ENGIE S.A. FINANCIAL STATEMENTS ANALYSIS

Solvay Business School MBA PROGRAMME

FINANCIAL STATEMENTS ANALYSIS COURSE

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ENGIE SA _ FINANCIAL STATEMENTS ANALYSIS

Solvay Brussels School Economics & Management

INDIVIDUAL ASSIGNMENT - STUDENT CAPELLE TEODORA

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FINANCIAL STATEMENTS ANALYSIS ENGIE



EXECUTIVE SUMMARY

1.1 CONTEXT AND AIMS OF THE ANALYSIS

ENGIE former GDF Suez develops activities related and complementary to the gas and electricity industry value chain: from production or purchase, transport, storage, distribution and related infrastructure, management and energy services. In 2014, Engie produced 2,73% of the consumed power in the OECD countries. In 2014, its business portfolio represented 12.6% of the OECD country's consumption. ENGIE supplied 2.2% of the whole world energy need.

In a process of global energy industry and market reconfiguration, Engie experiences structural changes to cope better with geopolitical, economic, and climate new challenges. Since the 2008 financial crisis, the dynamic of these external factors have led to new strategies based on risk mitigation and seriously impacted the financial statements of the company.

The present paper tries to assess the changes in company's strategy, through an analysis of the income statement, balance sheet, cash flow and equity statements. It tries to assess the adaptive, resilient and flexible capacity of the company to reply to the increasing vulnerabilities of the international energy market.

In the context of growing European and global concerns about climate change and secure energy sources, energy transition towards cleaner renewable and sustainable sources of energy production plays a major role. Therefore, this analysis tries to grasp insights about the business sustainability of adopting a new paradigm of energy mix in respect to the use of sources in which Engie is traditionally involved such as gas, coal and nuclear power production.

Therefore the paper will focus on company's politics, recent major acquisitions and impairment, new portfolio of businesses, disinvestments and other major to recover or keep the financial health of the company.

1.2 METHODOLOGY

The paper uses the methodology described in the financial statement analysis course of professor Peter Taylor. It is organised in four important sections: (I) business strategy to tries to grasp a broad picture of the strategy and position of the company analysis, (II) accounting analysis which will assess the accounting system, identifies at what extends the assumption and managerial decisions influence the results, to work out in third chapter (III) financial analysis and eventually to provide in the last section (IV) conclusions.



The business strategy analysis will first concentrate on the specific context of the industry, and the challenging and complex environment influencing the strategy of the firm and can be ultimately linked with actions, and figures in ENGIE financial statement. Key issues identified are: new global energy map and new global players, geopolitics and change in demand and supply, price volatility, regulations, renewable energy and CO2 policies, changes in relation between consumer and producer, growing structural risks for traditional energy utility business.

Second it organises previous information through Porter's five forces methodology, in order to grasp insights about the competitive advantages, related to activities across the value chain. This classification can better explain the vision and the strategic approach of Engie for the years to come. In the third part, a presentation of the company and its structure will make the link between the competitive advantage analysis and the alignment with its strategy.

The accounting analysis will try to understand important managerial decisions the company is making and how actions are translated through the accounting flexible tools into the balance sheet and reflected into the income statement. The section informs about the reporting methodology of the company and provides a list of accounting rules applied, the main policies of the company and their impact. It starts by highlighting key issues in the utility industry and further on explains how Engie makes use of it. The paper identifies the "capitalise versus expenses" policy of the company and the write-down, depreciation methods, amortisation of intangibles, capitalisation of exploration costs and finance costs. It explains how inventory are accounted and provides with information about lease and provisions management. Considering the massive impairments Engie has experienced, the paper focusses on the fair value measurements. Ultimately, it identifies revenue recognition and tax considerations issues.

Financial analysis will start by listing the objectives. It uses financial ratios, common size statements and liquidity analysis to evaluate the evolution of the company from 2008 to 2015 and to benchmark it against its competitors. Three competitors were chosen on the criteria of portfolio similarity and revenue. Financial ratios are organised by analysis of growth, profitability, efficiency working capital competitively, gearing or leverage.

The conclusion stresses the existence of an underlying strategy that complements company's official statements. It summarises the strength and weakness of the financial analysis results and emphasises on the company's potential to cope with a long-lasting vulnerable and volatile environment.

1.3 DATA AND DOCUMENTS USED

For the first chapter, the paper uses AIE, World Energy, and all cited official international data, described in the bibliography. A special interest was given to BP Annual Report, which provide 2014 information. However some lack in clarity on some data was observed and double checked with other documents.

The strategy of the firm section uses GDF SUEZ REGISTRATION DOCUMENT 2014 and compares information with previous data, in order to remove subjective information that might appear in the annual report.

For the financial analysis chapter, the paper uses GDF SUEZ REGISTRATION DOCUMENT 2014, containing all financial figures and notes. Some aspects were also cross-checked with Reuters financial analysis data. For 2008 information Annual Report from 2010 was used.

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BUSINESS STRATEGY ANALYSIS

2.1.ANALYSE OF THE INDUSTRY

2.1.1 GENERAL CONTEXT: IDENTIFY KEY PROFIT DRIVERS AND BUSINESS RISKS

In the middle of a disruptive process¹, with a general decreasing tendency in revenues and profits margins ² there is no doubt that utility (energy) industry is engaged in a structural reconfiguration³ that, it might be assumed, has less to do with its historical benchmarks. High market volatility is driven by a new macro-economic dynamic and uncertainty, emergence of new types of economical exchange, changes in policies and regulations, by geopolitical turmoil, and the increasing institutionalisation of climate change mitigation measures. Currently, estimates and scenarios of development have difficulties to cope with unpredictable events and their random systemic impact.

2.1.2 TOWARDS A NEW WORLD ORDER

According to international analysis and statistics such as IEA (International Energy Agency) and World Energy Council, it seems that there is an **official paradigm shift statement**⁴. Since 2008, the idea of a temporary crisis situation looking to re-establish the ante-crises status quo. is widely accepted. Today, what used to be identified as tendencies, becomes the emergence of a new global context with no perspective of going back. In such a context, energy utility business has to reposition, redistribute resources according to new market opportunities, adapt and change their business model.

⁴ Very clear when comparing 2015 World Energy Issues Monitor with its 2014 version

2006	2008	2010	2012	2014
	4			

^{1 &}quot;2015 Utilities Trends."

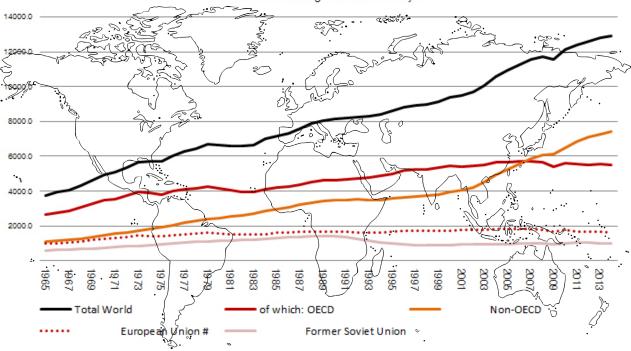
² See financial analysis chapter 4 page

^{3 &}quot;World-Energy-Issues-Monitor-2014.pdf."



Primary Energy: Consumption

In this review, primary energy comprises commercially traded fuels including modern renewables used to generate electricity.



CHANGE IN THE ENERGY MAP-SUPPLY AND DEMAND 2.1.3

Starting from 2007, the global energy demand has no longer been centered in the OECD countries. Today, the market share of Non-OECD countries represents 57.5% of total consumptions in 2014. The shift seems to be consolidated and irreversible, despite China's slow decreasing demand. For the first time in a decade, China had a growth in energy demand of only 2.6% compared with its 10 years average 6.62% and of Asia Region 4.2%6.

According to BP Statistical Review of World Energy 2015, the world energy demand registered a growth of only 0.9%, in 2014, compared to 2.9% in 2013 and to 2.1% average over last 10 years. In Europe, the consumption declined by -3.9% in 2014 (lowest level since 1985), in Japan by -3,0%, whereas US recorded a growth of 1.1%.

There is also a clear change in the global distribution of supply. After 40 years, oil and gas production moved outside OPEC countries⁷, with ascension of US becoming the global leader in non-conventional shale gas and oil production. For 10 years, the US have built economies of scale in hydraulic fracturing industry; have considerably reduced imports and created perspectives to "become the 'swing' producer in setting the price of oil on global markets"8.

Disconnected from the demand curve, the energy supply increased with record figures over the last 10 years for commodities such as oil and gas9. This rising difference between supply and demand is framed in the new "price war" 10 of OPEC countries-the former biggest oil explorer. OPEC tries to defend its position and market share and to counter the US competition in an attempt to bring the shale oil industry to unprofitable margins.

In generation segment, a change in map of asset supply is announced by the consolidated ability of China to provide technology at competitive costs.

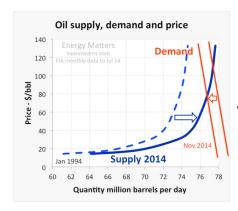
⁵ Organisation for Economic Co-operation and Development (OECD) Australia, Austria, Belgium Canada Chile Czech Republic, Denmark Estonia, Finland, France Germany Greece, Hungary, Iceland Ireland Italy Japan, Korea, Luxembourg, Mexico, The Netherlands, New Zeeland, Norway, Poland, Portugal Slovak Republic, Slovenia, Spain Sweden Switzerland Turkey United Kingdom United States

[&]quot;BP Statistical Review of World Energy 2015 - Bp-Statistical-Review-of-World-Energy-2015-Full-Report.pdf."

[&]quot;2015-World-Energy-Issues-Monitor.pdf."
"Shale Technology – the New 'Swing' Producer That Sets Global Oil Prices?" 8

[&]quot;BP Statistical Review of World Energy 2015 - Bp-Statistical-Review-of-World-Energy-2015-Full-Report.pdf."

[&]quot;2015-World-Energy-Issues-Monitor.pdf."



http://oilprice.com/Energy/Crude-Oil/The-2014-Oil-Price-Crash-Explained.html



2.1.4 PRICE VOLATILITY

The discrepancy between demand and supply has brought the price of oil at its lowest level in the last five years, lower that 70\$, which used to be considered the "threshold for high end cost producers US and Canada" Indirectly, this war affects other oil exporters and has a great impact on the utility industry, on public such as governments or private entities already affected by eroded margins from the last decade trends of market liberalisation.

In 2014, the change in energy map in the upstream value chain seriously impacted the electricity generation sector. Although the global demand in gas has slightly grown (0.9%)¹², European gas industry had decreased by 9.8%¹³ (mothballing of thermal gas power plants) merely because of low demand and competitive prices in green subsidised energy segment. Due to high fluctuations, gas contracts are also highly affected by the differences between spot and long term prices. Similarly and coped with Fukushima disaster, the change in nuclear energy approach puts the future of this industry under a question mark, and pressures the actual fleet, especially in Europe, while the nuclear expansion is very aggressive in Asia, mainly in China and Korea.

2.1.5 CURRENCY AND US DOLLAR STRENGTH

The strengthening of the US dollar has also a big impact on export and import prices. "Most of internationally traded commodities are priced in US dollars. All else being equal, an appreciation in the US dollar should therefore result in a fall in the unit price of these commodities." ¹⁴

2.1.6 REGULATION

Few decades ago, energy used to be dominated by public monopolies, vertically integrated¹⁵ and strictly regulated¹⁶.

Although the world and especially markets where ENGIE operates are in different phase of energy market liberalisation, price and supply contract regulations and tax policies are very strong. It is difficult to have a global conclusion as far as countries are in different stage of opening their market and regulations also differ from country to country. However, this is a major driver for large business entities such as ENGIE, with high impact on energy competition that will be summarised in the company presentation section.

¹¹ Ibic

^{12 &}quot;BP Statistical Review of World Energy 2015 - Bp-Statistical-Review-of-World-Energy-2015-Full-Report.pdf."

¹³ Ibid

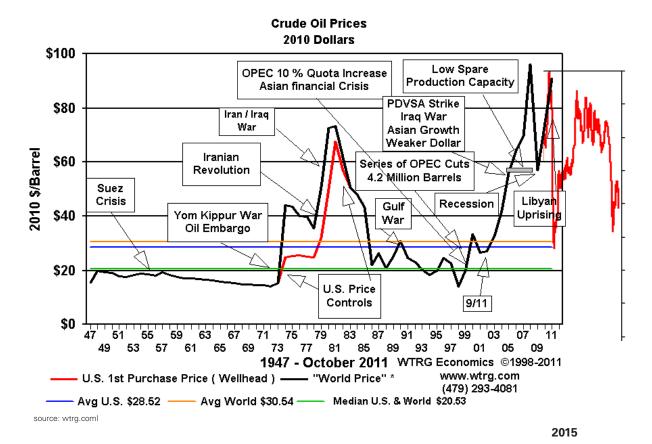
^{14 &}quot;Commodities: Key Themes For 2015 | Global | | BMI Research."

^{15 &}quot;Traditionally, electricity sectors developed and operated within strictly regulated frameworks in which vertically integrated utilities have handled most or all activities – from generation to transport to distribution. Moreover, it has been a centrally planned activity, wherein needs are assessed and fulfilled by electricity system planners and all associated costs are passed on to consumers."

^{16 &}quot;LessonsNet.pdf."



oil price fluctuations



2.1.7 RENEWABLE ENERGY SOURCES

Increase energy production from renewable sources is one of the main objectives to achieve a secure and sustainable energy mix as defined in the European Energy Security Strategy¹⁷. Renewable sources are on the agenda of the US government and start to play an important role in the Chinese future development. There are high expectations regarding global climate deal, clear regulations for climate framework, CO2 regulations and clear subsidy policies.

In 2014, the segment represents 6% ¹⁸ of the world consumption and includes hydropower, wind and solar ¹⁹ (11% of European energy production, and biomass. From 2013 to 2014, the production of solar energy has grown by 28,8% at the global level. Hydropower often considered separately²⁰, due to its heavy impact on ecosystems and lately rigidity in climate change mitigation, when thresholds are exceeded²¹.

Besides expansion in Europe and US, renewal energy trends penetrate Middle East and Africa with perspective of increasing supply in the future.

Last decade, Europe growth in renewable energy industry was impacted by green certificates policies. Subsidies for energy production from renewable sources were supported by governments through green certificates and fees on CO2 production of polluting industries. Since 2012, the subsidy policies have collapsed across Europe and investments slow down. However, "green energy" is a strong feature in European political agenda and businesses are willing to consolidate their role, to achieve economy of scale and push forward optimisation design.

^{17 &}quot;European-Energy-Security-Strategy.pdf."

^{18 &}quot;BP Statistical Review of World Energy 2015 - Bp-Statistical-Review-of-World-Energy-2015-Full-Report.pdf."

^{19 &}quot;keyworld2014.pdf."

^{20 &}quot;Why Hydroelectric Power Isn't Considered Renewable."

²¹ Zevenbergen, Urban Flood Management.

High value is expected from COP21, otherwise known as "Paris 2015", November 30th to December 11th, 2015, a crucial conference, as it needs to achieve a new international agreement on the climate, applicable to all countries, with the aim of keeping global warming below 2°C²².

2.1.8 DISTRIBUTED GENERATION-THE ACTIVE ROLE OF CONSUMER-GAME CHANGER

Geopolitical changes are coupled or accelerated by the increasing digitalisation of the human life and activities. The new consumer-centric and potential producer profile is likely to influence the industry. Smart grids, decentralised systems, put traditional businesses in difficulties. Those are looking forward to creating new types of services to support and integrate this new model, before digital analytical established business take over. (e.g. Google has already developed application in this perspective)

For the European Union, the Energy Package published on February 25th, 2015 stated that: "vision is of an Energy Union with citizens at its core, where citizens take ownership of the energy transition, benefit from new technologies to reduce their bills, participate actively in the market, and where vulnerable consumers are protected." ²³

2.1.9 RISKS

An increase and change in risk, impacts the willing to invest in an industry with high volatile prices and under the threat of a "recessionary downside spiral" ²⁴. Political risk plays a major role in this situation, such as in the Russia-Ukraine conflict, the destabilisation of Middle East, terrorism, (including cyber terrorism), the informal oil market in Syria and Irak. The dependence and security of supply are the main issues of the world agenda. Renewal energy secure supply is also an issue as back up infrastructure is necessary to sustain the consistency of the system, to avoid incidents such as the Germany blackout on the 4th November 2006²⁵.

Climate change plays a risks for the industry as a warmer climate in some areas reduced consumption with high impact on the balance sheet.

2.1.10 CONCLUSION

Measures that used to characterise the industry can easily become obsolete in an environment where businesses seem to focus more on fast adaptation and new risk management policies. This included long term oriented approach necessary to insure the survival in the future with short term actions. Volatility and growing uncertainty become a defining factor when assessing future development scenarios of traditional utility businesses.

^{22 &}quot;What Is COP21/CMP11? | COP21 - United Nations Conference on Climate Change."

^{23 &}quot;Untitled - Energyunion_en.pdf."

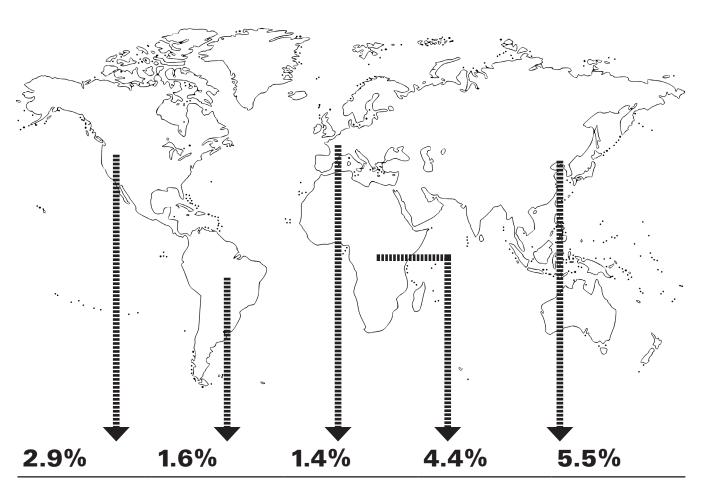
^{24 &}quot;2015-World-Energy-Issues-Monitor.pdf."

²⁵ Drum et al., "Germany Faces A Growing Risk Of Disastrous Power Blackouts."



2.2 GLOBAL PROJECTIONS

U.S. S. AMERICA EUROPE AFRICA ASIA



projected grow

maturity of the business cycle, cost increase with effects on profitability

strength: technological progress Shale oil and gas leader

need to boost production

projected grow

downside of the slow-down of energy exports due to global decrease in commodity price.

need to improve investment

need for educated labour force

projected grow

uncertainity over the European Central Bank QE program effects (qualitative easing), slowed by currency effects (US-Euro)

slow recovery in domestic consumption

risk of deflation

projected grow

Nigeria 6,7% growth, but vulnerable to global market demand (dependent on its resources) dependent on governance and institutional improvement

projected grow

leader on the growth but with revised lower rates of growth

South Asia potential of becoming a strong world production hub

source: https://www.conference-board.org/data/globaloutlook/

2.3 INDUSTRY STRUCTURE AND PROFITABILITY - FIVE FORCES VS. VALUE CHAIN

In a business that covers all the value chain, the five forces approach has its limitation. Activities upstream and downstream power generation are industries on their own, with their specificities. There is no clear border between them. Moreover, Engie has clear objectives to enlarge its portfolio and create synergies as much as possible with activities gravitating around the value chain. The aim is to increase the dynamism and interaction to develop new business models. Hereby, a schematic approach of the five forces is applied to the different segments of the utility industry, in the actual

five forces

DEGREE OF ACTUAL AND POTENTIAL COMPETITION

HIGH RIVALRY AMONG EXISTING **FIRMS**

LOW THREAT OF NEW ENTRANTS

HIGH THREAT OF SUBSTITUTE **PRODUCTS**

Industry growth merely through acquisition.

High competition for market share, need economy of scale to reduce variable costs

High barriers to entry High fix costs (less in renewable wind and solar generation but constrainted by access to distribution)

Relative price and performance High threat of substitutes Oil, coal, gas, nuclear, re-generable (hydro wind solar biomass). Each has different costs, fixed costs of asset'



High Scale/learning economies High fixed costs and high switching costs

Perspective to enter new market still low despite international ambition (universal access to electricity by 2030)

Lower costs in household access but difficult to achieve economy of scales. Liberalised public companies were first mover and became the world business players. These companies already achieved economy of scales and bengeneration, different regulation, different system of subsidies and taxes

Energy power has no substitute but the sources of generation, has. Buyers' willingness to switch

Keep and extend share with the cost of price and profit margins Big exit barriers for most generation less in wind and solar Big scale/learning economies

High fixed costs

efited from the upfront capital for new investments

Lately, distribution can be substitute by autarchic power generation disconnected from the grid



Natural monopolies transmission (energy network operators) There are regulation to avoid concentration and the re-establishment of monopolies especially in Europe

Natural monopolies transmission (energy network operators) Distribution access - more and more accessible. Due to structural unbundling Lower upfront capital requirement costs in trading; marketing, energy providers, retailers

Consumer-producer threat



Excess capacity especially in nowadays context

There is an attempt for bigger differentiation - portfolio and new services and products Low Switching cost

Relationships high brand equity with high cost (often in acquisition of former national entities the name remain the same- eg. Tractebel)

High Legal barriers regulation to build assets

Internet of things can substirute services such as monitoring, etc., proposed by distributers





value chain

BARGAINING POWER IN INPUT ND OUTPUT MARKETS

MEDIUM
BARGAINING
POWER OF
BUYERS

HIGH BARGAINING POWER OF SUPPLIERS

Low number of buyer but Switching costs are high (depending on technology and patents) Limited number of suppliers might be integrated in the value chain for share profits (GDF Suez provides gas for the functioning of their assets, it trades the energy produces)

FUEL / ENERGY SOURCE

There is no differentiation There is no importance of product "ENERGY" for quality. It is an utility.

Volume per buyer differentiates market. Commercial and industrial buyers have There is not enough differentiation Importance of product for cost and quality

Switching costs are big for generation sector because it uses patterns.
High volume per supplier

GENERATION

big power whereas small started to have power quit the provider and to create smart grids (decentralised power plant at the private or community level) The industry is becoming more competitive No power for suppliers, transmission is a monopoly and essential for generation business

TRANSMISSION

Natural monopolies transmission (energy network operators)

Low number of buyers . Depends on market liberalisation and regulation There is no differentiation Volume per buyer differentiates market. Low number of suppliers

DISTRIBUTION

High number of small buyers Switching costs are low High number of suppliers, low bargain power which has an impact upstream the value chain



CUSTOMER ENERGY SERVICES

2.4 FIRM'S STRATEGY

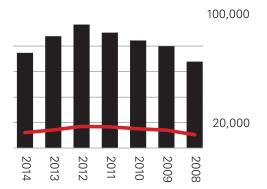
2.4.1 PRESENTATION OF THE BUSINESS:

ENGIE former GDF Suez is a global utility industry player, activating across entire energy value chain. The company purchases, explores/produces, operates, distributes and manages infrastructure for natural gas and electricity generated from thermal power generation and renewable sources. Besides, ENGIE offers energy management and environmental services. It provides also water and waste water management services and is involved in the desalination industry. In 2014, Engie produced 2.73% of the demanded power in the OECD countries. In 2014, its supply business portfolio represented 12.6% of the OECD countries demand. ENGIE supplied 2.2% of the whole world energy need. The company structure such as today is defined by the merger between GDF Suez and Gas de France in 2008.

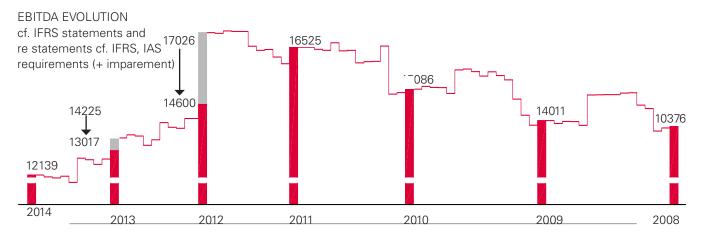
Engie operates in over 60 countries. Its activities in stable markets are counterbalanced by intensive activities in emerging countries with higher growth prospects. According to the registration document from 2014²⁶, the company policy foresees an equilibrated and variated portfolio of activities and a mix contracting policy from long term, safe recurring revenues²⁷ to higher short term revenue through contracts "exposed to market uncertainties".

In a troubled context (see chapter Analyse of the industry), but also due to specific related problems of the company itself, the revenue of the Engie has been continuously decreasing, since 2012. Engie registered a drop of 15% in revenues from€87,898 million to €74,686 million. In 2014 EBITDA performed with 18% less than the previous year. Not only growth, but also profitability margins have been declining drastically. Net income of €2,441M increased compared to 2012 (€1543M), but was still very low in respect with previous years. Cash flow figures are €2,400M lower than in 2013. And net debt has lowered with €1,289M in 2014 compared with the previous year.

- EBITDA



²⁷ PPA-type contracts: an agreement between a purchaser (an entity in the public or private sector) and a power producer, with conditions for purchasing power produced over a long period to ensure regular revenue for the producer that will cover its investment costs. etc.);



evolution of EBIT impairement 2013

Revenue

^{26 &}quot;Registration Document 2014 • GDF SUEZ."



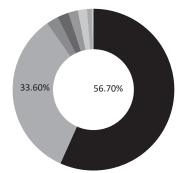
The company is in a process of structural re-definition of its business model. This started in 2013 with major changes such as impairment of €14,900 million carry out property, plant and equipment and intangible assets, goodwill and continues in 2015 with major changes at the organisational level to align their new strategy.

2.4.2 HISTORY:

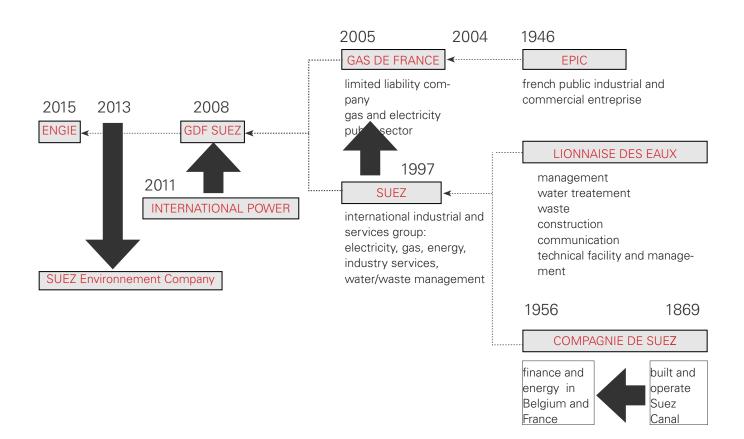
Engie is a former state owned company, which origins go back in the 19th century. After successive mergers and acquisitions, the company becomes GDF Suez in 2008 through the merger of Gas de France and Compagnie de Suez. Starting from 2005, the company have been integrated in the liberalisation/ privatisation process of the European electricity market.

Listed on the Euronext exchanges in Brussels and Paris, today, the company has 56.7% public capital, 33.6% shares are held by the French government, 2.9% held together by the French "Caisse des Dépôts et Consignations (CDC)" and the "Caisse Nationale de 'Prévoyance", 2.3 % by employees shareholding, etc., China Investment Corporation held 30% of the total Exploration & Production activities.

Its evolution explains the structure and the business portfolio and gives a measure on how international strength was consolidated. It also gives an idea about the adaptive capacity of the company experienced with massive merger and integration process. Simultaneously, the scale of the business highlights vulnerabilities that will be pointed out further in the study through the strategy and the financial analysis.



	Public	56.70%
	French State	33.60%
	Bruxelles Lamber Group	2.40%
	Employee shareholders	2.30%
	CDC Group	1.90%
-	Treasury shares	1.80%
	CNP Assurance Group	1.00%
	Sofina	0.30%



ACTIVITIES

ENERGY MANAGEMENT TRADING (EMT)

GROUPASSETS OPTIMASATION COMPETITIVE SOURCING:

optimise value creation related to risk, negotiate natural gas procurement provide gas &el. + energy price risk management services

LARGEST DIVERSIFY PORTFOLIO

electricity, gas, coal,oil products, biomass, CO2, environmental products

PRESENCE IN KEY MARKETS

support external counter parties (trading) EUROPE SINGAPORE

GAS & POWER SUPPLY

large industrial customer

RENEWABLE ENERGY (RES)

direct assets & projects linked to renewable (hydro, wind, solar) develop, construction, operation, maintanance

increase profitability of installed capacity control cost for develop &acquisition, procurement operation maintainance share experience and local integration 2014 PP mothballed134 MW sold 1041 MW

10 photovolatic projects FR partnership win offshore wind tender FR

396MW

GENERATION METIER

ASSETS:nuclear and thermal power (incl.biomass)

develop and maintain powerplants coordonate teams

REVIEW CONTINUOSLY ASSETS:

adapt to market conditions, optimise (OE, flexible), closure, mothballing **MONITOR** projects and power plants underconstruction, Suport for business development

MAXIMISE SYNERGY (countries, pooling process, know how) Technological stream - coal, gas, nuclear

lifetime extent: Tihange 1, Doel 1 and Doel 2 (10 years)

stoppage: Doel 1 3 4 and Tihange 2

40% NuGeneration LTD UK- reactor West Cumbria

BE investments vs. Nuclear contribution/ tax burden

MKT SALES M&S

supply gas&electricity& associated services

residential corporate& local authorities gas storage and distribution (Ro and Hu) commercial and customer activities prepare offers/ drives forward innovative projects

optimise the value of customer portfolio (countries, pooling process, know how) Technological stream - coal, gas, nuclear GDF DolceVita:2 million B2C customers CONGAZ: 63000 customers new brand small business FR GDF SUEZ PRO

BUSINES LINES

ENERGY INTERNATIONAL

S America electricity production N. America LNG gasification UK & Turkey gas distribution South Asia seawater desalinisation Middle East and Africa international retail sales outside Europe

Revenues 13,977 14,393 -2,9% EBITDA 3,716 4,029 -7.8%

ENERGY EUROPE

electricity production gas, nuclear, coal, regenerable: 39684MW and 364MW underconsruction energy management elec. / natural gas sales distribution/ storage

Revenues 35,158 42,713 -17.7% EBITDA 2,020 2,877 -29.8%

INFRASTRUCTURE

France: network and infrastructure transmission of natural gas gasification of LNG storage of natural gas distribution of natural gas

Revenues 6,812 6,775 +0,5% EBITDA 3,274 3,334 -1.8%

GLOBAL GAS AND LNG

exploration and production (gas and oil) assets, secure access to resources, engineering and services LNG transportation and storage, commercialisation, marketing, innovation

Revenues 9,551 8,404 +13,6% EBITDA 2,225 2,028 +9,7%

ENERGY SERVICES

customers: industrial tertiar and local authorities sustainable energy and environmental efficiency

Engineering, instalation, maintainance Revenues 15,673 14,678 +6,8% EBITDA 1.127 1.041 +8.2%

REAL ESTATE, PLANT AND EQUIPMENT



2.4.3 ORGANISATION AND ACTIVITY BREAKDOWN

GSENA NORTH AMERICA

US, Mexico Peurto Rico Canada

GSELA LATIN AMERICA Brazil, Chile,

UKTURKEY

SAMEA Middle East, South Asia and Africa

ASIA-PACIFIC Australia, Indonesia, LaosThailand, Singapore

CENTRAL WESTERN EUROPE

France, Belgium, Germany, Luxembourg, Netherland

EASTERN AND SOUTHERN EUROPE

Poland, Hungary, Romania, Austria, Czech Republic, Italy, Grece, Spain, Portulal

STORENGY

storage sites, subsidiaries in Germany and the UK

ELENGY LNG terminals in Germany

GrDFregulated distribution network

GRT GAS transmission network, pipelines and in-line compression stations

(E&P) GDF SUEZ Exploration &

Production, (30% China Invest Corporation)

GDF SUEZ LNG LNG supply, terminals and maritime transport

GTT Gaztransport et Technigaz design of cryogenic membrane containment

systems for shipping LNG

TRACTEBEL Engineering (Engineering

France SIM, Benelux Systems, Facilities

FSE, Networks, Benelux Energy services

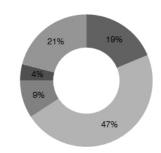
International Division) Electricity genera-

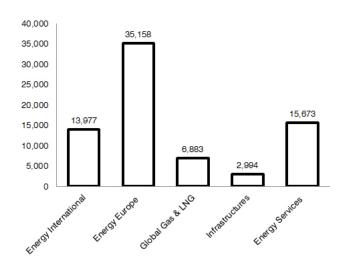
REVENUE POSITION

■ Energy International ■ Energy Europe

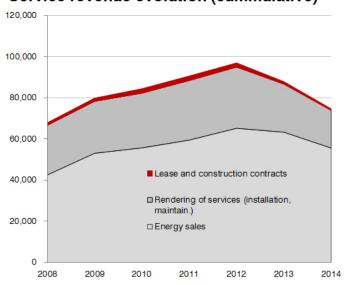
■ Global Gas & LNG ■ Infrastructures

■ Energy Services





Service revenue evolution (cummulative)





ACTIVITIES

Engie is organised in four segments: energy and trading, generation (production) marketing and sales and renewable energy. The latter is a newer strategic component of the company business development. Its activity is not yet clearly explained in the financial statements.

The major activity of the group is electricity generation, which includes a diversified fleet and its natural gas portfolio.

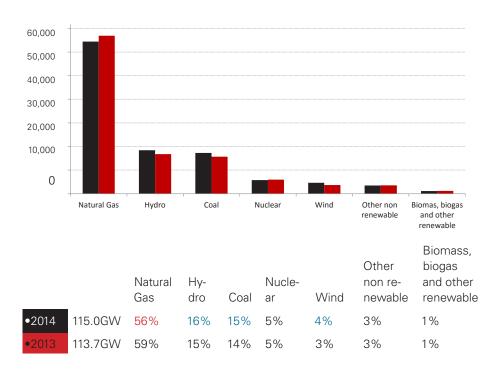
1. The total (group) installed capacity of electricity production as of December 2014 was 115GW (1.14% more than in 2013), of which 71% net ownership of Engie. The group capacity breakdown by energy source used in generation is as follows: 56% natural gas, 16% hydro, 15% coal, 5% nuclear, 4% wind, 3% other non-renewable and 1% biomass, biogas and other renewable energy. In 2014, there is a decrease in electricity production generated by gas of 3.79%, whereas the hydro coal and wind generation slowly increased.

Engie announced 10,5GW under construction, from which 3,15 GW would be renewal energies.

The assets related to these activities are subject to an operational efficiency process. The company focuses to shift towards low carbon power generation fleet.

Activities related to natural gas includes diversified portfolio of long term contracts in EU (10 countries). Engie is also a spot market company²⁸ that allows it to "rationalise supply control cost by adjusting purchasing to match its needs"

28 A commodities or securities market in which goods are sold for cash and delivered immediately. Contracts bought and sold on these markets are immediately effective.(source Investopedia)





Bellow, a scheme of the position of the firm, according to the annual report.

COMPETITIVE POSITION

EU STRONG COMPETITION

electricity generation marketing, gas & mkt

GAS

1 Seller Natural gas
 1 Importer LNG
 4 Importer LNG
 w
 imp. player exploration/ production
 EU

position in every upstream activity

EU DIFERENT REGULATION

prices for residential customers

GAS INFRASTRUCTURE

#2 transmission

#1 distribution

#1 storage capacity (useful stor-

#2 operator owner of LNG termi-

nal

#3 Turkey gas distribution

EU NATURAL MONOPOLIES

transmission and distribution (domestic regulators control)

ENERGY SERVICES

R2R

1 gas marketing FR, NL, BE, IT
heating networks GE, H,AU SP
1 gas marketing UK
facility mgmt UK

WORLDWIDE PRIVATE PLAYER

long term contracts on tender basis

ELECTRICITY

leader IPP indep. pw producer producer- developer Gulf States Thailand IPP 2 Peru 3 IPP Chile 3 purchaser & supplier ΕU leader gas marketing FR 2 producer-supplier FR 2 hydropower operator leader windpower FR 1 producer-supplier Electrabel BE gas and electricity

2.4.4 STRATEGY

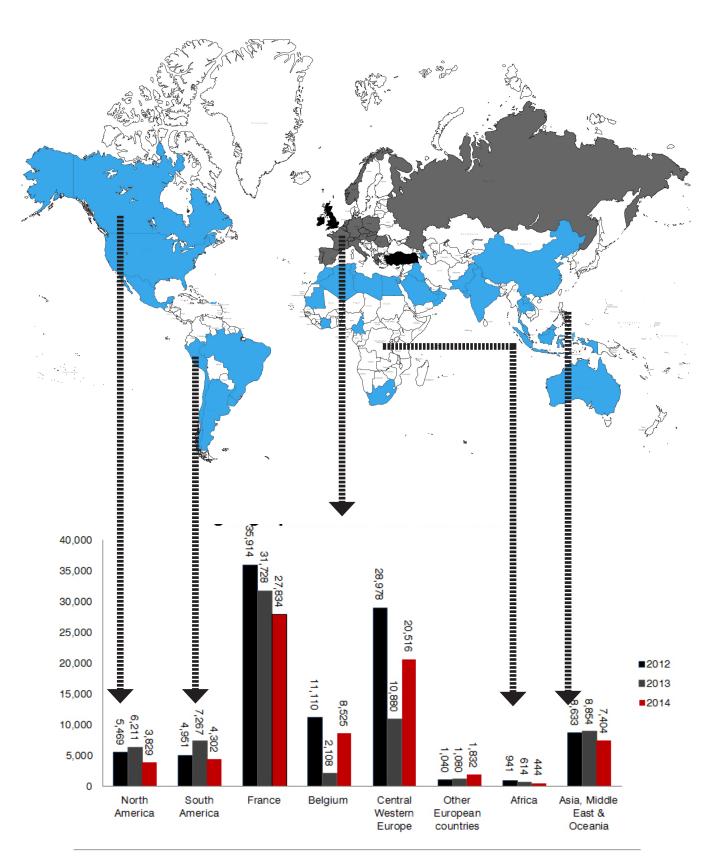
It is not a surprise that Engie had to make adjustments in its objectives and strategy. The whole industry is in a process of transformation. Some general measures, such as "financial restructuring; technology shifts such as the rise of distributed generation; the need to respond to new regulations, most notably [...] latest effort to regulate carbon emissions; and the evolution of the customer interface" are already on the agenda of utility business players"

In this context, Engie aims to maximise new opportunities for higher return, while mitigating higher risk these actions will imply. The company's intention is to synchronise these efforts with a consistent risk management approach that is also required to insure shareholders. It has to be noted, that the utility industry used to attract investors with a risk adverse profile-investors looking for safety returns. Therefore a change in the business model also requires a sensitivity towards shareholders.

In order to reply to the slowdown in electricity demand, the decreasing price of oil and gas and a high competitive market with unbalanced subsidy policies, Engie's first choice is to use its financial leverage and invest massively in renewable energy in Europe.

Portfolio-spin offs, split in separate entities in the value chain, assets sales, bond like investment, give more flexibility and resilience to the business as a whole and avoid a leverage effect of vulnerable and riskier areas of activities. Engie already separated from Suez Environment. "Individually, a carved-out company may produce higher sustained returns than it did as an integrated utility"

According to the annual report, the main issue Engie experiences is the crisis of thermal power generation in Europe due to economic slowdown, development of renewable energy and low prices of coal, with effects on decreased consumption, respectively capacity surplus and low prices on long-term perspective. Its forecast for 2040 based on existent studies, relies on a +93% increase in primary energy consumption outside OECD, in emerging countries, and a 1,6% annual demand growth at global level. In Europe, the company relies on 14% - 35% contribution of renewable energy to the energy mix to be achieved by 2040. Engie integrates a de-centralised approach: recognising the need to increase the company role in the development of energy services with emphasise on local level management growing role;





STRATEGY

TRANSITION IN EUROPE

renewal energy thermal and electric central, distribution energy efficiency services

-new business + digital

-customer approach/ partner for customer: B2B **B**2C, B2P

AS SUPLY PORTFOLIO

optimise portfolio renegotiate contracts

POWER GENERATION

optimise thermal PP MAGRITTE group loby

RENEWABLE ENERGY

in countries with mature technology hydropower, onshore wind PP, biomass

INFRASTRUCTURE

adapt to the change in demand prepare infrastructure for gas biomass

BENCHMARK ENERGY PLAYER IN FAST GROWING MARKETS

f-leverage on strong position -independent power generation + LNG -cover all value chain -international energy services

INDEPENDENT POWER GENERATION

strenghten existent position new attractive markets oportunities in renewable energy energy and gas value chain descentralise generation and infrastructure

INTEGRATE ACTIVITIES FOR THE GAS CHAIN

upstream activities to secure access to resources for group downstream markets infrastructure oportunites know how in down stream

2015-decrease from €1.50 to €1.00 per dividend

IMPLEMENTATION

ORGANISATION RENEWABLE ENERGY

BU

GENERATION B.U. thermal power generation (gas, biomas, coal)

GENERATION BU

adapt to customer requirements AGILE- "human" based approach training, responsibility internal mobility spread value enhance performance serve to customers new code of conduct managers

INTEGRATED B2B ENERGY OFFERING

Cofely Services (Ener) (Be) +B2B (Energy FR)

INNOVATION AND NEW BUSINESS ENTITY

group level

CHINA BU

develop multi-activity

FINANCE "A" CREDIT RATING

stict investment criteria offer SH attractive returns solid financial structure robust CF generation

> NEW DIVIDEND POLICY

CAPEX PROGRAM

GREEN BOND

2.5 billion for renewal energy and energy efficiency projects

\rightarrow

IMPROVE PERFORMANCE

PERFORM 2015 (2013)

group transformation adapt difficult environment in Eu €4.50M invested in 2013 +€0.90 impact on IS 2014

LEAN MGMT MAINTAING CAPEX

+€0.40 impact on CF 2014

OP REVIEW PURCHASING

gas turbines Power Plants spread outside EU new governance

SHARED SERVICES

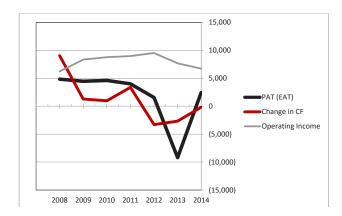
division harmonisation simplify working methods IT, standardisation IT Streamlining

ACCOUNTING ANALYSIS

3.1 ACCOUNTING AND REPORTING CONTEXT- GENERAL APPROACH

Engie former GDF Suez is a listed company in Paris and Brussels, due to report its financial results using International Financial Reporting Standards (IFRS).

For the years 2013 and 2014, the group used accrual accounting in conformity with European Regulation (EC) 1606/2002 and International Accounting Standard (IFRS) July 19, 2013 and all the necessary procedures and endorsement foreseen by these standards. In the framework of the flexibility allowed by the standards, amendments and interpretations are applied on



Accrual accounting, versus cash flow statement Engie facts from 2008 and 2015
Excluding the impairement in 2013, it can be observed the difference between volatile cash flows curve and accrual more constant evolution. It explain also the impairement decission (after a decreasing CF curve).

different time horizon -some were already integrated others delayed. It is assumed that these choices helped to smooth the transition between Engie's annual results, in the present unfriendly business context of the utility sector.

Since 2008, when Gaz de France and Companies Suez have merged and consolidated their annual report, several accounting rules have changed. In order to make available accurate comparative data, several restatement of previous were operated.

In 2010, the company restated data from 2009 to comply to IAS27 for changes in cash flow presentation.

- In 2010, the company restated data from 2009 to comply to IAS27 for changes in cash flow presentation related to change in a parent's ownership.
 - In 2013, the company restated data from 2012, due to the compulsory retrospective application of IAS19
- In 2014, the company restated financial statement of 2013, due to the application of the consolidation standards with important impact on the Income statement revenues, net income and EBITDA. Engie added to the reporting a third "pro forma" statement which applies 2014 standards related to the equity method, but with extra interpretations, not required for the retrospective application. The "pro forma" version has the advantage of approaching figures from 2014 and 2013 and lowers the market impact of decreasing revenues, margins, and other financial indicators.

The present paper uses all financial available date from 2008 onwards. It uses annual reports and restated figures. Due to regulations that limit the retrospective applications to only one year, there are inconsistencies in the comparative analysis. However this is the most accurate data that reflects the existent situation, the strategy of the firm to cope with the industry context. It gives also an idea about the strengths and vulnerabilities and their use in achieving future outcomes. The process of harmonisation of data from annual reports and competitors financial statements was double checked with external sources such as Financial Times, Reuters, and Bloomberg financial analysis. The decision to extend the analysis to seven years and to use data from 2008 onwards is justified by two reasons: 2008 is the beginning of the financial and economic crises and the year of the important merger between Gas de France and the Companies de Suez.

3.2 REPORTS AND MEDIA:

3.2.1 REGISTRATION DOCUMENTS:

In February each year Engie (GDF SUEZ) releases Annual Results Full Year 2014 and the Management report /annual consolidated financial statements 2014. Other documents available in 2014:

29 "Annual Report Engie 2010.pdf."



In Septembre 30, 2014, Q3 GDF SUEZ - Financial information June 30, 2014 GDF SUEZ - H1 2014 result Results at March 31,2014, Q1 GDF SUEZ - Financial information

3.2.2 CONTENT OF ANNUAL FINANCIAL REPORT:

MANAGEMENT REPORT I. Revenues and earnings trends I Business trends I Other income statement items I Changes in net debt I Other items in the statement of financial position I Pro forma financial statements including the SUEZ Environnement company group as an associate I Parent company financial statements I Outlook CONSOLIDATED FINANCIAL STATEMENTS I Income statement 2 Statement of comprehensive income Statement of financial position Statement of changes in equity Statement of cash flows NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

Engie uses other media such as conference calls to announce half year and yearly earnings. Figures are presented by CEO, CFO and COO and are subject to questions from analysts. Press releases accompany all the reports. Results are audio casted. Some additional financial information might be given through the year, concerning specific branch confronted with financial events, restructuring, etc., Pro-forma and restatement are also integrated systematically in Engie's reporting policies.

3.2 CREATIVE ACCOUNTING

3.3.1 UTILITY INDUSTRY - GUIDELINES IN CREATIVE ACCOUNTING

From the industry perspective, there are some general considerations that help to identify managerial decisions within in Engie's accounting structure and figures.

REGULATORY CONSIDERATION

As describe in the industry analysis chapter, energy industry is a high regulated business with prices often kept under control. According to the paper *The Ethics of Creative Accounting*³⁰, in utility industry, "If such companies report high profits then the regulator is likely to respond by curbing prices. These companies, therefore, have an interest in choosing accounting methods that tend to reduce their reported profits." For example, In Belgium, the accounting of the company is submitted to the control of the energy regulator³¹: Commission de régulation de l'énergie (CRE).

MANAGEMENT COMPENSATION

The quantitative performance criteria represents 70%. Half of it is based on recurring net income, group share per share. The other half requires free cash flow, ROCE and net debt performances. The qualitative performance criteria of 30% focus on "ROCE monitoring/ business R&D policy, managing CAPEX and general and administrative expenses business lines, and the creation of major "Group-wide programs".

A higher ROCE indicates more efficient use of capital, and therefore a higher numerator (EBIT/ operating profit) or smaller denominator (Capital Employed, see calculation provided by Engie at of this chapter) implies interpretation and managerial decision on capitalising versus expense, provisions, etc. Neither the formula, nor the assumptions behind the ROCE calculation are disclosed by Engie. However, it can be stressed that EBIT is not impacted by impairment in the income statement, and explains why performance criteria were met even in 2013.

In the utility generation business, provisions represents an important figure on the balance shit. In a difficult industry decision: "If the profit is below the minimum level directors will choose accounting methods that maximise provisions made so that in future years these provisions can be written back to boost profit." For example in 2014, the amount written back of tax provision of the parent company was 12 million 32.

^{30 &}quot;ETHICS.PDF - 6475312.pdf."

^{31 &}quot;140515RapportCRE-AuditTRVgaz-GDFSUEZ-2014.pdf."

^{32 &}quot;Registration Document 2014 • GDF SUEZ," 344.

The compensation policy assesses the Total Shareholder Return (TSR: stock market performance reinvested dividend) compare to TSR of companies included in the Eurostoxx Utilities index. Although criteria were fulfilled, the CEO renounced at 70% of the amount due. Compensations for the Group's members of the Executive Committee and the Board of Directors have decreased by 28% from 46 to 33 Million Euros from 2013 to 2014. The biggest change was registered in Shared-based payments;

COMPETITIVE AND CAPITAL MARKET CONSIDERATION

The European official concept of energy mix brings in the light the difficulties to mix different technologies and energy sources at a competitive price. As mentioned some of the segments such as renewable or coal power generation are strong subsidised. This impacts diversified companies which have to cope with unbalanced subsidy system of some of their products in the balance sheet33. Similiraly, in this troubled environment, there is a tremendous need to adopt, to insure markets and be able to atract capital.

3.3.2 ENGIE - USE OF ESTIMATES AND JUDGEMENTS

According to the Annual Report, the company makes use of new tools to deal with crises context and the high volatility. ENGIE has integrated risk assessment tools, annual impairment tests, continuous monitoring of measures.

In the annual report, Engie discloses five key areas subject to accounting estimations:

- Measurement of the fair value
- Measurement of the recoverable amount of goodwill and other intangible assets, property, plant and equipment.
- Measurement of provisions- nuclear waste processing, storage, dismantling obligations, etc.,
- Revenue recognition not yet metered
- Measurement of recognised tax loss carry-forwards

Hereby a list of non-exhausting measures identified through the analysis of the balance sheet and income statement.

CAPITALISE VERSUS EXPENSE

The utility business is based on capital intense activities. With a low or negative organic growth, the business is characterised by acquisitions. Therefore afferent transaction implies decision related to expense of the inherent costs. In order to keep the profit balanced, transactions are taken to the balance sheet as assets and systematically written down over the time.

In 2014, the balance sheet was impacted by the use of equity method, and changes in scope of consolidation.

Write-down/ depreciation:

Tangible and intangible assets as well as components (equipment maintenance and overhaul costs) are subject to depreciation and amortisation policies by **straight-line method**, with different useful life related to the type of assets. However "**Accelerated depreciation**, classified in the balance sheet under tax-driven provisions, is recognized whenever the useful lives for tax purposes are shorter than those used for accounting purposes, or whenever the depreciation method for accounting and tax purposes differs"³⁴.

Intangibles

Engie has 7,569M euros intangible assets registered on the balance sheet from which 674M intangibles with infinite life that "are not amortized but an impairment test has to be performed annually"³⁵. Intangible contains concessions rights, capacity entitlements, licences, brands and customer portfolio. **R&D Research** costs are expensed as incurred. Development costs are capitalized when the asset recognition criteria set out in IAS 38 are met. Capitalized development costs are amortized

^{33 2} and Pm, "Energy Live News – Energy Made Easy – Nuclear and Fossil Fuels Blamed for 'creative Accounting."

^{34 &}quot;Registration Document 2014 • GDF SUEZ," 335.

^{35 &}quot;Registration Document 2014 • GDF SUEZ."



over the useful life of the intangible asset recognized."36.

Engie takes the decision to **capitalize a part of the exploration costs** for 162M Euros. This appears in Balance Sheet under "Other assets".

Finance costs: Capitalized borrowing costs reduce the amount of cost net debt and ultimately Financial Cost with 154M Furos in 2014

Inventory The cost of inventories is determined based on the **first-in**, **first-out** (FIFO) method or the **weighted average cost** formula. The consumption of this nuclear fuel inventory is recorded based on estimates of the quantity of electricity produced per unit of fuel. FIFO is closely to the market value of the inventory; when prices such as gas and oil are going down it reports lower income than the weighted average cost and LIFO system. The weighted average cost formula had an advantage in internal transaction, where buyer and seller are under the same accounting system: it smooths the gaps between the cost of sales and revenue in a volatile market.

<u>Leases</u> are submitted to the application of IAS 17 to determine whether they constitute operating leases or finance leases. Financial lease, related to plants property is a liability, recognized under borrowings. Payments made under "operating leases" are recognized as an expense on a **straight-line basis** over the lease term. "In any capital-intensive industry leasing can be an attractive method of acquiring assets for tax or financing reasons"³⁷.

Provisions, registered in the Noncurrent Liabilities, accounts for policies regarding the estimation of 6233 M euro pension and other post-employment benefits. However, the majority of the provision integrates operating needs such as "back end of the nuclear fuel cycle (processing & storage), site rehabilitation, litigation, claims and tax risks, etc., "Nuclear activities have a strong impact on provisions: they are difficult to evaluate and involve a great amount of uncertainty"³⁸. For the dismantling of nuclear power plants, Engie has an external arrangement with a third party to insure the sustainability of the finance. Concerning the "contingent liabilities", the annual report mentions briefly the potential "changes in the fair value", due to the "changes in scope of consolidation". Furthermore, KPGM stresses that "Most companies did not recognise a provision in respect of emission obligations"³⁹.

FAIR VALUE

The company was affected by the mass impairment measures held in 2013. Impairment tests are realised every year on each sector of activities. The evaluation of recoverable value related to the carrying amount is based on macroeconomic assumptions and price forecasts (scenarios for decrease of price/MWh).

The methodology for the tests are based of cash flow projections by using discount rates, hydrocarbon price trends, exchange rate, estimates reserves, supply and demand.

Due to massive mothballing of thermal power plants, decrease in prices and demand, the impairment was used to adjust the current assets value. Impairment losses count for 14770M euros, on assets (EUR 9.1 billion) and on goodwill (EUR 5.8 billion). It had a tremendous impact on EBIT -6093 and on Net Income after taxes (EAT or PAT) of -8,783 in the condition of a very low portion of tax – only third of the amount of the previous year (-745M Euros vs. -2049M Euros in 2012). In a volatile market, open to any changes and reversal tendency in the future, the impairment might be considered (Peter Taylor FSA course) temporary conservatism "over-adjusting for impairment with potential reversing adjustments – effectively creating "hidden reserves" or facilitating earnings management. "This might insure creditors, hold the credit ratings objectives. Note that impairment regards mainly European thermal power plants and gas reservoirs, which were 1) merely mothballed and not dismantled and 2) adjusted to the temporary decrease in the commodities price. In 2014, Engie discloses that different impairment scenarios for the European business would reveal recoverable value falling below the carrying value.

Recoverable value of the goodwill determined by reference to a value-in-use is calculated based on cash flow projections.

^{36 &}quot;Registration Document 2014 • GDF SUEZ."

^{37 &}quot;Layout 1 - the-Application-of-Ifrs-Power-and-Utility.pdf."

^{38 &}quot;Layout 1 - the-Application-of-Ifrs-Power-and-Utility.pdf."

^{39 &}quot;Layout 1 - Eumcommoditiestradingriskmanagementglossary.pdf."

Goodwill The important amount of goodwill proves the intensive acquisition strategy. As mentioned, goodwill is also submitted to yearly impairment tests and measures and can't e amortised. However, we note that in the recession european context impairment might abruptly reduce the book value.

REVENUES RECOGNITION

Revenues from sales are categorised by energy sales, rendering of services, lease and construction contracts. Details on recognition methodology are provided on the detailed balance sheet below. The need for a calculation procedure is due to regulated prices: "meter readings do not necessarily coincide with the reporting periods". Long-term projects in generation sector are interesting because they have the flexibility to recognize proportions of the project revenues during the life of the project.

Trading with CO2 from power generation CO2 emission and Green Certificates (CG) are registered in "Inventories at CO2 emission allowances, green certificates and certificates of energy efficiency commitment", net." As part of its CO2 brokerage activities, Engie purchases of CO2 emissions amount 131 million tons of CO2 greenhouse gas emissions from thermal power plant generation. No other information is disclosed.

Derivatives: Nearly all utility companies used derivatives in risk management activities⁴¹. Derivatives offer hedging instruments to clients and to the company itself and refer to risks such as interest (debt), commodity prices, and investment.

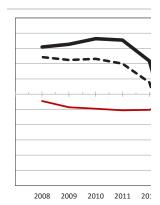
TAX CONSIDERATIONS

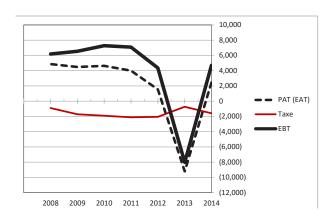
Deferred tax Future tax liabilities results from temporary differences between the treatment of income and expenses for tax and accounting purposes. It helps solving the differences between tax depreciation and accounting depreciation. It has the important role to smooth the net income after taxes (EAT) after using other tools upstream in the income statement such as estimation and judgements for revenue recognition, depreciation, etc.,)

Below an illustration of 2008-2014 accrual smoothness - the *operating income* evolution, EAT evolution exceptionally affected by the impairment versus the volatile cash flow evolution.

In accordance with IAS 12, deferred taxes are recognized according to the liability method on temporary differences between the carrying amounts of assets and liabilities in the consolidated financial statements and their tax bases, using tax rates that have been enacted or substantively enacted by the reporting date.

^{41 &}quot;Layout 1 - the-Application-of-Ifrs-Power-and-Utility.pdf."





^{40 &}quot;Layout 1 - the-Application-of-Ifrs-Power-and-Utility.pdf."

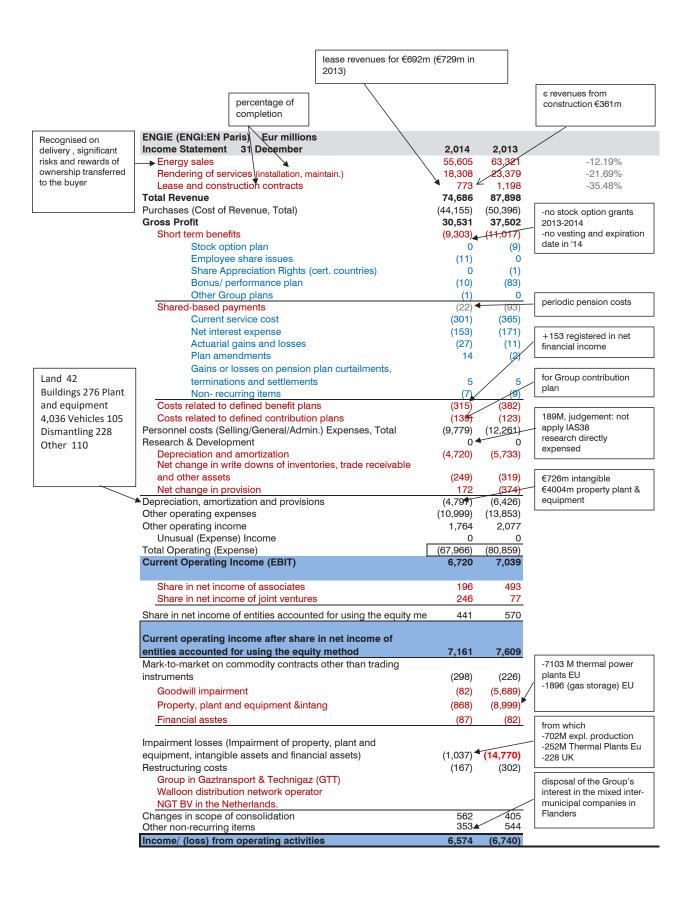




)RA		
	INDIVIDUAL ASSIGNMENT - STUDENT (7107		
	ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December	31-12-14 2014	2013	Г	
	Current Assets	2014	2013		impact of fluctuations in
		0.546	8,706	/	commodity prices (Bren
reasonable estimate	Cash & Equivalents Short Term Investments	8,546	8,700	/[crude) .
of the fair value.	Assets classified as held for sale	0	922	/ [T. 0
		0.546		/	The Group decides
	Cash and Short Term Investments	8,546	9,628		whether or not to
	Accounts Receivable - Trade, Net	21,558	21,057		recognize impairment of a case-by-case basis.
mpairment losses	Loans and receivables at amortised cost	925	1,470 22,527		Uses of commodities
re recorded based	Total Receivables, Net	22,483			derivatives to mitigate
n the estimated risk	Inventories of natural gas, net CO2 emission allowances, green certificates and certificates	2,269	2,489		risk
f non-recovery.		411	322		
,	of energy efficiency commitment, net Inventories of commodities other than gas and other	411	322		
	· ·	0.040	2400		
	inventories, net	2,210	2,162	Γ	
	Total Inventory	4,890	4,973	-	mainly comprise tax
	Capitalized exploration costs for the year	162	/ 194	Į	
erivatives to offer	(not disclosed)		/		
edging instruments	Other Asset	10,049	8,157		
clients and to	Derivatives hedging borrowings	165 /	157		currency derivatives ar
edge its own	Derivatives hedging commodities	7,653	3,648		interest rate derivatives
ositions.	Derivatives hedging other items (related to interest rate)	68	28		
	Derivative instruments	7,886	3,833	Ī	includes concession
		/		/	infrastructures outside
	Financial assets qualifying as at fair value through incom	ie 7/95	732	1	the scope of IFRIC 12
oney market funds	Financial assets designated as at fair value through income	me /	/	l	300pc of if file 12
eld for trading,	(excluding margin calls))	/ 13		[vulnerability
cluded in the	Margin calls on derivatives hedging borrowings - assets	∲ 643 ∕	269		impairment tests sever
alculation of NET	Financial Assets, at fair value through income	1,451	1,001		scenarios
	Total Current Assets	55,305	50,119		recoverable value falling
	Fixed Assets				below the carrying valu
	land	944	1,202		
art of exploration	buidings	4,460	3,988	L	
roduction activity	plant and equipement	92,831	90,110		
	vehicles	390	273	_ r	
	dismantling costs	2,141	1,926		due to equity method,
	assets in production	7,626	8,619		2014 added from
MPAIREMENT test	other	1,053	991		acquisitions:
nacroeconomic	Property/Plant/Equipment, Total - Gross	109,445	107,209		+375M GTT
price forecasts	Accumulated Depreciation, Total	•	(44,098)		+213M Ecova
iscount rates,		(45,414)	, , ,		-134M Walloon
ydrocarbon price	Property/Plant/Equipment, Total - Net	64,031	63,111	Į	,
ends, exchange ate, estimates	Energy - Central Western Europe	8,181	8,312		
eserves. LNG	Distribution	4,009	4,009	г	
upply and demand.	Global Gas & LNG	2,207	2,087	1	recoverable value of the
appry and domand.	Energy - North America	1,389	1,231	/	goodwill determined by
	Energy Services - International	1,016		- 1	reference to a value-in-
			625		use that is calculated
	Energy - United Kingdom - Turkey	630	583		
	Transmission France	630 614	583 614		based on cash flow
	Transmission France Storage	630 614 543	583 614 543		based on cash flow projections
	Transmission France Storage Other (individually less than €500 million)	630 614 543 2,633 ,	583 614 543 2,416		
	Transmission France Storage Other (individually less than €500 million) Goodwill, Net	630 614 543	583 614 543 2,416		
	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts	630 614 543 2,633 ,	583 614 543 2,416		
e businesses	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations	630 614 543 2,633 ,	583 614 543 2,416		projections
ecoverable value	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand,	630 614 543 2,633 ,	583 614 543 2,416		projections €674 million intangible
e businesses / ecoverable value ould remain above	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses	630 614 543 2,633 ,	583 614 543 2,416		projections €674 million intangible with infinit life not
e businesses / ecoverable value ould remain above	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio	630 614 543 2,633 ,	563 614 543 2,416 20,420		projections €674 million intangible
e businesses / ecoverable value ould remain above	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses	630 614 543 2,633 ,	583 614 543 2,416		projections €674 million intangible with infinit life not
e businesses // coverable value ould remain above	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio	630 614 543 2,633 21,222	563 614 543 2,416 20,420		projections €674 million intangible with infinit life not
e businesses // coverable value ould remain above e carrying amount	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net	630 614 543 2,633 21,222	563 614 543 2,416 20,420		projections €674 million intangible with infinit life not
e businesses // ecoverable value ould remain above le carrying amount	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities	630 614 543 2,633 21,222 7,569 2,893	563 614 543 2,416 20,420 7,042 3,015		e674 million intangible with infinit life not amortised
e businesses // coverable value ould remain above e carrying amount oftware, Technical sses, Intangible	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates	630 614 543 2,633 21,222 7,569 2,893 5,191	563 614 543 2,416 20,420 7,042 3,015 522		projections €674 million intangible with infinit life not amortised 2014 influenced by
e businesses // coverable value ould remain above e carrying amount oftware, Technical sses, Intangible	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures	7,569 2,893 5,191 1,864	7,042 3,015 522 2,277		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of
e businesses // coverable value ould remain above e carrying amount oftware, Technical sses, Intangible	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity	7,569 2,893 5,191 1,864 7,055	7,042 3,015 4,522 2,2,77 6,798		projections €674 million intangible with infinit life not amortised 2014 influenced by
e businesses // coverable value ould remain above e carrying amount oftware, Technical sses, Intangible	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments	7,569 2,893 5,191 1,864 7,055 9,948	7,042 3,015 4,522 2,277 6,799 9,814		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of
ecoverable value ould remain above the carrying amount offtware, Technical tesses, Intangible	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies	7,569 2,893 5,191 1,864 7,055 9,948 664	7,042 3,015 1,522 2,277 6,799 9,814 558		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of
ecoverable value ould remain above the carrying amount offtware, Technical tesses, Intangible	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost	7,569 2,893 5,191 1,864 7,055 9,948 664 762	7,042 3,015 4,522 2,277 6,798 9,814 558 791		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of
ecoverable value ould remain above the carrying amount offtware, Technical tesses, Intangible	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913	7,042 3,015 5,22 2,2,77 6,798 9,814 558 791 20 529		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation
ecoverable value ould remain above the carrying amount oftware, Technical isses, Intangible ssets in progress	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT)	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960	7,042 3,015 522 2,377 6,799 9,814 558 791 20 529 1,898		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation
ecoverable value ould remain above the carrying amount offtware, Technical asses, Intangible assets in progress	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978	7,042 3,015 522 2,377 6,799 9,814 558 791 20 529 1,898 637		enterprise projections €674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative
ecoverable value rould remain above the carrying amount oftware, Technical sases, Intangible ssets in progress	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings Cash flow hedges	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978 207	7,042 3,015 522 2,377 6,798 9,814 558 791 20 529 1,898 637 152		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative risk arising from
ecoverable value vould remain above ne carrying amount oftware, Technical asses, Intangible ssets in progress	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings Cash flow hedges Other derivative instruments	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978 207 509	7,042 3,015 4,522 2,277 6,798 9,814 558 791 20 529 1,898 637 152 728		enterprise projections €674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative
ecoverable value vould remain above ne carrying amount oftware, Technical asses, Intangible assets in progress	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings Cash flow hedges Other derivative instruments Derivatives hedging commodities	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978 207 509 716	7,042 3,015 4,522 2,277 6,798 9,814 558 791 20 529 1,898 637 152 728 880		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative risk arising from
egulated nature of the businesses // ecoverable value rould remain above the carrying amount oftware, Technical passes, Intangible assets in progress anange exposure to parket risks arisen to portfolio panagement; and adding and related	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings Cash flow hedges Other derivative instruments Derivatives hedging commodities Derivatives hedging other items (related to interest rate)	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978 207 509 716 1,038	7,042 3,015 4,522 2,277 6,798 9,814 558 791 20 529 1,898 637 152 728 880 833		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative risk arising from
ecoverable value ould remain above the carrying amount offtware, Technical the seets in progress anage exposure to arket risks arisen om portfolio anagement; and ading and related to price (fluctuation)	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable ander finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings Cash flow hedges Other derivative instruments Derivatives hedging commodities Derivative instruments	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978 207 509 716	7,042 3,015 4,522 2,277 6,798 9,814 558 791 20 529 1,898 637 152 728 880		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative risk arising from
ecoverable value ould remain above the carrying amount offtware, Technical the seets in progress anage exposure to arket risks arisen om portfolio anagement; and ading and related to price (fluctuation)	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings Cash flow hedges Other derivative instruments Derivatives hedging commodities Derivative instruments Derivative instruments (not disclosed)	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978 207 509 716 1,038 2,732	7,042 3,015 1,522 2,377 6,798 9,814 558 791 20 529 1,898 637 152 728 880 833 2,350		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative risk arising from investing activities
ecoverable value vould remain above ne carrying amount oftware, Technical asses, Intangible assets in progress	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings Cash flow hedges Other derivative instruments Derivative shedging commodities Derivative shedging other items (related to interest rate) Derivative instruments	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978 207 509 716 1,038 2,732	7,042 3,015 2,416 20,420 7,042 3,015 1,522 2,377 6,799 9,814 558 637 152 728 880 833 2,350		encore projections €674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative risk arising from investing activities
ecoverable value rould remain above the carrying amount offware, Technical passes, Intangible ssets in progress of parket risks arisen om portfolio panagement; and ading and related price (fluctuation)	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings Cash flow hedges Other derivative instruments Derivatives hedging commodities Derivative shedging other items (related to interest rate) Derivative instruments	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978 207 509 716 1,038 2,732	7,042 3,015 522 2,377 6,799 9,814 558 791 20 529 1,898 637 152 728 880 833 2,350		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative risk arising from investing activities mainly comprise tax an employee-related
ecoverable value rould remain above the carrying amount offware, Technical passes, Intangible ssets in progress of parket risks arisen om portfolio panagement; and ading and related price (fluctuation)	Transmission France Storage Other (individually less than €500 million) Goodwill, Net Intangible rights arising on concession contracts Capacity entitlements from power stations Licenses Gas de France, brand, Exploration-production licenses Customer portfolio Intangibles, Net Available for sales securities Investments in associates Investments in joint ventures Investments in entities accounted for using the equity Long Term Investments Loans granted to affiliated companies Other receivables at amortized cost Amounts receivable under finance leases Amounts receivable under finance leases Loans and receivables at amortise costs (N.RLT) Derivatives hedging borrowings Cash flow hedges Other derivative instruments Derivative shedging commodities Derivative shedging other items (related to interest rate) Derivative instruments	7,569 2,893 5,191 1,864 7,055 9,948 664 762 620 913 2,960 978 207 509 716 1,038 2,732	7,042 3,015 2,416 20,420 7,042 3,015 1,522 2,377 6,799 9,814 558 637 152 728 880 833 2,350		e674 million intangible with infinit life not amortised 2014 influenced by Changes in the scope of consolidation currency derivatives an interest rate derivative risk arising from investing activities



	Current Liabilities			NET DEBT
	Bond issues	1,705	1,775	27,747 LT
	Bank borrowings	1,116	937	9,107 ST
financial lease	Commercial paper	5,219	5,621	(80)
assets held under	Drawdowns on credit facilities	48	31	510
finance leases are	Liabilities under finance leases	92	103	356
recorded	Other borrowings	458	89	47
as property, plant	Bank overdrafts and current accounts	469	574	633
and equipment	Impact of measurement at amortized cost	510	572	226
	Impact of fair value hedges	47	44	175
	Margin calls on derivatives hedging borrowings -			
	liabilities	√ 633	569	(808)
embedded	Short-term debt borrowings	10,297	10,315	(643)
derivative is	Derivatives hedging borrowings	175	162	(8,546)
separated from its	Derivatives hedging commodities	5,619	3,702	(978)
nost contract	Derivatives hedging other items(2)	101	178	(165)
	Derivative instruments	5,895	4,042	27,510
derivative is	Trade payables	17,957	15,596	
neasured at fair	Payable on fixed assets	842	802	use a mix of fixed rates.
alue, while debt is	Other Payables (Trade and other payable)	18,799	16,398	floating rates and
subsequently	Total Short-term debt	34,991	30,755	capped floating rates
ecorded at	Provisions Accrued Expenses	2.137	2,032	uses hedging
amortized cost using	Other Current liabilities, Total	14,370	13,521	instruments, particularly
the effective interest	Liab dr. Asoc. with Assets classified as held for sale	,	434	interest rate swaps and
method,	Total Current Liabilities	51,498	46,741	options interest rate
	Nøn-current Liabilities	,	,	options (caps) protecting
	Bond issues	21,155	21,400	it from a rise in short-
mpact of	Bank borrowings	4,977	5.600	term interest rates for the
luctuations in	Drawdowns on credit facilities	640	662	euro.
commodity prices	Liabilities under finance leases	423	395	
Brent crude) .	Other borrowings	552	507	
Diciti ciaacj .	- Control of the cont			Multi-employer plans
	Impact of measurement at amortized cost	(80)	(96)	Other pension schemes
	Impact of fair value hedges	356	108	benefits granted to
	Long Term Debt (borrowings)	28,023	28,576	current and former EGI
	Derivatives hedging borrowings	226	339	sector employees, of the
	Derivatives hedging commodities	945	1,008	gas and electricity sector
	Derivatives hedging other items(2)	1,849	715	in Belgium
	Derivative instruments	3,020	2,062	collective agreements
	Capital Lease Obligations	286	213	
	Total Long Term Debt	31,329	30,851	
	Post employment and other LT benefits	6,233◀		
	Back end of the nuclear fuel cycle (processing & storage)			
	Dismantling of plant and equipment			
	Site rehabilitation			2014 influenced by
	Litigation, claims and tax risks			Changes in the scope of
	Other contingencies			consolidation
	Provisions	16,402	14,066	
	Other Liabilities, Total	1,078	1,147	
Laster IEDO Ales	i louiei Liabiliues. Iolai		9,466	net 8,059 8,976
Jnaer IFRS, the		0.020		net 6,059 6,976
	Deferred tax liabilities	9,039		
minority interest	Deferred tax liabilities Total Non-current Liabilities	57,848	55,530	
minority interest (non-controlling interest) is reported	Deferred tax liabilities			
minority interest (non-controlling interest) is reported in the Equity section	Deferred tax liabilities Total Non-current Liabilities Total Liabilities	57,848	55,530	
minority interest (non-controlling nterest) is reported in the Equity section of the consolidated	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity	57,848 109,346	55,530 102,271	·
minority interest (non-controlling interest) is reported in the Equity section of the consolidated balance sheet.	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital)	57,848 109,346 2,435	55,530 102,271 2,413	
minority interest (non-controlling nterest) is reported in the Equity section of the consolidated balance sheet. Under US GAAP,	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital	57,848 109,346 2,435 32,506	55,530 102,271 2,413 32,207	repurchase program
minority interest (non-controlling nterest) is reported n the Equity section of the consolidated balance sheet. Under US GAAP, minority interest can	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital Retained Earnings (Accumulated Deficit)	57,848 109,346 2,435 32,506 15,351	55,530 102,271 2,413 32,207 15,814	repurchase program
minority interest (non-controlling nterest) is reported in the Equity section of the consolidated balance sheet. Under US GAAP, minority interest can be reported in the	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital Retained Earnings (Accumulated Deficit) Treasury Stock - Common	57,848 109,346 2,435 32,506	55,530 102,271 2,413 32,207	repurchase program
minority interest (non-controlling nterest) is reported in the Equity section of the consolidated balance sheet. Under US GAAP, minority interest can be reported in the	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital Retained Earnings (Accumulated Deficit) Treasury Stock - Common Minority Interest	57,848 109,346 2,435 32,506 15,351	55,530 102,271 2,413 32,207 15,814	repurchase program
minority interest (non-controlling interest) is reported in the Equity section of the consolidated collance sheet. Under US GAAP, minority interest can be reported in the	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital Retained Earnings (Accumulated Deficit) Treasury Stock - Common	57,848 109,346 2,435 32,506 15,351 (957)	2,413 32,207 15,814 (1,109)	repurchase program
minority interest (non-controlling interest) is reported in the Equity section of the consolidated balance sheet. Under US GAAP, minority interest can be reported in the	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital Retained Earnings (Accumulated Deficit) Treasury Stock - Common Minority Interest	57,848 109,346 2,435 32,506 15,351 (957) 6,432	2,413 32,207 15,814 (1,109) 5,689	repurchase program
minority interest (non-controlling interest) is reported in the Equity section of the consolidated balance sheet. Under US GAAP, minority interest can be reported in the	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital Retained Earnings (Accumulated Deficit) Treasury Stock - Common Minority Interest Unrealized Gain (Loss)	2,435 32,506 15,351 (957) 6,432 0	2,413 32,207 15,814 (1,109) 5,689 0	repurchase program
minority interest (non-controlling interest) is reported in the Equity section of the consolidated balance sheet. Under US GAAP, minority interest can be reported in the	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital Retained Earnings (Accumulated Deficit) Treasury Stock - Common Minority Interest Unrealized Gain (Loss) Other Equity, Total (translation adjustments)	57,848 109,346 2,435 32,506 15,351 (957) 6,432 0 192	2,413 32,207 15,814 (1,109) 5,689 0 (1,353)	repurchase program
Under IFRS, the minority interest (non-controlling interest) is reported in the Equity section of the consolidated balance sheet. Under US GAAP, minority interest can be reported in the liabilities section	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital Retained Earnings (Accumulated Deficit) Treasury Stock - Common Minority Interest Unrealized Gain (Loss) Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest	57,848 109,346 2,435 32,506 15,351 (957) 6,432 0 192 55,959	2,413 32,207 15,814 (1,109) 5,689 0 (1,353) 53,659	. repurchase program
minority interest (non-controlling interest) is reported in the Equity section of the consolidated balance sheet. Under US GAAP, minority interest can be reported in the	Deferred tax liabilities Total Non-current Liabilities Total Liabilities Shareholders' Equity Common Stock, Total (share capital) Additional Paid-In Capital Retained Earnings (Accumulated Deficit) Treasury Stock - Common Minority Interest Unrealized Gain (Loss) Other Equity, Total (translation adjustments) Total Equity	57,848 109,346 2,435 32,506 15,351 (957) 6,432 0 192 55,959	2,413 32,207 15,814 (1,109) 5,689 0 (1,353) 53,659	repurchase program





Interest expense on gross debt and hedges	(1,204)	(1,659)	
Foreign exchange gains/losses on borrowings and			attributable to acquisition,
hedges		(21)	construction, production
Ineffective portion of derivatives qualified as fair value			
hedges assets at fair value through income	(21)		
Gains and losses on cash and cash equivalents and			
financial			
Capitalized borrowing costs	154	155	
Cost of net debt	(1,071)	(1,525)	
Income from debt restruct transact and unwinding derivative			
financial instrument	(460)	(256)	
Other	(932)	(663)	
Financial Expense, Net Non-Operating	(2,463)	(2,444)	
Interest expense on gross debt and hedges			
Foreign exchange gains/losses on borrowings and	21		
Ineffective portion of derivatives qualified as fair value	111	2	
Gains and losses on cash and cash equivalents and		125	
Capitalized borrowing costs			
Cost of net debt	132	127	
Income from debt restruct transact and unwinding derivative			
financial instrument	239	103	
Other	215	268	
Financial Income - Non-Operating	586	498	
Net financial loss Interest Income(Exp), Net Non-Operating	(1,877)	(1,946)	
Gain (Loss) on Sale of Assets	0	0	
Other, Net	0	0	
Net Income Before Taxes	4,697	(8,686)	
Current income taxes	(1,918)	(2,245)	
Tax loss carry-forwards and tax credits	439	(43)	
Pension obligations	(12)	11	
Non-deductible provisions	60	183	
Difference between the carrying amount of PP&E			
and intangible assets and their tax bases	(261)	291	
Measurement of financial instruments at fair value	229	(27)	
Other	(64)	179	
TOTAL Deferred tax liabilities:	391	594	
Difference between the carrying amount of PP&E	159	817	
Tax driven provisions	19	(10)	
Measurement of financial instruments at fair value	(264)	(8)	
Other	25	109	
TOTAL Deferred tax liabilities:	-61	908	
Deferred taxes	330	1,501	
Income Tax Expense	(928)		
Share in net income of associates	NA	NA	
Net Income After Taxes	3,769	(6,428)	
GDF SUEZ E&P International Group	80	108	
GRTgaz Group	91	70	
F CL Group (REL Chile)	1/	0	

14

9

ordinary shares outstanding at the beginning of the year, adjusted by the number of ordinary shares bought back or issued during the year.

GRTgaz Group E-CL Group (BEI, Chile)

COMPANY CALCULATIONS

EBITDA

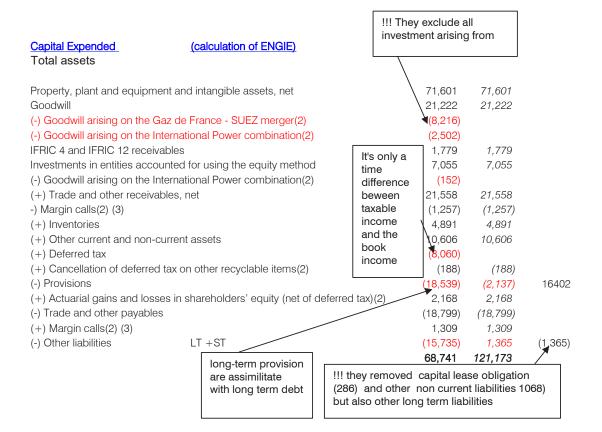
From 2012, a new formula of calculating EBITDA. The paper uses a simplifies method to calculate EBITDA in order to be able to compare ratios with competitors.

CAPITAL EXPENDED

Capital expenditure is calculated as followed:

CAPITAL EXPENDED cf. ENGIE

Notes capital expenditure vs. Capital invested





FINANCIAL STATEMENT ANALYSIS

OBJECTIVES

The paper would like to assess the impact of the new strategy of the company, in a high volatile and destress environment. The aim is to evaluate the effect of the restructuring policies and the investment in the energy mix concept including renewable source for energy, on the company's financial statements. Secondly, the idea is to evaluate their performance and position related to competitors.

Key issues from FSA course:

Identify the source(s) of competitive advantage. What must be done to maintain, or could be maintained?

Why not a competitive advantage and how can be created?

The present analysis focuses on the evaluation of ENGIE as a portfolio of activities along the value chain. Although, the paper mentions the structure of the revenues by business units and activities, it will assess the ability of the business as a whole and use group figures and ratios.

Note: Insufficient information about business units do not allow the breakdown of analysis. Difficulties in assessing the consistent information rose from the inconsistency of some calculation presented by Engie in different documents: Some figures are not disclosed, or they are disclosed as quantitative information in calculations. Those figures are not registered in the balance or income statement. To assess EBITDA calculation, one might be easily consult previous annual report to understand the logic behind, rather than looking for explanation in the latest. In the annual report DEBT/ EBITDA is calculated using submitted 2013 report, although the information was restated cf. equity method and other ratios use restated numbers.

In Analyst Pack FY 2013 Results (not subject to regulations) from February 27, 2014, CAPEX is calculated using PRO FORMA versions. WCR is calculated once by IFRS methodology but also by the company's approach.

Although disclosed, the calculation of CAPEX from 2014 uses figures impossible to commutate from the Balance sheet. Not enough details are provided in the notes. Derivatives are adding important noise.

The paper used Reuters, Financial Time and Yahoo for compiling figures for competitors chosen for benchmarking. However, the first part of the Income statement of EDF, ENEL and E.ON had to be restated in order to eliminate extraordinary costs from the EBIT. There are possible errors (some will be mentioned in the paper) as far as every company choose different assumption for personal and administration cost, depreciation and impairments spin-offs, mark-to-market adjustments, etc.



ENGIE (ENGI:EN Paris) Eur millions								
Income Statement 31 December		014	2013	2012	2011	2010	2009	2008
Revenue	74,	686	87,898	97,038	90,673	84,478	79,908	67,923
Other Revenue, Total		0	0	0	0	0		
Total Revenue	74,0		87,898	97,038	90,673	84,478	79,908	67,923
Purchases (Cost of Revenue, Total)	(44,1		(50,396)	(52,177)	(46,695)	(44,672)	(41,406)	(35,879)
Gross Profit	30,		37,502	44,861	43,978	39,806	38,502	32,044
Personnel costs (Selling/General/Admin.) Expenses, Total	(9,7		(11,615)	(13,234)	(12,775)	(11,755)	(11,365)	(9,679)
Research & Development		0						
Depreciation, amortization and provisions	(4,7		(6,426)	(7,113)	(7,115)	(5,899)	(5,183)	(3,714)
Other operating expenses	(10,9		(13,853)	(17,188)	(17,226)	(14,381)	(13,607)	(12,429)
Other operating income	1,	764	2,077	2,194	2,116	1,025		
Unusual (Expense) Income (no IFRS)		0						
Total Operating (Expense)	(67,9		(80,213)	(87,518)	(81,695)	(75,682)	(71,561)	(61,700)
Current Operating Income (EBIT)	6,	720	7,685	9,520	8,978	8,796	8,347	6,223
Share in net income of entities accounted for using the equity method		441	570					
Current operating income after share in net income of entities								
accounted for using the equity method	7,1	161	8,256 N	IA I	I A	N N	IA N	IA
Mark-to-market on commodity contracts other than trading instruments	(2	98)	(226)	109	(105)	(106)	(323)	564
Impairment losses (Impairment of property, plant and equipment,				l				
intangible assets and financial assets)	(1,0		(14,770)	(2,474)	(532)	(1,468)	(472)	(812)
Restructuring costs		67)	(302)	(342)	(189)	(206)	(179)	(254)
Changes in scope of consolidation		562	405	155	1,514	1,185	367	
Other non-recurring items		353	544	165	18	1,297	434	1,957
Income/ (loss) from operating activities	6,	574	(6,093)	7,133	9,684	9,498	8,174	7,677
Financial Expense, Net Non-Operating	(2,4	62)	(2,444)	(3,433)	(3,383)	(2,810)	(2,638)	(2,321)
Financial Income - Non-Operating		586	498	658	778	589	1,010	827
Gain (loss) on sale assets	NA							
Net financial loss Interest Income(Exp), Net Non-Operating	(1,8	376)	(1,946)	(2,775)	(2,605)	(2,221)	(1,628)	(1,494)
Net Income Before Taxes (EBT)	4,0	698	(8,039)	4,358	7,079	7,277	6,546	6,183
Income Taxe Expense	(1,5	(88	(745)	(2,049)	(2,119)	(1,913)	(1,719)	(912)
Share in net income of associates	NA	N.	A	433	462	264	403	318
Net Income After Taxes (EAT or PAT)	3,	110	(8,783)	2,742	5,422	5,628	5,230	5,590
Non-controlling interests Minority Interest		669	414	1,199	1,418	1,010	753	734
Equity In Affiliates				.,	.,	.,		
Net income/(loss) Group share								
Net Income Before Extra. Items	2.4	441	(9,197)	1,543	4,004	4,618	4,477	4,856
Discontinued Operations	-,		(-,)	.,	.,	.,	.,	.,500
Net Income	2.	441	(9,197)	1,543	4,004	4,618	4,477	4,856
			(0)101)	1,0.10	-1,004	-1,010	7,777	-1,000



In green: figures have been modified with data from annual reports, in order to differentiate between depreciation and impairment, and to remove mark-to market, restructuring costs from the EBIT. However, it is assumed that some costs where not identified.

2014	2013	2012	2011	2010	2014	2013	2012	2011	2010	2014	2013	2012	2011	2010
72,874	71,916	72,178	65,307	65,320	111,556	119,688	132,093	112,954	92,863	63,931 9,397	69,956 5,471	82,431	77,573	71,943
72,874	71,916	72,178	65,307	65,320	111,556	119,688	132,093	112,954	92,863	73,328	75,427	82,431	77,573	71,943
(45,885)	(46,403)	(47,185)	(40,126)	(36,758)	(98,557)	(105,399)	(115,224)	(97,843)	(73,493)	(54,107)	(55,652)	(62,362)	(57,341)	(50,085)
26,989	25,513	24,993	25,181	28,562	12,999	14,289	16,869	15,111	19,370	19,221	19,775	20,069	20,232	21,858
(11,785)	(11,291)	(11,710)	(10,802)	(11,422)	(3,727) (49)	(4,135) (71)	(4,713) (44)	(5,428)	(4,693)	(4,864)	(4,555)	(5,789)	(4,296)	(4,907)
(7,940)	(7,154)	(6,849)	(6,285)	(7,426)	(3,230)	(3,102)	(3,567)	(3,689)	(3,752)	(5,204)	(5,366)	(5,596)	(5,270)	(5,272)
5,668	5,358	(3,287)	(3,101)	(3,607)	-3,592	(4,527)	(4,959)	(5,210)	(5,102)	(838)	(1,387)	(2,306)	(2,185)	(2,557)
(3,593)	(3,481)	6,002	3,661	3,090	2,319	4,561	2,958	3,199	4,738	2,381	3,215	4,249	3,294	3,199
(17,650)	(62,971)	(63,029)	(56,653)	(56,123)	(106,836)	(112,673)	(125,549)	(108,971)	(82,302)	(62,632)	(63,745)	(71,804)	(65,798)	(59,622)
9,339	8,945	9,149	8,654	9,197	4,720	7,015	6,544	3,983	10,561	10,696	11,682	10,627	11,775	12,321
179	262				(273)	(210)				35	(217)			
9,518	9,207	NA	NA	NA	4,447	6,805	6,544	3,983	10,561	10,731	11,465			
203	14	(69)	(116)	15	405	725	(461)	(1,860)	2,728	(225)	(378)	(452)	288	(393)
(1,189)	(617)	(752)	(640)	(1,743)	(5,437)	(2,032)	(1,511)	(3,392)	(2,705)	(7,466)	(1,585)	(3,407)	(1,057)	(950)
(157)	(227)	(164)	(221)	(428)										
(212)	219	(5)	775	(801)	(91)	(515)			(48)	47	238	38	272	280
8,163	8,596	8,159	8,452		(676)	4,983	4,461	(1,269)	10,536	3,087	9,740	6,806	11,278	11,258
(2,243)	(2,262)	(2,891)	(1,509)	(1,672)				339	254	(316)	(224)	(410)	(220)	(377)
(2,996)	(2,9 3 1)	(2,113)	(2,284)	(2,724)	(2,692)	(2,572)	(2,611)	(2,810)	(2,924)	(2,952)	(2,820)	(2,970)	(2,752)	(2,667)
2,688	2,251	702 968	13	(30)	882 107	668	1,287	317	534	103	457	456	44	(140)
(2,551)	(2,942)	(3,334)	(3,780)	(4,426)	(1,703)	(1,904)	(1,324)	(2,154)	(2,136)	(3,165)	(2,587)	(2,924)	(2,928)	(3,184)
5,612	5,654	4,825	4,672	1,814	(2,379)	3,079	3,137	(3,423)	8,400	(78)	7,153	3,882	8,350	8,074
(1,839)	(1,896)	(1,573)	(1,336)	(1,079)	(576)	(718)	(698)	1,036	(1,946)	850	(2,373)	(2,440)	(3,027)	(2,401)
3,773	3,758	3,252	3,336	735	(2,955)	2,361	2,439	(2,387)	6,454	772	4,780	1,442	5,323	5,673
72	241	238	239	235	30	368	424	358	428	255	1,545	1,204	1,210	1,283
		(261)	(51)	(134)			137	512	663			88	96	14
3,701	3,517	3,275	3,148	634	(2,985)	1,993	1,878	(3,257	5,363	517	3,235	150	4,017	4,376
0.701	3.517	0.075	0.140	604	175	(98)	(37)	(14)	836	- F17	0.005	150	4.017	4.076
3,701	3,017	3,275	3,148	634	(3,160)	2,091	1,915	(3,243)	4,527	517	3,235	150	4,017	4,376

figures from annual reports are different from Reuter.

change place of "Share in net income of entities accounted for using the equity method"in order to harmonise the figures



NGIE (ENGI:EN Paris) Eur millions	31-12-14						
Balance Sheet 31 December	2014	2013	2012	2011	2010	2009	2008
urrent Assets							
ash & Equivalents	8,546	8,706	11,383	14,675	11,296	10,324	9,049
hort Term Investments	0,540	0,700	77,000	14,015	11,230	10,024	3,043
ssets classified as held for sale		922	3,145	1,298	0		
ash and Short Term Investments	8,546	9,628	14,528	15,973	11,296	10,324	9,049
ccounts Receivable - Trade, Net	21,558	21,057	25,034	23,135	20,501	19,749	22,729
pans and receivables at amortised cost	925	1,470	1,630	1,311	1,032	947	1,346
otal Receivables, Net	22,483	22,527	26,664	24,446	21,533	20,696	24,076
otal Inventory	4,891	4,973	5,423	5,436	3,870	3,947	4,209
inancial Assets, at fair value through income	1,450	1,001	432	2,885	1,713	1,680	769
erivative instruments	7,886	3,833	4,280	5,313	5,739	7,405	9,440
ther financial assets at fair value	9,336	4,834	4,712	8,198	7,452	9,085	10,209
ther Asset	10,049	8,157	9,012	9,456	6,957	5,094	4,481
otal Current Assets	55,305	50,119	60,339	63,508	51,108	49,146	52,024
xed Assets							
roperty/Plant/Equipment, Total - Gross	109,446	107,209	130,015	127,869	111,551	98,360	88,946
ccumulated Depreciation, Total	(45,414)	(44,098)	(43,418)	(37,749)	(32,848)	(28,695)	(25,463)
roperty/Plant/Equipment, Total - Net	64,032	63,111	86,597	90,120	78,703	69,665	63,48
ioodwill, Net	21,222	20,420	30,035	31,362	27,933	27,989	27,510
tangibles, Net	7,569	7,042	13,020	13,226	12,780	11,420	10,692
vailable for sales securities	2,893	3,015	3,398	3,299	3,252	3,563	3,309
vestments in entities accounted for using the equity	7,055	6,799	2,961	2,619	1,980	2,176	3,104
ong Term Investments	9,948	9,815	6,359	5,918	5,232	5,739	6,41
pans and receivables at amortise costs (N.RLT)	2,960	1,898	3,541	3,813	2,794	2,426	2,304
erivative instruments	2,733	2,351	3,108	2,912	2,532	1,927	2,893
ther Assets	557	685	962	1,173	1,440	1,696	1,272
ther Long Term Assets, Total eferred tax assets	3,290	3,036 491	4,070 1,487	4,085 1,379	3,972 1,909	3,623 1,419	4,165 618
							010
	980 110.001						
otal Fixed Assets	110,001	105,813	145,108	149,903	133,323	122,280	115,184
otal Fixed Assets otal Assets							
otal Fixed Assets otal Assets current Liabilities	110,001 165,306	105,813 155,932	145,108 205,447	149,903 213,410	133,323 184,431	122,280 171,426	115,18 ⁴
otal Fixed Assets otal Assets turrent Liabilities hort-term debt borrowings	110,001 165,306	105,813 155,932 10,316	145,108 205,447 11,962	149,903 213,410 13,213	133,323 184,431 9,059	122,280 171,426	115,184 167,208 14,641
otal Fixed Assets otal Assets current Liabilities hort-term debt borrowings erivative instruments	110,001 165,306 10,297 5,895	105,813 155,932 10,316 4,043	145,108 205,447 11,962 4,092	149,903 213,410 13,213 5,185	133,323 184,431 9,059 5,738	122,280 171,426 10,117 7,170	115,184 167,208 14,641 9,472
otal Fixed Assets otal Assets current Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable)	110,001 165,306 10,297 5,895 18,799	105,813 155,932 10,316 4,043 16,398	145,108 205,447 11,962 4,092 19,482	149,903 213,410 13,213 5,185 18,387	133,323 184,431 9,059 5,738 14,835	122,280 171,426 10,117 7,170 12,887	115,184 167,208 14,641 9,472 17,915
otal Fixed Assets otal Assets urrent Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt	110,001 165,306 10,297 5,895 18,799 34,991	105,813 155,932 10,316 4,043 16,398 30,757	145,108 205,447 11,962 4,092 19,482 35,536	149,903 213,410 13,213 5,185 18,387 36,785	133,323 184,431 9,059 5,738 14,835 29,632	122,280 171,426 10,117 7,170 12,887 30,174	115,184 167,208 14,641 9,472 17,915 42,028
otal Fixed Assets otal Assets current Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt rovisions - Accrued Expenses	110,001 165,306 10,297 5,895 18,799 34,991 2,137	105,813 155,932 10,316 4,043 16,398 30,757 2,032	145,108 205,447 11,962 4,092 19,482 35,536 2,071	149,903 213,410 13,213 5,185 18,387 36,785 1,751	133,323 184,431 9,059 5,738 14,835 29,632 1,480	122,280 171,426 10,117 7,170 12,887 30,174 1,263	115,184 167,200 14,641 9,472 17,915 42,020 2,186
otal Fixed Assets part Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt rovisions -Accrued Expenses ther Current liabilities, Total	110,001 165,306 10,297 5,895 18,799 34,991	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521	145,108 205,447 11,962 4,092 19,482 35,536 2,071 16,820	13,213 5,185 18,387 36,785 1,751 16,738	9,059 5,738 14,835 29,632 1,480 13,861	122,280 171,426 10,117 7,170 12,887 30,174	115,184 167,200 14,641 9,472 17,915 42,020 2,186
otal Fixed Assets urrent Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt rovisions Aecrued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434	11,962 4,092 19,482 35,536 2,071 16,820 1,875	13,213 5,185 18,387 36,785 1,751 16,738 827	9,059 5,738 14,835 29,632 1,480 13,861 0	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469	115,184 167,200 14,641 9,472 17,915 42,021 2,186 7,796
otal Fixed Assets current Liabilities hort-term debt borrowings terivative instruments otal Short-term debt otal Short-term debt otal Short-term debt rovisions -Acerued Expenses other Current liabilities, Total iab dr. Asoc. with Assets classified as held for sale otal Current Liabilities	110,001 165,306 10,297 5,895 18,799 34,991 2,137	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521	145,108 205,447 11,962 4,092 19,482 35,536 2,071 16,820	13,213 5,185 18,387 36,785 1,751 16,738	9,059 5,738 14,835 29,632 1,480 13,861	122,280 171,426 10,117 7,170 12,887 30,174 1,263	115,184 167,208 14,641 9,472 17,915 42,028 2,186 7,796
otal Fixed Assets urrent Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt rovisions Accrued Expenses ther Current liabilities, Total ab dr. Assoc. with Assets classified as held for sale otal Current Liabilities on-current Liabilities	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743	145,108 205,447 11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302	13,213 5,185 18,387 36,785 1,751 16,738 827 56,101	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906	115,184 167,200 14,641 9,472 17,915 42,021 2,186 7,796
otal Fixed Assets urrent Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt rovisions Accrued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale otal Current Liabilities on-current Liabilities ong Term Debt (borrowings)	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010
otal Fixed Assets particular Fixed Fi	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792	115,18: 167,20: 14,641 9,472 17,915 42,02: 2,18: 7,796 52,01: 24,200 2,890
otal Fixed Assets part Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) total Short-term debt rovisions Accrued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale total Current Liabilities on-current Liabilities ong Term Debt (borrowings) perivative instruments apital Lease Obligations	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343	13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911	115,18- 167,200 14,641 9,472 17,915 42,020 7,796 52,010 24,200 2,890 859
otal Fixed Assets urrent Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt rovisions -Aecrued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale otal Current Liabilities on-current Liabilities ong Term Debt (borrowings) erivative instruments apital Lease Obligations otal Long Term Debt	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342	13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858	115,18: 167,20: 14,641 9,472 17,915 42,02: 2,186 7,796 52,01: 24,200 2,890 859 27,94:
otal Fixed Assets urrent Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt rovisions -Acerued-Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale otal Current Liabilities on-current Liabilities ong Term Debt (borrowings) erivative instruments apital Lease Obligations otal Long Term Debt rovisions	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480	13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790	115,18: 167,20: 14,641 9,472 17,915 42,02: 2,186 7,796 52,01! 24,200 2,890 8599 27,94: 12,607
otal Fixed Assets current Liabilities hort-term debt borrowings terivative instruments ther Payables (Trade and other payable) otal Short-term debt rovisions Acerued Expenses other Current liabilities, Total iab dr. Asoc. with Assets classified as held for sale otal Current Liabilities ton-current Liabilities ong Term Debt (borrowings) terivative instruments tapital Lease Obligations otal Long Term Debt rovisions other Liabilities, Total	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,278
particular Fixed Assets particular Fixed Fi	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959	13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202 13,038	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856	115,184 167,208 14,641 9,472 17,915 42,028 2,186 7,796 52,010 24,200 2,890 859 27,948 12,607 1,278 10,546
otal Fixed Assets current Liabilities cont-term debt borrowings crivative instruments ther Payables (Trade and other payable) otal Short-term debt ovisions -Accrued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale otal Current Liabilities con-current Liabilities on-current Liabilities april Lease Obligations otal Long Term Debt ovisions ther Liabilities, Total aferred tax liabilities tat Non-current Liabilities	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489	115,184 167,208 14,641 9,472 17,915 42,028 7,796 52,010 24,200 2,890
otal Fixed Assets current Liabilities nort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt ovoisions -Acerued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale otal Current Liabilities on-current Liabilities on-current Liabilities orig Term Debt (borrowings) erivative instruments apital Lease Obligations otal Long Term Debt ovisions ther Liabilities, Total eferred tax liabilities otal Non-current Liabilities otal Non-current Liabilities	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202 13,038 77,039 133,140	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,278 10,546 52,380 104,390
partial Fixed Assets partial Fixed Assets partial Assets classified as held for sale of the Current Liabilities partial Current Liabilities partial Current Liabilities partial Lease Obligations partial Lease Obligations partial Lease Obligations partial Lease Assets partial Le	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844	13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202 13,038 77,039	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,278 10,546 52,380 104,390
partial Fixed Assets partial Assets classified as held for sale partial Assets classified as held for sale partial Assets	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202 13,038 77,039 133,140	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,278 10,546 52,380 104,390
partial Fixed Assets partial Fixed Assets partial Assets pa	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202 13,038 77,039 133,140	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,278 10,546 52,380 104,390
ortal Fixed Assets current Liabilities nort-term debt borrowings erivative instruments ther Payables (Trade and other payable) ortal Short-term debt rovisions Aecrued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale ortal Current Liabilities on-current Liabilities on-current Liabilities ong Term Debt (borrowings) perivative instruments apital Lease Obligations otal Long Term Debt rovisions ther Liabilities, Total eferred tax liabilities otal Non-current Liabilities otal Non-current Liabilities otal Non-current Liabilities otal Liabilities hareholders' Equity ommon Stock, Total (share capital) dditional Paid-In Capital etained Earnings (Accumulated Deficit)	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202 13,038 77,039 133,140	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,278 10,546 52,381
partial Fixed Assets current Liabilities cont-term debt borrowings crivative instruments that Payables (Trade and other payable) total Short-term debt ovisions Accrued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale otal Current Liabilities con-current Liabilities ong Term Debt (borrowings) crivative instruments aprital Lease Obligations otal Long Term Debt ovisions ther Liabilities otal Non-current Liabilities otal Non-current Liabilities otal Non-current Debt deferred tax liabilities otal Non-current Liabilities otal Non-current Liabilities otal Liabilities nareholders' Equity common Stock, Total (share capital) detitional Paid-In Capital etained Earnings (Accumulated Deficit) easury Stock - Common	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347 0 2,435 32,506 15,551 (957)	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 43,375 3,310 44,431 2,202 13,038 77,039 133,140 62,930	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899 60,285	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,276 10,546 52,38 104,399
partial Fixed Assets partial Lease	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347 0 2,435 32,506 15,351 (957) 6,432	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273 0 2,413 32,207 15,814 (1,199) 5,689	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202 13,038 77,039 133,140	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,276 10,546 52,38 104,399
particular Fixed Assets particular Fixed F	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347 0 2,435 32,506 15,351 (957) 6,432 0	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273 0 2,413 32,207 15,814 (1,109) 5,689 0	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 43,375 3,310 44,431 2,202 13,038 77,039 133,140 62,930	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899 60,285	115,18- 167,200 14,641 9,472 17,915 42,020 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,276 10,546 52,38 104,399
otal Fixed Assets urrent Liabilities hort-term debt borrowings erivative instruments ther Payables (Trade and other payable) otal Short-term debt rovisions -Accrued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale otal Current Liabilities on-current Liabilities ong Term Debt (borrowings) erivative instruments apital Lease Obligations otal Long Term Debt rovisions ther Liabilities, Total eferred tax liabilities otal Non-current Liabilities otal Nicolary (Short Common Liabilities) otal Liabilities thareholders' Equity ommon Stock, Total (share capital) dditional Paid-In Capital etained Earnings (Accumulated Deficit) reasury Stock - Common limority Interest inrealized Gain (Loss) ther Equity, Total (translation adjustments)	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347 0 2,435 32,506 15,351 (957) 6,432 0 192	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273 0 2,413 32,207 15,814 (1,109) 5,689 0 (1,353)	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145 59,834	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 684 47,369 14,431 2,202 13,038 77,039 133,140 62,930	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804 62,114	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899 60,285	115,184 167,208 14,641 9,472 17,915 42,026 2,186 7,796 52,010 24,200 2,890 859 27,944 12,607 1,278 104,390 57,748
particular Fixed Assets particular Fixed F	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347 0 2,435 32,506 15,351 (957) 6,432 0	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273 0 2,413 32,207 15,814 (1,109) 5,689 0	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 43,375 3,310 44,431 2,202 13,038 77,039 133,140 62,930	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899 60,285	115,184 167,208 14,641 9,472 17,915 42,028 2,186 7,796 52,010 24,200 2,890 859 27,948 12,607 1,278 10,546 52,380
stal Assets current Liabilities cont-term debt borrowings cinvative instruments that Payables (Trade and other payable) stal Short-term debt ovisions - Accrued Expenses ther Current liabilities, Total ab dr. Asoc. with Assets classified as held for sale stal Current Liabilities con-current Liabilities con-current Liabilities con-current Liabilities con-current Debt (borrowings) con-current Debt (borrowings) con-current Debt (borrowings) control of the	110,001 165,306 10,297 5,895 18,799 34,991 2,137 14,370 51,498 28,024 3,020 286 31,330 16,402 1,078 9,039 57,849 109,347 0 2,435 32,506 15,551 (957) 6,432 0 192 55,959	105,813 155,932 10,316 4,043 16,398 30,757 2,032 13,521 434 46,743 28,576 2,062 213 30,851 14,066 1,147 9,466 55,530 102,273 0 2,413 32,207 15,814 (1,109) 5,689 0 (1,353) 53,659	11,962 4,092 19,482 35,536 2,071 16,820 1,875 56,302 45,248 2,751 343 48,342 15,480 2,063 11,959 77,844 134,145 59,834	149,903 213,410 13,213 5,185 18,387 36,785 1,751 16,738 827 56,101 43,375 3,310 43,375 3,310 43,375 3,310 62,930 17,340 80,270	9,059 5,738 14,835 29,632 1,480 13,861 0 44,973 38,179 2,104 780 41,063 12,989 2,342 12,437 68,831 113,804 62,114	122,280 171,426 10,117 7,170 12,887 30,174 1,263 12,469 43,906 32,155 1,792 911 34,858 12,790 2,489 11,856 61,994 105,899 60,285	115,184 167,208 14,641 9,472 17,915 42,021 2,186 7,796 52,010 24,200 2,890 859 12,607 1,278 10,546 52,380 104,390 57,748



EDF Eur n Balance She Current Ass	et 31	December			EON Eur m Balance She Current Ass	et 31	December			ENEL Eur r Balance She Current Asse	et 31	December		
2014	2013	2012	2011	2010	2014	2013	2012	2011	2010	2014	2013	2012	2011	2010
4,701	5,096	5,874	5,743	4,829	5,003	7,175	6,597	6,931	7,840	13,088	7,873	9,726	7,015	5,164
20,752	16,038	14,384	16,980	16,788	1,376	1,654	2,125	1,789	1,674	3,807	5,344	7,650	10,466	11,922
25,453	21,134	20,258	22,723	21,617	6,379	8,829	8,722	8,720	9,514	16,895	13,217	17,376	17,481	17,086
23,176	21,892	22,497	20,908	19,524	24,311	21,074	24,835	18,065	15,819	12,022	11,378	11,555	11,570	12,395
9,393	8,968	10,292	10,147	9,331	1,745	1,030	918	18,329	14,351	3,903	3,856	1,603	1,251	1,697
32,569	30,860	32,789	31,055	28,855	26,056	22,104	25,753	36,394	30,170	15,925	15,234	13,158	12,821	14,092
14,747	14,204	14,213	13,581 621	12,685 513	3,356	4,147	4,735	4,828	4,064	3,334	3,555 673	3,290	3,148	2,803
			021	313						527	0/3			216
	634	825			6,834	1,670	5,710	709	2,476	5,500	2,690	4,505	2,136	1,960
72,769	66,832	68,085	67,980	63,670	42,625	36,750	44,920	50,651	46,224	42,181	35,369	38,329	35,586	36,157
	222,123	221,851	207,458	198,613	96,758	106,965	113,026	117,999	123,498	163,743	171,347		166,648	161,419
	(101,606)	(99,925)	(96,496)	(92,445)	(55,485)	(56,882)	(59,086)	(62,130)	(62,628)	(89,385)	(89,736)		(84,793)	(83,325)
127,500	120,807	122,242	111,968	107,200	41,273	50,083	53,940	55,869	60,870	74,358	81,611	82,189	81,855	78,094
9,694	9,081	10,412	11,648	12,028	11,812	12,666	13,309	14,083	14,588	14,027	14,967	15,809	18,342	18,470
8,884	7,860	7,625	4,702	4,616	4,882	6,648	6,931	7,372	8,070	15,343	16,707	19,950	19,444	21,111
44,468	26,405	23,658	32,505	50,920	11,363	12,062	10,497	13,137	12,447	4,598	7,421	6,736	7,655	6,033
2,024	15,564	12,804			7,563	6,796	7,206	6,608	8,201	885	817			1,062
2,608	4,370	5,258	3,159	2,125	6.170	7 005	F 400	E 150	0.401	15.040	6.070	0.010	7,000	7.605
2,608	4,370	5,258	3,159	2,125	6,172	7,325	5,482	5,152	2,481	15,242	6,973	8,818	7,002	7,635
195,178	184,087	181,999	163,982	176,889	83,065	95,580	97,365	102,221	106,657	124,453	128,496	133.502	134,298	132,405
								- IOLILLI	,	,	,	,	,	
267,947	250,919	250,084	231,962	240,559	125,690	132,330	142,285	152,872	152,881	166,634	163,865	171,831	169,884	168,562
				240,559	125,690	132,330	142,285	152,872	152,881	166,634	163,865	171,831	169,884	168,562
267,947 14,184	250,919 11,024	250,084 <i>14,041</i>	231,962 8,045							166,634 5,239	163,865 4,784	171,831 5,128	169,884 13,340	168,562 4,671
14,184	11,024	14,041	8,045	240,559 7,784	125,690 3,883	132,330 4,673	142,285	152,872 5,885	152,881 3,611	5,239 3,252	163,865 4,784 2,484	5,128 3,968	169,884 13,340 4,799	168,562 4,671 8,209
14,184 14,864	11,024 14,157	14,041 14,643	8,045 13,681	240,559 7,784 12,805	125,690 3,883 2,185	132,330 4,673 2,485	142,285 3,620	152,872 5,885 4,871	3,611 5,016	5,239 3,252 13,419	4,784 2,484 12,363	5,128 3,968 13,089	169,884 13,340 4,799 12,931	4,671 8,209 12,373
14,184	11,024	14,041	8,045	240,559 7,784	125,690 3,883	132,330 4,673	142,285	152,872 5,885	152,881 3,611	5,239 3,252	163,865 4,784 2,484	5,128 3,968	169,884 13,340 4,799	168,562 4,671 8,209
14,184 14,864	11,024 14,157	14,041 14,643	8,045 13,681	240,559 7,784 12,805	125,690 3,883 2,185	132,330 4,673 2,485	142,285 3,620	152,872 5,885 4,871	3,611 5,016 8,627	5,239 3,252 13,419 21,910	4,784 2,484 12,363 19,631	5,128 3,968 13,089	169,884 13,340 4,799 12,931	4,671 8,209 12,373 25,253
14,184 14,864 29,048	11,024 14,157 25,181	14,041 14,643 28,684	8,045 13,681 21,726	240,559 7,784 12,805 20,589	125,690 3,883 2,185 6,068	132,330 4,673 2,485 7,158	3,620 3,620	5,885 4,871 10,756	3,611 5,016 8,627 1,100	5,239 3,252 13,419 21,910 2,060	4,784 2,484 12,363 19,631 1,939	5,128 3,968 13,089 22,185	13,340 4,799 12,931 31,070	4,671 8,209 12,373 25,253 4,610
14,184 14,864 29,048 28,747	11,024 14,157 25,181 30,953	14,041 14,643 28,684 29,623	8,045 13,681 21,726 29,277	240,559 7,784 12,805 20,589 29,062	3,883 2,185 6,068 29,574	132,330 4,673 2,485 7,158 25,355	3,620 3,620 32,445	5,885 4,871 10,756 35,374	3,611 5,016 8,627 1,100 29,089	5,239 3,252 13,419 21,910 2,060 16,711	4,784 2,484 12,363 19,631 1,939 14,087	5,128 3,968 13,089 22,185	13,340 4,799 12,931 31,070 9,578	4,671 8,209 12,373 25,253 4,610 4,129
14,184 14,864 29,048 28,747 57,795 47,274	11,024 14,157 25,181 30,953 56,134 40,224 389	14,041 14,643 28,684 29,623 58,307 45,891	8,045 13,681 21,726 29,277 51,003 42,354 334	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324	3,883 2,185 6,068 29,574 35,642 15,784	132,330 4,673 2,485 7,158 25,355 32,513 18,051	3,620 3,620 32,445 36,065 21,766	5,885 4,871 10,756 35,374 46,130 24,029	3,611 5,016 8,627 1,100 29,089 38,816 28,880	5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905	5,128 3,968 13,089 22,185 14,763 36,948 55,733	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703	4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440
14,184 14,864 29,048 28,747 57,795 47,274	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613	14,041 14,643 28,684 29,623 58,307 45,891	8,045 13,681 21,726 29,277 51,003 42,354 334 42,688	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993	125,690 3,883 2,185 6,068 29,574 35,642 15,784	132,330 4,673 2,485 7,158 25,355 32,513 18,051	3,620 3,620 32,445 36,065 21,766	5,885 4,871 10,756 35,374 46,130 24,029	3,611 5,016 8,627 1,100 29,089 38,816 28,880	5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905	5,128 3,968 13,089 22,185 14,763 36,948 55,733	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703	4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440
14,184 14,864 29,048 28,747 57,795 47,274 47,274	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613	14,041 14,643 28,684 29,623 58,307 45,891 109,174	8,045 13,681 21,726 29,277 51,003 42,354 42,688 101,120	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118	125,690 3,883 2,185 6,068 29,574 35,642 15,784 41,831	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224	3,620 3,620 32,445 36,065 21,766 38,549	5,885 4,871 10,756 35,374 46,130 24,029 24,029 36,314	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905	5,128 3,98 13,089 22,185 14,763 36,948 55,733 15,414	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 14,927	4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440 16,928
14,184 14,864 29,048 28,747 57,795 47,274 47,274 117,898 4,315	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242	14,041 14,643 28,684 29,623 58,307 45,891 	8,045 13,681 21,726 29,277 51,003 42,354 334 42,688 101,120 4,479	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894	125,690 3,883 2,185 6,068 29,574 35,642 15,784 15,784 41,831 5,720	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781	5,885 4,871 10,756 35,374 46,130 24,029 24,029 36,314 6,786	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 48,703 14,927 11,505	4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440 16,928 11,336
14,184 14,864 29,048 28,747 57,795 47,274 47,274 117,898 4,315 169,487	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242 155,580	14,041 14,643 28,684 29,623 58,307 45,891 	8,045 13,681 21,726 29,277 51,003 42,354 42,688 101,120 4,479 148,287	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894 154,005	125,690 3,883 2,185 6,068 29,574 35,642 15,784 41,831	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904 63,179	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781 67,096	5,885 4,871 10,756 35,374 46,130 24,029 24,029 36,314 6,786 67,129	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157 69,580	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655 16,933 9,220 74,808	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658 82,805	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 48,703 14,927 11,505 75,135	4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440 16,928 11,336 80,704
14,184 14,864 29,048 28,747 57,795 47,274 47,274 117,898 4,315	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242	14,041 14,643 28,684 29,623 58,307 45,891 	8,045 13,681 21,726 29,277 51,003 42,354 334 42,688 101,120 4,479	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894	125,690 3,883 2,185 6,068 29,574 35,642 15,784 15,784 41,831 5,720 63,335	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781	5,885 4,871 10,756 35,374 46,130 24,029 24,029 36,314 6,786	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905 13,676 10,795 75,376	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 14,927 11,505	4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440 16,928 11,336
14,184 14,864 29,048 28,747 57,795 47,274 47,274 117,898 4,315 169,487	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242 155,580	14,041 14,643 28,684 29,623 58,307 45,891 	8,045 13,681 21,726 29,277 51,003 42,354 42,688 101,120 4,479 148,287	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894 154,005	125,690 3,883 2,185 6,068 29,574 35,642 15,784 15,784 41,831 5,720 63,335	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904 63,179	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781 67,096	5,885 4,871 10,756 35,374 46,130 24,029 24,029 36,314 6,786 67,129	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157 69,580	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655 16,933 9,220 74,808	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905 13,676 10,795 75,376	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658 82,805	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 48,703 14,927 11,505 75,135	4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440 16,928 11,336 80,704
14,184 14,864 29,048 28,747 57,795 47,274 47,274 117,898 4,315 169,487 227,282	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242 155,580 211,714	14,041 14,643 28,684 29,623 58,307 45,891 	8,045 13,681 21,726 29,277 51,003 42,354 334 42,688 101,120 4,479 148,287 199,290	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894 154,005 203,656	125,690 3,883 2,185 6,068 29,574 35,642 15,784 15,784 41,831 5,720 63,335 98,977	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904 63,179 95,692	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781 67,096 103,161	5,885 4,871 10,756 35,374 46,130 24,029 24,029 36,314 6,786 67,129 113,259	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157 69,580 108,396	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 16,933 9,220 74,808 115,489	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905 13,676 10,795 75,376 111,033	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658 82,805 119,763	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 14,927 11,505 75,135 115,783 9,403 5,292	168,562 4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440 16,928 11,336 80,704 114,696
14,184 14,864 29,048 28,747 57,795 47,274	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242 155,580 211,714	14,041 14,643 28,684 29,623 58,307 45,891 109,174 5,601 160,666 218,973	8,045 13,681 21,726 29,277 51,003 42,354 42,688 101,120 4,479 148,287 199,290	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894 154,005 203,656	125,690 3,883 2,185 6,068 29,574 35,642 15,784 41,831 5,720 63,335 98,977 2,001 29,919	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904 63,179 95,692 2,001 37,039	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781 67,096 103,161 2,001 36,913	5,885 4,871 10,756 35,374 46,130 24,029 24,029 36,314 6,786 67,129 113,259 2,001 37,543	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157 69,580 108,396 2,001 42,773	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655 16,933 9,220 74,808 115,489	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905 13,676 10,795 75,376 111,033	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658 82,805 119,753	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 48,703 14,927 11,505 75,135 115,783	4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440 52,440 16,938 11,336 80,704 114,696
14,184 14,864 29,048 28,747 57,795 47,274 47,274 117,898 4,315 169,487 227,282 930 32,777 (41)	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242 155,580 211,714 930 32,415 (47)	14,041 14,643 28,684 29,623 58,307 45,891 109,174 5,601 160,666 218,973 924 24,882 (33)	8,045 13,681 21,726 29,277 51,003 42,354 334 42,688 101,120 4,479 148,287 199,290 924 27,511 (26)	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894 154,005 203,656	125,690 3,883 2,185 6,068 29,574 35,642 15,784 15,784 41,831 5,720 63,335 98,977 2,001 29,919 (2,502)	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904 63,179 95,692 2,001 37,039 (3,484)	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781 67,096 103,161 2,001 36,913 (3,505)	5,885 4,871 10,756 35,374 46,130 24,029 36,314 6,786 67,129 113,259 2,001 37,543 (3,530)	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157 69,580 108,396 2,001 42,773 (3,531)	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655 16,933 9,220 74,808 115,489 9,403 5,292 22,884	4,784 2,484 12,363 19,631 1,939 14,087 50,905 50,905 13,676 10,795 75,376 111,033	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658 82,805 119,753 9,403 5,292 21,768	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 14,927 11,505 75,135 115,783 9,403 5,292 23,035	168,562 4,671 8,209 12,373 25,253 4,610 4,129 52,440 16,928 11,336 80,704 114,696 9,403 5,292 21,938
14,184 14,864 29,048 28,747 57,795 47,274	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242 155,580 211,714	14,041 14,643 28,684 29,623 58,307 45,891 109,174 5,601 160,666 218,973	8,045 13,681 21,726 29,277 51,003 42,354 42,688 101,120 4,479 148,287 199,290	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894 154,005 203,656	125,690 3,883 2,185 6,068 29,574 35,642 15,784 15,784 41,831 5,720 63,335 98,977 2,001 29,919 (2,502) 2,128	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904 63,179 95,692 2,001 37,039 (3,484) 2,915	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781 67,096 103,161 2,001 36,913	5,885 4,871 10,756 35,374 46,130 24,029 24,029 36,314 6,786 67,129 113,259 2,001 37,543	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157 69,580 108,396 2,001 42,773	5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 16,933 9,220 74,808 115,489	163,865 4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905 13,676 10,795 75,376 111,033 9,403 5,292 23,597 16,891	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658 82,805 119,763 9,403 5,292 21,768 16,303	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 14,927 11,505 75,135 115,783 9,403 5,292 23,035 15,589	4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440 52,440 16,928 11,336 80,704 114,696 9,403 5,292 21,938 15,877
14,184 14,864 29,048 28,747 57,795 47,274 47,274 117,898 4,315 169,487 227,282 930 32,777 (41)	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242 155,580 211,714 930 32,415 (47)	14,041 14,643 28,684 29,623 58,307 45,891 109,174 5,601 160,666 218,973 924 24,882 (33)	8,045 13,681 21,726 29,277 51,003 42,354 334 42,688 101,120 4,479 148,287 199,290 924 27,511 (26)	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894 154,005 203,656 924 30,393 5,586	125,690 3,883 2,185 6,068 29,574 35,642 15,784 15,784 41,831 5,720 63,335 98,977 2,001 29,919 (2,502)	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904 63,179 95,692 2,001 37,039 (3,484)	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781 67,096 103,161 2,001 36,913 (3,505)	5,885 4,871 10,756 35,374 46,130 24,029 36,314 6,786 67,129 113,259 2,001 37,543 (3,530)	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157 69,580 108,396 2,001 42,773 (3,531)	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655 16,933 9,220 74,808 115,489 9,403 5,292 22,884	4,784 2,484 12,363 19,631 1,939 14,087 50,905 50,905 13,676 10,795 75,376 111,033	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658 82,805 119,753 9,403 5,292 21,768	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 14,927 11,505 75,135 115,783 9,403 5,292 23,035	168,562 4,671 8,209 12,373 25,253 4,610 4,129 52,440 16,928 11,336 80,704 114,696 9,403 5,292 21,938 15,877 80
14,184 14,864 29,048 28,747 57,795 47,274	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242 155,580 211,714 930 32,415 (47) 4,998 909	14,041 14,643 28,684 29,623 58,307 45,891 109,174 5,601 160,666 218,973 924 24,882 (33) 4,854 484 31,111	8,045 13,681 21,726 29,277 51,003 42,354 42,688 101,120 4,479 148,287 199,290 924 27,511 (26) 4,189 74 32,672	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894 154,005 203,656 924 30,393 5,586	125,690 3,883 2,185 6,068 29,574 35,642 15,784 41,831 5,720 63,335 98,977 2,001 29,919 (2,502) 2,128 0 (4,833) 26,713	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 18,051 37,224 7,904 63,179 95,692 2,001 37,039 (3,484) 2,915 0 (1,833) 36,638	3,620 3,620 32,445 36,065 21,766 21,766 21,766 103,161 2,001 36,913 (3,505) 3,862 (147) 39,124	5,885 4,871 10,756 35,374 46,130 24,029 24,029 24,029 113,259 2,001 37,543 (3,530) 3,876 (277) 39,613	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 28,880 108,396 2,001 42,773 (3,531) 3,932 410 45,585	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655 16,933 9,220 74,808 115,489 9,403 5,292 22,884 19,639 (1,701) (4,372) (51,145	163,865 4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905 50,905 13,676 10,795 75,376 111,033 9,403 5,292 23,597 16,891 (1,464) (887) 52,832	5,128 3,968 13,089 22,185 14,763 36,948 55,733 55,733 15,414 82,805 119,763 9,403 5,292 21,768 16,303 (1,253) 565 52,078	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 48,703 14,927 11,505 75,135 115,783 9,403 5,292 23,035 15,589 (49) 831 54,101	168,562 4,671 8,209 12,373 25,253 4,610 4,129 33,992 52,440 52,440 16,928 11,336 80,704 114,696 9,403 5,292 21,938 15,877 80 1,276 53,866
14,184 14,864 29,048 28,747 57,795 47,274 	11,024 14,157 25,181 30,953 56,134 40,224 389 40,613 110,725 4,242 155,580 211,714 930 32,415 (47) 4,998	14,041 14,643 28,684 29,623 58,307 45,891 	8,045 13,681 21,726 29,277 51,003 42,354 334 42,688 101,120 4,479 148,287 199,290 924 27,511 (26) 4,189	240,559 7,784 12,805 20,589 29,062 49,651 39,669 324 39,993 109,118 4,894 154,005 203,656 924 30,393 5,586	125,690 3,883 2,185 6,068 29,574 35,642 15,784 41,831 5,720 63,335 98,977 2,001 29,919 (2,502) 2,128 0 (4,833)	132,330 4,673 2,485 7,158 25,355 32,513 18,051 18,051 37,224 7,904 63,179 95,692 2,001 37,039 (3,484) 2,915 0 (1,833)	3,620 3,620 32,445 36,065 21,766 21,766 38,549 6,781 67,096 103,161 2,001 36,913 (3,505) 3,862 (147)	5,885 4,871 10,756 35,374 46,130 24,029 36,314 6,786 67,129 113,259 2,001 37,543 (3,530) 3,876 (277)	3,611 5,016 8,627 1,100 29,089 38,816 28,880 28,880 33,543 7,157 69,580 108,396 2,001 42,773 (3,531) 3,932 410	166,634 5,239 3,252 13,419 21,910 2,060 16,711 40,681 48,655 48,655 16,933 9,220 74,808 115,489 9,403 5,292 22,884 19,639 (1,701) (4,372)	4,784 2,484 12,363 19,631 1,939 14,087 35,657 50,905 13,676 10,795 75,376 111,033 9,403 5,292 23,597 16,891 (1,464) (887)	5,128 3,968 13,089 22,185 14,763 36,948 55,733 15,414 11,658 82,805 119,763 9,403 5,292 21,768 16,303 (1,253) 565	169,884 13,340 4,799 12,931 31,070 9,578 40,648 48,703 14,927 11,505 75,135 115,783 9,403 5,292 23,035 15,589 (49) 831	168,562 4,671 8,209 12,373 25,253 4,610 4,129 52,440 16,928 11,336 80,704 114,696 9,403 5,292 21,938 15,877 80 1,276

ANALYTICAL TOOLS

4.1 FINANCIAL RATIOS

4.1.1 ANALYSIS OF GROWTH

Organic growth vs. acquisition Inflation.

Compared with other industries, utility industry makes use of an important capital expenditure. In the harsh business conditions, with commodities prices going down, these are fixed costs that can't be (immediately) adjusted to the present market conditions.

Second major barriers towards market adjustments are the regulations; energy is a utility bound by public social policies. Although costs fluctuate, prices are kept under control.

In markets where Engie is present and subject to competition, acquiring new customers is often not possible; electrification rate is already very high. In this context, increasing market share by acquiring customers from competition can be done only at the cost of margins. Organic growth is limited in the traditional utility industry.

Moreover, Engie seems to loose its market share in front of renewable energy business.

Unable to sustain its organic grow and in quest of new markets in emerging economies, Engie is developing by acquisitions and changing business paradigm. From 2009 to 2013, there are important changes in the balance sheet such as growth of assets value, including goodwill and inventories. From 2013 the decline in sales and activities is reflected the adjustments of-19,5% of the value of the total assets.

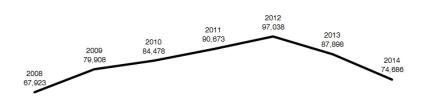
Inflation rates are very low and do not influence the analysis. Inflation was recorded 1.35% in 2013 and +0.43% in 2014.

Since 2012, revenues (growth in monetary terms year on year) have been continuously decreasing.

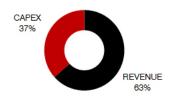
Revenue fell by 15% (-15.43% inflation rate included) at the level group. Engie argues that the 7.2% organic decrease is justified by warmer weather in 2014 coped with lower electricity market demand in Europe.

In 2013 the revenue decreased by 9% (10.35% inflation included) from ξ 97,038M to ξ 87,898M. From 2008 to 2012 growth in revenue was situated around 4.5% v-o-v.

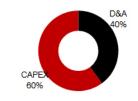
2012 compared with 2010: 4,52% = 7.02% - 2.50% inflation 2011 compared with 2010 4,6% = 7.33%-2.72% inflation), 2010 compared with 2009: 4,11% = 5.72%-1.61% inflation

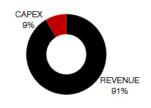


Infrastructures

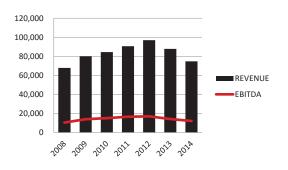


TOTAL





CAPEX





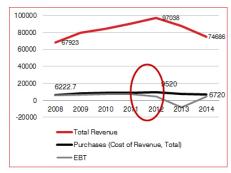
Major measures to mitigate the "revenue decrease" are taken by impairments of €14770M in 2013 and €1037M in 2014. Restructuring measures are reflected in the financial statements by: losses in the income statement, disposals of assets and businesses, exits from some international markets or activities. Compared with the competition, and despite the same decrease, Engie has a more accentuate decrease in revenue slope.

Since the merger between Gas de France and Suez Company, the growth in revenue has accounted for 2.21%

Cumulative average growth rate over 5 years is negative up to-2.52% compared with +2.87% for EDF (state control company 85%), -5.60% E.ON and -2.41%

	REVENU	E Change	70				
	2014	2013	2012	2011	2010	2009	2008
ENGIE	-15.03%	-9.42%	7.02%	7.33%	5.72%	17.65%	
EDF	1.33%	-0.36%	10.52%	-0.02%			
EON	-6.79%	-9.39%	16.94%	21.64%			
ENEL	-8.61%	-15.13%	6.26%	7.83%			





slope dynamic and decision to impaire

CAG	7			
5у	6	бy	7	y
3.13	3%	1.36	%	1.59%
2.9	9%			
5.60)%			
-2.41	%			

pour ENEL.

DISCONTINUATIONS OF LINES OF BUSINESS

In 2014, Engie experienced the stoppage of several nuclear production units in Belgium Doel 3 4 (March 26, 2014) and Tihange 2 from August 5 to December 18. Engie owns 5028 MW from full capacity of 5927 MW. The stoppage accounts for 2317 MW, equivalent to 46% at full capacity and it is assumed that the loss is

CHANGE IN STRUCTURE OF REVENUE

Change in structure of the revenue was impacted by the acquisition of International Power in 2011 and by the company spin-off in 2013 in GDF Suez and Suez International.

Geographical Segments

As stated in the industry and firm's strategy chapter, Europe is becoming the weakest market. Analysis on geographical segments highlight year-on-year decrease in sales in Europe.

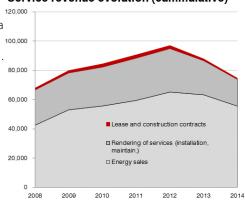
Services

From 2008 to 2015, there is a 7,5% cumulative average growth rate of energy services, of 8,47% on lease and construction and +4.37% on energy sales. However since 2013, all the 3 segments are loosing revenues. On business units, the situation gives a more clear idea about the existent situation and future potential. Energy International contributed with 18,71% to the group in 2014. It accounted a 5,77% reduction in revenues compared with the previous year. Similarly, Energy Europe (18,71% of Group) decreased by-19,14%y-o-y in 2014. With a weight of 9,22%, Global Gas has a 9,22% grow and is identified as a strategic opportunity. Infrastructure (4,01% of the group) increased 16,32%, and 100,000 Energy Services (20,99% of the revenue in 2014) increased its revenue by 6,57%. units.

	2014	2013	2012	2011	2010	2009	2008
Energy sales Rendering of services	55,605	63,321	65,241	59,499	55,694	53,090	42,532
(installation, Lease and	18,308	23,379	29,750	28,953	26,620	25,258	24,132
construction	773	1,198	2,047	2,221	2,164	1,560	1,259

2010 ENGIE •••• EDF - EON

Service revenue evolution (cummulative)

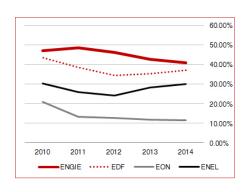


4.1.2 PROFITABILITY

GROSS MARGIN

Gross margin is calculated by dividing gross profit on the total amount of sales. From 2012, decrease of sales has a steeper slope than the cost of good sold, that explains the year on year decrease in gross profit.

Compared with competitors, Engie's business has a good performance in managing direct costs used for production, although analysis shows a slow decrease. Company retains 40.88% of every each dollar invested, being situated on the top of the benchmarked competitors EDF, E.ON and ENEL. However, it has to be stated that EDF has different activities breakdown with 77% of electricity generated by nuclear source, which implies higher costs. There is also an accounting issue, as far as ENEL includes in revenue other income (normally situated after gross profit) and E.ON introduce a part of administrative costs in the cost of good sold.



Gross Margin (Gross Profit /Sales)

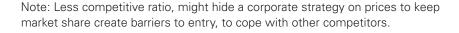
	2014	2013	2012	2011	2010	2009	2008
ENGIE	40.88%	42.67%	46.23%	48.50%	47.12%	48.18%	47.18%
EDF	37.04%	35.48%	34.63%	38.56%	43.73%		
EON	11.65%	11.94%	12.77%	13.38%	20.86%		
ENEL	30.07%	28.27%	24.35%	26.08%	30.38%		

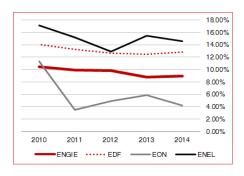
OPERATING MARGIN

Operating Profit on sales PBIT/Sales

Operational profitability varies across the value chain and is influenced by the diversification structure. A correct benchmark should study the ratios on each sector. It is also assumed that geographical diversification play an important role, especially in administrative and personnel costs, assumed not to have always the same proportion related to sales. Engie's performance is moderate. There is a small increase from 2013 to 2014, probably due to the restructuring and performance strategy but also, effects of impairment on depreciation. The analysis used figures from Reuters, adjusted in order to remove derivative effects, impairments, currency, etc. The volatility of the curves of E.ON and ENEL shows that not all the noise was remove.

In Engie's case there is a dramatic change in slope in 2012 on operating margins, which might be due to non-operating power plants and prefigure the 2013 impairment.





Margin at PBIT (EBIT/Sales)

		– ,—–	,,				
	2014	2013	2012	2011	2010	2009	2008
ENGIE	9.00%	8.74%	9.81%	9.90%	10.41%	10.45%	9.16%
EDF	12.82%	12.44%	12.68%	13.25%	14.08%		
EON	4.23%	5.86%	4.95%	3.53%	11.37%		
ENEL	14.59%	15.49%	12.89%	15.18%	17.13%		

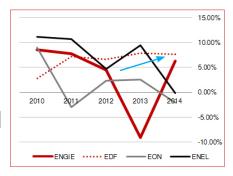


PBT/SALES

The margin at profit before taxes takes in consideration the impairment effect on the income statement. It indicates clearly the decrease from 2010 to 2011 of 9.5% on profitability (from 8.61% to 7.81%) and an accelerated deterioration of 42.5% in 2012 (from 4.49% to 2.83%). It explains the necessity of 2013 write-downs that allowed a recovery, up to 6.29%

Margin at PBT (EBT/Sales)

	2014	2013	2012	2011	2010	2009	2008
ENGIE	6.29%	-9.15%	4.49%	7.81%	8.61%	8.19%	9.10%
EDF	7.70%	7.86%	6.68%	7.15%	2.78%		
EON	-2.13%	2.57%	2.37%	-3.03%	9.05%		
ENEL	-0.11%	9.48%	4.71%	10.76%	11.22%		

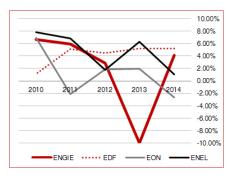


MARGIN ATTRIBUABLETO SHARHOLDERS PAT/SALES

Consequently the margin attributable has followed the same trajectory, with more dramatic changes in the ration. The impairment with a-9.99% effect on margin attributable to shareholders had as result an increase in profitability of 144.5% from 2.83% up to 4.16%. Although fragile, Engie has still margins to cope with traditonal competitors.

Margin attributable to shareholders (PAT/Sales= Net Margin)

	2014	2013	2012	2011	2010	2009	2008
ENGIE	4.16%	-9.99%	2.83%	5.98%	6.66%	6.54%	8.23%
EDF	5.18%	5.23%	4.51%	5.11%	1.13%		
EON	-2.65%	1.97%	1.85%	-2.11%	6.95%		
ENEL	1.05%	6.34%	1.75%	6.86%	7.89%		



EBITDA AND EBITDA MARGINS

Ebitda is a measure that removes the noise from finance costs, taxation investment, impairments, share of exceptions losses/ gains associates & restructuring, carried by EBIT or EBT.

In the company calculation Engie adds EBIT+ D&A + Share based payments" and "net disbursement under concession contracts". In order to compare, the present paper implies the calculation to EBIT+ D&A.

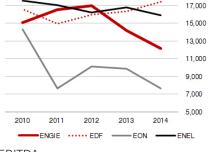
EBITDA reveals the same business decay in terms of income, with a decrease from €14225M to €12139M compared to last year.

ed to last year.

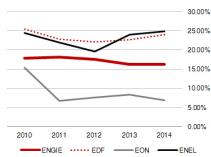
EBITDA
ss volatile, but not very performant, especially

EBITDA margins is stabilised and less volatile, but not very performant, especially related to EDF which uses similar accounting model.

	EBITDA						
	2014	2013	2012	2011	2010	2009	2008
ENGIE	12,139	14,225	17,026	16,525	15,086	14,011	10,376
EDF	17,458	16,361	15,998	14,939	16,623		
EON	7,677	9,907	10,111	7,672	14,313		
ENEL	15,935	16,831	16,223	17,045	17,593		
	EBITDA N	Margin (ca	alculation	D+A+E	BIT)		
	EBITDA N 2014	Margin (ca 2013	alculation 2012	D+A+E	BIT) 2010	2009	2008
ENGIE				2011		2009 17.53%	2008 15.28%
ENGIE EDF	2014	2013	2012	2011	2010		
	2014 16.25%	2013 16.18%	2012 17.55%	2011 18.22%	2010 17.86%		



EBITDA margin



NOPAT and	EVA	of E	NGIE	E SA			
	2014	2013	2012	2011	2010	2009	2008
	£m	£m	£m	£m	£m	£m	£m
Profit Before Tax	4,698	(8,039)	4,358	7,079	7,277	6,546	6,183
Add back Interest Payable	2,462	2,444	3,433	3,383	2,810	2,638	2,321
EBIT	7,160	(5,595)	7,791	10,462	10,087	9,184	8,504
Taxation @	1,726	(1,349)	1,879	2,523	2,432	2,215	2,050
NOPAT -	5,434	(4,246)	5,912	7,939	7,655	6,970	6,453
Capital Charge	6,699	7,717	9,120	8,774	9,379	7,356	0
Economic -							
Value Added (EVA)	(1,266)	(11,963)	(3,207)	(834)	(1,725)	(386)	
Nopat/ invested capital	4.46%	-3.03%	3.57%	4.98%	4.49%	5.21%	
NOPAT margin	7.28%	-4.83%	6.09%	8.76%	9.06%	8.72%	9.50%
NET INCOME- Dividends	3,440	(10,289)	5,674	6,099	6,169	5,156	4,604
ROIC	2.82%	-7.33%	3.42%	3.82%	3.62%	3.86%	,

NOTE 1: calculation	_
WACC	
WACC=E/(E + D)*Cost of Equity+D/(E + D)*Cost of Debt*(1 - Tax Rate)	
Net Debt	27,511
Equity (incl. minority interest)	55,959
Income Taxe Expense	(1,588)
Net Income Before Taxes (EBT)	4,698
Tax rate	34%
net cost of net debt (annual report, pg 258)	939
net debt (annual report - removing of derivative hedge, page 187)	27,511
Cost of debt	3.41%
the risk free rate US treasury (see below german bond figurs)	2.17%
the market risk premium (cf. Krishna G. Palepu and Paul M. Healy, page 331)	5.40%
Beta (source google finance)	0.91
Cost of equity = Risk-Free Rate + Beta * (Market Rate of Return - Risk-Free Rate)	7.1%
Market risk premium= (Market Rate of Return - Risk-Free Rate)	
Debt/ (D+E) x (1-T) x cost of Debt	0.74%
Equity/(D+E) x cost of Equity	4.75%
WACC	5.49%
Note: the risk free rate (http://www.marketwatch.com) for german bond	0.54%
If we consider US treasury bonds http://www.treasury.gov/	2.17%



	APII	AL/	CAPIT	AL CH	HARGI	E	
	2014	2013	2012	2011	2010	2009	200
Invested Capital	£m	£m	£m	£m	£m	£m	£m
Equity .	49,527	47,971	59,834	62,930	62,114	60,285	57,748
Long Term NIBL	32,951	30,368	40,970	47,010	36,281	32,377	29,502
_ong Term Debt	31,330	30,851	48,342	47,369	41,063	34,858	27,949
Short Term Debt	10,297	10,316	11,962	13,213	9,059	10,117	14,64
Closing Invested Capital	124,105	119,505	161,108	170,522	148,517	137,638	129,840
Opening Invested Capital	119,505	161,108	170,522	148,517	192,553	129,840	
Average Invested Capital	121,805	140,306	165,815	159,520	170,535	133,739	
1	2014	2013	2012	2011	2010	2009	200
WACC (see assumption bellow)	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50
WACC * IC	6,699	7,717	9,120	8,774	9,379	7,356	0.00
TAX average (remove deferred effect)	24.11%	24.11%	24.11%	24.11%	24.11%	24.11%	24.119
Tax by year	33.80%	-9.27%	47.02%	29.93%	26.29%	26.26%	14.75%
	2014	2013	2012	2011	2010	2009	200
nvested Capital	€m						
Total Assets	165,306	155,932	205,447	213,410	184,431	171,426	167,20
- Short term NIBL	41,201	36,427	44,340	42,888	35,914	33,788	37,36
(TCL-NP/STDebt- Borrowings)	,	00,	,.	,000	00,0	00,.00	0.,00
, , ,							
	124,105	119,505	161,108	170,522	148,517	137,637	129,84
	119,505	161,108	170,522	148,517	137,637	129,840	
	,	161,108	170,522	·	137,637	· 	
-	119,505 4 121,805	161,108 140,306	170,522 165,815	148,517 159,520	137,637 143,077	129,840 133,738	
	121,805	140,306	165,815	159,520	143,077	133,738	
To double check, Reuters financial	121,805 I analyses we	140,306 ere used for	165,815 integrating	159,520 "derivative in	143,077	133,738	e balanc
To double check, Reuters financial	121,805 I analyses we	140,306 ere used for	165,815 integrating	159,520 "derivative in	143,077	133,738	e balanc
To double check, Reuters financial sheet under current liabilities (5895	121,805 I analyses we 5M and unde	140,306 ere used for	165,815 integrating	159,520 "derivative ir 8020M).	143,077	133,738	e balanc
To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA contest Payable/ Short Term Debt	121,805 I analyses we 5M and under	140,306 ere used for er non-currer	165,815 integrating	159,520 "derivative in	143,077	133,738	
To double check, Reuters financial sheet under current liabilities (5895 Invested Capital (calculation ACA contess Payable/ Short Term Debt Current Port. Of LT Debt/ Capital le	121,805 I analyses we 5M and under	140,306 ere used for er non-currer	165,815 integrating at liabilities 3	159,520 "derivative ir 8020M).	143,077	133,738	
To double check, Reuters financial sheet under current liabilities (5895 Invested Capital (calculation ACA contess Payable/ Short Term Debt Current Port. Of LT Debt/ Capital le	121,805 I analyses we 5M and under	140,306 ere used for er non-currer	165,815 integrating at liabilities 3	159,520 "derivative in 3020M).	143,077	133,738	
To double check, Reuters financial sheet under current liabilities (5895 Invested Capital (calculation ACA control Port Port Of LT Debt/ Capital leterate (Short term Borrowings)	121,805 I analyses we 5M and under	140,306 ere used for er non-currer	165,815 integrating at liabilities 3	159,520 "derivative in 3020M).	143,077 Instruments	133,738	
To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA contest Payable/ Short Term Debt Current Port. Of LT Debt/ Capital lettotal (Short term Borrowings) Non-current liabilities	121,805 I analyses we 5M and under	140,306 ere used for er non-currer	165,815 integrating at liabilities 3	159,520 "derivative in 8020M). Total Assets	143,077 Instruments :	133,738	165,30
To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA contest Payable/ Short Term Debto Current Port. Of LT Debt/ Capital letotal (Short term Borrowings) Non-current liabilities Long-Term Debt	121,805 I analyses we 5M and under	140,306 ere used for er non-currer 2014 10,297	165,815 integrating at liabilities 3	159,520 "derivative in 3020M). Total Assets less	143,077 astruments": Liabilities ayable	133,738	165,30 18,79
To double check, Reuters financial sheet under current liabilities (5895 Invested Capital (calculation ACA contest Payable/ Short Term Debt Current Port. Of LT Debt/ Capital letter (Short term Borrowings) Non-current liabilities Long-Term Debt Capital Lease Obligations	121,805 I analyses we 5M and under	140,306 ere used for er non-currer 2014 10,297	165,815 integrating at liabilities 3	159,520 "derivative in 8020M). Total Assets less NIB Current Accounts Pa	143,077 Instruments Liabilities Ayable Brued (asset:	133,738	165,30 18,79
To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA control Port of LT Debt/ Capital letter Total (Short term Borrowings) Non-current liabilities Long-Term Debt Capital Lease Obligations Derivative Instruments (note 2)	121,805 I analyses we 5M and under	140,306 ere used for er non-currer 2014 10,297 28,024 286	165,815 integrating at liabilities 3	159,520 "derivative in 3020M). Total Assets less NIB Current Accounts Payable Accounts Payable Accounts	143,077 astruments": Liabilities ayable ayable arued (assets benses	133,738 stated on the	165,30 18,79 2,13
To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA control Port Port Of LT Debt/ Capital letter (Short term Borrowings) Non-current liabilities Long-Term Debt Capital Lease Obligations Derivative Instruments (note 2) Total Long Term Debt	121,805 I analyses we 5M and under	140,306 ere used for er non-currer 2014 10,297 28,024 286 3020	165,815 integrating at liabilities 3	159,520 "derivative in 8020M). Total Assets less NIB Current Accounts Payable Accounted Exp	143,077 Instruments a struments a struments a struments a struments a struments a struments (r	133,738 stated on the s held for s	165,30 18,79 2,13 5,89
To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA control Port. Of LT Debt/ Capital letter Port. Of LT Debt/ Capital letter (Short term Borrowings) Non-current liabilities Long-Term Debt Capital Lease Obligations Derivative Instruments (note 2) Total Long Term Debt Deferred Income Tax	121,805 I analyses we 5M and under	140,306 ere used for er non-currer 2014 10,297 28,024 286 3020 31,330	165,815 integrating at liabilities 3	"derivative in 3020M). Total Assets less NIB Current Accounts Payable Accounds Accrued Exp Derivative In	143,077 Instruments a struments a struments a struments a struments a struments a struments (r	133,738 stated on the s held for s	165,30 18,79 2,13 5,89 14,37
NOTE 2: calculation To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA contest Payable/ Short Term Debt Current Port. Of LT Debt/ Capital lettotal (Short term Borrowings) Non-current liabilities Long-Term Debt Capital Lease Obligations Derivative Instruments (note 2) Total Long Term Debt Deferred Income Tax Minority Interest Provision	121,805 I analyses we 5M and under	140,306 ere used for er non-currer 2014 10,297 28,024 286 3020 31,330 9,039	165,815 integrating at liabilities 3	"derivative in 3020M). Total Assets less NIB Current Accounts Payable Accounds Accrued Exp Derivative In	143,077 Instruments a struments a struments a struments a struments a struments a struments (r	133,738 stated on the s held for s	165,30 18,79 2,13 5,89 14,37
To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA control Port of LT Debt/ Capital letter Total (Short term Borrowings) Non-current liabilities Long-Term Debt Capital Lease Obligations Derivative Instruments (note 2) Total Long Term Debt Deferred Income Tax Minority Interest	121,805 I analyses we 5M and under	140,306 ere used for er non-currer 2014 10,297 28,024 286 3020 31,330 9,039 6,432 16,402 1,078	165,815 integrating at liabilities 3	"derivative in 3020M). Total Assets less NIB Current Accounts Payable Accounds Accrued Exp Derivative In	143,077 Instruments a struments a struments a struments a struments a struments a struments (r	133,738 stated on the s held for s	165,30 18,79 2,13 5,89 14,37
To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA contest Payable/ Short Term Debt Current Port. Of LT Debt/ Capital letter (Capital Invested (Short term Borrowings) Non-current liabilities Long-Term Debt Capital Lease Obligations Derivative Instruments (note 2) Total Long Term Debt Deferred Income Tax Minority Interest Provision Other liabilities Total	121,805 I analyses we 5M and under	140,306 ere used for er non-currer 2014 10,297 28,024 286 3020 31,330 9,039 6,432 16,402	165,815 integrating at liabilities 3	"derivative in 3020M). Total Assets less NIB Current Accounts Payable Accounds Accrued Exp Derivative In	143,077 Instruments a struments a struments a struments a struments a struments a struments (r	133,738 stated on the s held for s	165,30 18,79 2,13 5,89 14,37
To double check, Reuters financial sheet under current liabilities (5895) Invested Capital (calculation ACA contest Payable/ Short Term Debt Current Port. Of LT Debt/ Capital letter Total (Short term Borrowings) Non-current liabilities Long-Term Debt Capital Lease Obligations Derivative Instruments (note 2) Total Long Term Debt Deferred Income Tax Minority Interest Provision	121,805 I analyses we 5M and under	140,306 ere used for er non-currer 2014 10,297 28,024 286 3020 31,330 9,039 6,432 16,402 1,078	165,815 integrating at liabilities 3	"derivative in 3020M). Total Assets less NIB Current Accounts Payable Accounds Accrued Exp Derivative In	143,077 Instruments a struments a struments a struments a struments a struments a struments (r	133,738 stated on the s held for s	18,799 2,13 5,899 14,379

NOPAT

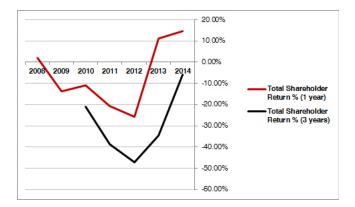
NOPAT is an alternative to net profit and operating profit by adjusting performance measures to the firm debt policy. The calculation of NOPAT is described bellow. In order to avoid the deferred tax effect, the calculation uses the average tax over last 5 years.

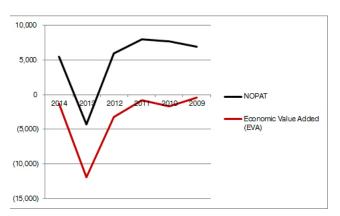
Nopat and Nopat margin (Nopat/Sale) of Engie highlights the profitability to the shareholders from an operating perspective. Figures are similar with the ratios before and reveal the impact of impairment measures in 2013 and the declining characteristic of the business nowadays.

Contrary, a rough calculation of EVA reveals that in respect to the expectations of the providers of finance and the total invested capital, management is destroying value by underperforming the capital charge of their financing. It has to be mentioned that total capital invested was calculated with ACCA course methodology, Professor Alain Southworth and David Young. "This concept states that in order for a company to earn genuine profits, not only must those profits be sufficient to cover the firm's operating costs but they must also cover the cost of the capital." In Engie's case, at least since the 2008 financial crises, we can perceive the decline in the utility business model.

The link between EVA with TSR (total shareholders' return) is highlighted below. TSR is an important measure, one of the criteria for compensation of the managers. It was impacted in 2012 by share price but lately revived after the impairment measure. The Total Shareholder Return (TSR) is calculated by taking the price of shares at the end of the year, subtracting the price of the shares at the beginning of the year and then adding in the dividends paid throughout the year. The TSR can be measured in a numerical value or as a percentage.

The TSR over 1 and 3 years are constant and correlated, with an ascendant curve.



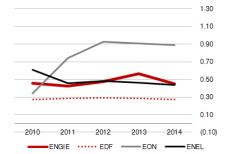




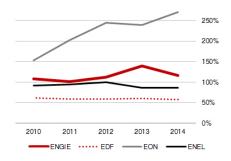
4.1.3 EFFICIENCY

Efficiency ratios assesses the performance to transfer resources into customer transaction. The same can be applied to human resources (human ratios). Efficiency is linked to portfolio diversity, as ratios are small due to the high amount of necessary investments for plants. EDF and its nuclear fleet will be less efficient than other robust industries. EON experienced massive impairments with impact on the denominator. For Engie sales turnover (ROA) for each euro of total assets, Engie business lose 55 cents. The same, it loses 32 cents on each euro fo fixed assets. but it is better placed for PPE than the benchmarked competitors.

	5	Sales/TA						
		2014	2013	2012	2011	2010	2009	2008
ENGIE		0.45	0.56	0.47	0.42	0.46	0.47	0.41
EDF		0.27	0.29	0.29	0.28	0.27		
EON		0.89	0.90	0.93	0.74	0.34		
ENEL		0.44	0.46	0.48	0.46	0.61		
	Sa	les /FA						
		2014	2013	2012	2011	2010	2009	2008
ENGIE		0.68	0.83	0.67	0.60	0.63	0.65	0.59
EDF		0.37	0.39	0.40	0.40	0.37		
EON		1.34	1.25	1.36	1.10	0.87		
ENEL		0.59	0.59	0.62	0.58	0.54		
	9	Sales/ PPE	E					
		2014	2013	2012	2011	2010	2009	2008
ENGIE		1.17	1.39	1.12	1.01	1.07	1.15	1.07
EDF		0.57	0.60	0.59	0.58	0.61		
EON		2.70	2.39	2.45	2.02	1.53		
ENEL		0.86	0.86	1.00	0.95	0.92		



Sales per fix assets - without considering debt (Interes expense)



Sales per PPE

Engie's human ratios shows a moderate position compared with competitors. The difference between Engie and E.ON might be explained on socio-macroeconomic differences between France and Germany on employment policies.

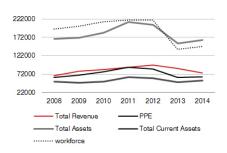
Last years workforce at Engie has decreased through several restructuring processes. The spin-off with Suez Environment has an important impact on the workforce number, reflected by higher sales per employee in 2013; profits per workforce is negatively influenced by the impairment.

Human	Ratio	(Sales/	employees)
Hulliali	ιαιιυ	(Jaies/	CITIDIO ACCOL

	Traffical (Calco, Chiploycoo)								
	2014	2013	2012	2011	2010	2009	2008		
ENGIE	507,381	628,827	442,429	414,272	393,272	395,642	348,466		
EDF	492,312	514,148	466,477	430,206	411,428				
EON	1,906,842	1,951,636	1,832,513	1,431,809	1,078,486				
ENEL	927,060	1,035,158	1,118,436	1,029,366	918,660				

Human Ratio (Profits/employees)

	2014	2013	2012	2011	2010	2009	2008		
ENGIE	31,916	(57,511)	19,870	32,343	33,877	32,412	31,721		
EDF	37,913	40,422	31,183	30,777	11,426				
EON	(40,665)	50,206	43,519	(43,390)	97,555				
ENEL	(1,131)	105,845	52,672	110,801	103,099				



ENGIE Evolution of different numerator and denominator

4.1.4 WORKING CAPITAL (MISSING UNDERLYING BUSSINESS DETAILS!)

Working capital efficiency ratios express how efficiently a firm is utilising the working capital requirements:how they deal with granting credit, taking credit and manage the inventories.

In the case of Engine it is impossible to assess correctly the performance. An analysis should focus on each activity, because it is a numerical interpretation of a qualitative measure of the WCR. The information provided in the Annual reports, etc., do not disclose neither the trade payable receivable or inventories for energy services, energy trading, electricity or gas, or the inventory for each segment

	Average A	R/Sales						Hereby a
	2014	2013	2012	2011	2010	2009	2008	which ca
ENGIE	28.53%	26.22%	24.82%	24.06%	23.82%	26.58%	-	on which cash from
EDF	30.92%	30.86%	30.07%	30.96%	-			Casii IIOI
EON	20.34%	19.18%	16.24%	15.00%	-			Trade rec
ENEL	18.30%	16.39%	14.03%	15.45%	-			2014, rec
	Days turno	over				Account red	ceivable	imatively
	2014	2013	2012	2011	2010	2009	2008	104 days
ENGIE	104	96	91	88	87	97	-	monts to
EDF	113	113	110	113				custome
EON	74	70	59	55				either En
ENEL	67	60	51	56				or they o
	Inventorie	s/ COGS						10 00001
	2014	2013	2012	2011	2010	2009	2008	
ENGIE	11.17%	10.31%	10.41%	9.96%	8.75%	9.85%	-	
EDF	31.55%	30.62%	29.45%	32.73%	-			Inventory
EON	3.81%	4.21%	4.15%	4.54%	-			8,95 time
ENEL	6.37%	6.15%	5.16%	5.19%	-			ries per y
	Days turno	over				Inventories		
	Days turno 2014	over 2013	2012	2011	2010	Inventories 2009	2008	
ENGIE		2013 38	2012 38	2011 36			2008	With an i
EDF	2014	2013 38 112	38 108	36 119	2010	2009	2008	sity of 40
EDF EON	2014 41 115 14	2013 38 112 15	38 108 15	36 119 17	2010	2009	2008	sity of 40 days on a
EDF	2014 41 115	2013 38 112	38 108	36 119	2010	2009	2008	sity of 40 days on a the recei
EDF EON	2014 41 115 14	2013 38 112 15 22	38 108 15 19	36 119 17	2010	2009	2008	sity of 40 days on a
EDF EON	2014 41 115 14 23	2013 38 112 15 22	38 108 15 19	36 119 17	2010	2009	2008	sity of 40 days on a the recei there is a
EDF EON ENEL	2014 41 115 14 23 Trade pay	2013 38 112 15 22 able/ CO0	38 108 15 19	36 119 17 19	2010 32 - - -	2009 36	-	sity of 40 days on a the recei there is a from 113
EDF EON ENEL ENGIE EDF	2014 41 115 14 23 Trade pay 2014	2013 38 112 15 22 able/ CO0 2013	38 108 15 19 3S 2012	36 119 17 19	2010 32 - - - 2010	2009 36	-	sity of 40 days on a the recei there is a from 113
EDF EON ENEL ENGIE EDF EON	2014 41 115 14 23 Trade pay 2014 0.40	2013 38 112 15 22 able/ CO0 2013 0.36	38 108 15 19 3S 2012 0.36	36 119 17 19 2011 0.36	2010 32 - - - 2010	2009 36	-	sity of 40 days on a the recei there is a from 113
EDF EON ENEL ENGIE EDF	2014 41 115 14 23 Trade pay 2014 0.40 0.32	2013 38 112 15 22 able/ COC 2013 0.36 0.31	38 108 15 19 3S 2012 0.36 0.30	36 119 17 19 2011 0.36 0.33	2010 32 - - - 2010	2009 36	-	sity of 40 days on a the recei there is a from 113 There are competit with the
EDF EON ENEL ENGIE EDF EON	2014 41 115 14 23 Trade pay 2014 0.40 0.32 0.02	2013 38 112 15 22 able/ COC 2013 0.36 0.31 0.01 0.23	38 108 15 19 3S 2012 0.36 0.30 0.02	36 119 17 19 2011 0.36 0.33 0.05	2010 32 - - - - 2010 0.31 - -	2009 36 2009	2008	sity of 40 days on a the recei there is a from 113. There are competitivith the which is
EDF EON ENEL ENGIE EDF EON	2014 41 115 14 23 Trade pay 2014 0.40 0.32 0.02 0.24	2013 38 112 15 22 able/ COC 2013 0.36 0.31 0.01 0.23	38 108 15 19 3S 2012 0.36 0.30 0.02	36 119 17 19 2011 0.36 0.33 0.05	2010 32 - - - - 2010 0.31 - -	2009 36	2008	sity of 40 days on a the recei there is a from 113 There are competit with the
EDF EON ENEL ENGIE EDF EON	2014 41 115 14 23 Trade pay 2014 0.40 0.32 0.02 0.24 Days turne	2013 38 112 15 22 able/ COC 2013 0.36 0.31 0.01 0.23 over	38 108 15 19 3S 2012 0.36 0.30 0.02 0.21	36 119 17 19 2011 0.36 0.33 0.05 0.22	2010 32 - - - - 2010 0.31 - -	2009 36 2009 Trade paya	2008 -	sity of 40 days on a the recei there is a from 113. There are competit with the which is account.
EDF EON ENEL ENGIE EDF EON ENEL	2014 41 115 14 23 Trade pay 2014 0.40 0.32 0.02 0.24 Days turne 2014	2013 38 112 15 22 able/ COC 2013 0.36 0.31 0.01 0.23 over 2013	38 108 15 19 3S 2012 0.36 0.30 0.02 0.21	36 119 17 19 2011 0.36 0.33 0.05 0.22	2010 32 - - - - 2010 0.31 - - - 2010	2009 36 2009 Trade paya	2008 -	sity of 40 days on a the recei there is a from 113. There are competit with the which is account.
EDF EON ENEL ENGIE EDF EON ENEL	2014 41 115 14 23 Trade pay 2014 0.40 0.32 0.02 0.24 Days turno 2014 145.48	2013 38 112 15 22 able/ COO 2013 0.36 0.31 0.01 0.23 over 2013 129.93	38 108 15 19 3S 2012 0.36 0.30 0.02 0.21 2012 132.45	36 119 17 19 2011 0.36 0.33 0.05 0.22 2011 129.84	2010 32 - - - - 2010 0.31 - - - 2010	2009 36 2009 Trade paya	2008 -	sity of 40 days on a the recei there is a from 113. There are competit with the which is account.

Hereby a simulation at the group level, which can give an idea about the speed on which a company turns sales into cash from the portfolio perspective.

Trade receivable efficiency intensity: in 2014, receivable are replaced approximatively 4 times per year. They have 104 days work of sale, more than three monts to collect payments from its customers. There is an increase in days; either Engie has problems in collecting, or they offer generous sale conditions to boost revenue.

Inventory ratio shows that Engie sold 8,95 times its current stock of inventories per year 1x 0,11).

With an inventory turnover over intensity of 40% Engie pays its bills at 145 days on average. It can be explain by the receivable days delay. However there is a increasing delay in payement from 113 to 145 days from 2008 ro 2015.

There are difference in respect with competitors, but there is impossible with the information we got to see which is better placed. However, the account receivable turnover seems to be a potential problem for the group.

Net working assets Engie 2014: (Accounts receivable- Accounts Payable)/Cost of Goods Sold= (21588-18799)/44155=2759/44155= 0,062. This means that every extra euro of sale requires an extra investment of 0,062 of net working capital funding, far better than 0,093 euros in 2013.



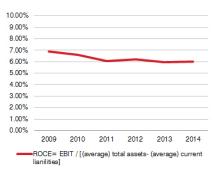
4.1.5 COMPETITIVITY

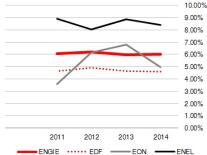
ROCE

Return on capital employed plays an important role inside the company. It is a tool to assess the competitivitly and profitability of the firm and to link the results with incentives for the managerial team. The classical definition of ROCE is ROCE= EBIT / [(average) total assets- (average) current liabilities]. The ROCE integrates debts in its formula, although in some version EBIT is unlevered. Engie does not disclose its calculations, but uses a fine tuned formula for capital employed depicted at the end of the second chapter. In order to compare across the industry, the paper uses classical formula. Engie's ROCE has the quality to be constant and do not present high volatility. In the actual environment, this has the advantage to insure markets and investors. The figures are moderate (average of the benchmarked competitors), but coped with a "sound" debt policy it reveals a long term stability vision.

ROCE= EBIT / [(average) total assets- (average) current lianilities]

	2014	2013	2012	2011	2010	2009	2008
ENGIE	6.03%	5.95%	6.21%	6.05%	6.59%	6.88%	
EDF	4.61%	4.63%	4.91%	4.65%			
EON	4.97%	6.81%	6.15%	3.61%			
ENEL	8.42%	8.88%	8.05%	8.93%			





4.1.6 INTEREST COVERAGE

It is a measure that assesses the ability of a company to cover its interest obligation by comparing earnings with the interest expense. In order to take in account only cash expense, the calculation uses EBITDA figures. A high-quality borrowers should meet the criteria of a 5. Engie is slightly bellow, but once again it is situated on a moderate position close to 5, compared with E.ON which definitely has liquidity problems.

	INTEREST) E	EBITDA/ Interest payable				
	2014	2013	2012	2011	2010	2009	2008
ENGIE	4.86	5.78	4.85	4.76	5.23	5.13	4.28
EDF	5.83	5.58	7.57	6.54			
EON	2.85	3.85	3.87	2.73			
ENEL	5.25	5.60	5.46	6.19			

4.1.7 GEARING OR LEVERAGE

Gearing ratios explain the extent to which a firm relies on debt as a source of financing.

DEBT- EQUITY RATIO

One of the ratio used to assess the leverage is debt-equity ratio. Debt-Equity ratio= Total Debt/Total Equity, where Total Equity can either the book value or the market value. Total Debt= Short term+ Long term Debt. In the case of Engie, market value makes the difference: it means that Engi's debt is around 81% of the market value of its equity versus 68% the book value. However the ratio is decreasing, being aligned to the strategy to keep the debt under a cap,by massive disposals, but also less investments. This mitigate risk but impact the returns on share which is expected to be moderate.

	GEARING		Debt/Equity (market value)				
	2014	2013	2012	2011	2010	2009	2008
ENGIE	0.81	0.94	1.52	1.19	0.78	0.62	0.50

	GEARING		Debt/Equity					
	2014	2013	2012	2011	2010	2009	2008	
ENGIE	0.68	0.72	0.80	0.70	0.67	0.65	0.62	
EDF	1.51	1.31	1.93	1.54	1.29			
EON	0.74	0.62	0.65	0.76	0.71			
ENEL	1.05	1.05	1.17	1.15	1.06			

There is another way of assessing the risk to the firm's equity holders, by considering the available cash. This reduce exposure and improve the ratios figures.

EQUITY MULTIPLIER

Equity multiplier it measures the book value by dividing Total Assets to the book value of Equity. In Engie's case it indicates that leverage amplifies by 2,95 the financial risk of the shareholders. Compare with the others, Engie keeps the risks very low for the shareholders. This is reflected in less investment and a more precarious face to the high volatility of the market.

	TA/Equity :	A/Equity = equity mutiplier								
	2014	2013	2012	2011	2010	2009	2008			
ENGIE	2.95	2.91	2.88	2.66	2.61	2.62	2.66			
EDF	6.59	6.40	8.04	7.10	6.52					
EON	4.71	3.61	3.64	3.86	3.35					
ENEL	3.26	3.10	3.30	3.14	3.13					

NET DEBT/ EBITDA company uses this figure to evaluate management. The ratio is under 2,5, alined with the targets.

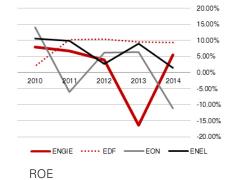
4.1.8 INVESTMENT RETURN

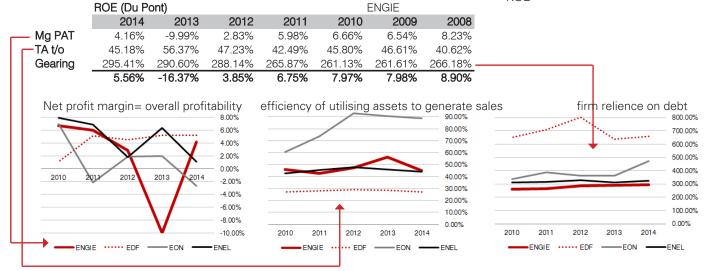
RETURN ON EQUITY

This ratio assesses the return on investment by comparing the net income with its past investment. High ROE indicates the capacity of the company to make use of investment oportunities.

Once more Engie is moderate. The imapairementinduce fluctuation but is not as volatile ascompetitors such as ENEL and EON.

	ROE (Du Po	OE (Du Pont)										
	2014	2013	2012	2011	2010	2009	2008					
ENGIE	5.56%	-16.37%	3.85%	6.75%	7.97%	7.98%	8.90%					
EDF	9.28%	9.59%	10.45%	10.21%	1.99%							
EON	-11.06%	6.44%	6.23%	-6.03%	14.16%							
ENEL	1.51%	9.05%	2.77%	9.84%	10.53%							







RETURN ON ASSETS

(Net income+Interest Expense)/ Book Value of Assets

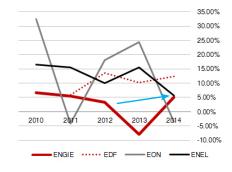
A variant of return on assets includes interest expense in the idea that the assets (denominator) are also sponsored by debt. Therefore, the ratio is less sensitive to leverage than ROE. Although impacted by the impairment, Engie has a healthier return on assets compared with the competitors.

	E 1		, .	_			
	2014	2013	2012	2011	2010	2009	2008
ENGIE	3.37%	-4.07%	3.01%	4.13%	4.58%	4.59%	4.73%
EDF	2.53%	2.67%	2.15%	2.42%			
EON	-0.21%	3.73%	3.55%	0.28%			
ENEL	2.23%	4.64%	2.57%	4.75%			

RETURN ON CAPITAL INVESTMENT

The paper uses two calculation to assess the after tax profit generated by the business itself (excluding interest TOTAL cost) compared the capital raised from Equity. 1° ROIC= (EBIT (1-tax rate))/ (Book value of Equity+ Net Debt)

The second formula, is explained in the NOPAT calculation. It takes in consideration total capital invested in the firm, and not only in recent activities (e.g.it comprise goodwill from past acquisition, etc.,). It is assumed that it is a more correct (fair) value. In both cases, Engie is not competitive in returning capital invested, but as analysis before proves, this is part of an assumed risk adverted approach to the volatility of the market.



	ROIC[(EBIT)	(1-tax rate)/	'(BV+Net D	ebt)]			
	2014	2013	2012	2011	2010	2009	2008
ENGIE	5.08%	-7.94%	3.23%	5.55%	6.57%	6.18%	7.07%
EDF	9.67%	12.38%	10.17%	13.51%	5.93%		
EON	-3.50%	24.32%	18.02%	-4.19%	32.44%		
ENEL	5.74%	15.46%	10.10%	15.55%	16.45%		

	ROIC (NI-Di	v)/Average	Inv. Cap				
	2014	2013	2012	2011	2010	2009	2008
ENGIE	2.82%	-7.33%	3.42%	3.82%	3.62%	3.86%	

4.1.9 SUSTAINABLE GROWTH RATE

ROE x (1-Div) If the company keep its moderate approach, do not apply proposed strategy more actively and the depreciation of the environment continues, there won't be any improvement in the business.

Custoinable groudb rate



2008

10%

0.70

2.97%

	,	oustailla	Die groi	vill late		
	2014	2013	2012	2011	2010	2009
ROE (Du Pont)	8%	-15%	6%	9%	10%	10%
Divident payout rate	1.20	0.53	0.77	0.80	0.70	0.77
SGR	-1.65%	-6.97%	1.39%	1.72%	3.13%	2.30%
uses 1- div payout rate						



Balance Sheet 31 December Current Assets	31-12-14 2014		EDF Eur mill Balance Shee Current Assets	t 31	EON Eur m Balance She Current Asse	et 31	ENEL Eur mi Balance Shee Current Assets	t 31
Cash & Equivalents	8,546	5.17%	2014 4,701	1.75%	2014 5,003	3.98%	2014 13,088	7.85%
Short Term Investments Assets classified as held for sale			20,752	7.74%	1,376	1.09%	3,807	2.28%
Cash and Short Term Investments	8,546	5.17%	25,453	9.50%	6,379	5.08%	16,895	10.14%
Accounts Receivable - Trade, Net	21,558	13.04%	23,176	8.65%	24,311	19.34%	12,022	7.21%
Loans and receivables at amortised cost Total Receivables, Net	925 22,483	0.56% 13.60%	9,393 32,569	3.51% 12.16%	1,745 26,056	1.39% 20.73%	3,903 15,925	2.34% 9.56%
Total Inventory	4,891	2.96%	14,747	5.50%	3,356	2.67%	3,334	2.00%
Financial Assets, at fair value through income Derivative instruments	1,450	0.88%					527	0.329
Derivative instruments Other financial assets at fair value	7,886 9,336	4.77% 5.65%						
Other Asset	10,049	6.08%			6,834	5.44%	5,500	3.309
Total Current Assets	55,305	33.46%	72,769	27.16%	42,625	33.91%	42,181	25.31%
Fixed Assets								
Property/Plant/Equipment, Total - Gross Accumulated Depreciation, Total	109,446 (45,414)	66.21% -27.47%			96,758 (55,485)	76.98% -44.14%	163,743 (89,385)	98.279
Property/Plant/Equipment, Total - Net	64,032	38.74%	127,500	47.58%	41,273	32.84%	74,358	44.629
Goodwill, Net	21,222	12.84%	9,694	3.62%	11,812	9.40%	14,027	8.429
Intangibles, Net Available for sales securities	7,569 2,893	4.58% 1.75%	8,884	3.32%	4,882	3.88%	15,343	9.219
Investments in entities accounted for using the equity	7.055	4.27%	_					
Long Term Investments	9,948	6.02%	44,468	16.60%	11,368	9.04%	4,598	2.769
Loans and receivables at amortise costs (N.RLT) Derivative instruments	2,960 2,733	1.79% 1.65%	2,024	0.76%	7,563	6.02%	885	0.539
Other Assets	557	0.34%	2,608	0.97%				
Other Long Term Assets, Total	3,290	1.99%	2,608	0.97%	6,172	4.91%	15,242	9.159
Deferred tax assets Total Fixed Assets	980 110,001	0.59% 66.54%	195,178	72.84%	83,065	66.09%	124,453	0.009 74.69 9
					125,690			
Total Assets	165,306	100.00%	267,947	100.00%	145,680	100.00%	166,634	100.009
Current Liabilities Short-term debt borrowings	10,297	6.23%	14,184	5.29%	3,883	3.09%	5,239	3.149
Derivative instruments	5,895	3.57%	7, 1 5	0.00%		0.00%	3,252	1.959
Other Payables (Trade and other payable)	18.799	11.37%	14,864	5.55%	2,185	1.74%	13,419	8.059
Total Short-term debt Provisions Accrued Expenses	34,991	21.17% 1.29%	29,048	10.84% 0.00%	6,068	4.83% 0.00%	21,910 2,060	13.15
Other Current liabilities, Total	14,370	8.69%	28,747	10.73%	29,574	23.53%	16,711	10.039
Liab dr. Asoc. with Assets classified as held for sale	-	0.00%		0.00%		0.00%	l i	0.009
Total Current Liabilities Non-current Liabilities	51,498	31.15% 0.00%	57,795	21.57% 0.00%	35,642	28.36% 0.00%	40,681	0.009
Long Term Debt (borrowings)	28,024	16.95%	47,274	17.64%	15,784	12.56%	48,655	29.209
Derivative instruments	3,020	1.83%]	0.00%		0.00%		0.009
Capital Lease Obligations Total Long Term Debt	286 31,330	0.17% 18.95%	47,274	0.00% 17.64%	15,784	0.00% 12.56%	48,655	0.009
Provisions	16,402	9.92%	47,274	0.00%	15,764	0.00%	40,000	0.009
Other Liabilities, Total	1,078	0.65%		44.00%	41,831	33.28%	16,933	10.169
Deferred tax liabilities Total Non-current Liabilities	9.039 57,849	5.47% 35.00%	4,315 169,487	1.61% 63.25%	5,720 63,335	4.55% 50.39%	9,220 74,808	5.539 44.89 9
Total Liabilities	109,347	66.15%	227,282	84.82%	98,977	78.75%	115,489	69.319
Shareholders' Equity								
Common Stock, Total (share capital)	2,435	1.47%	930	0.35%	2,001	1.59%	9,403	5.649
Additional Paid-In Capital Retained Earnings (Accumulated Deficit)	15,351	19.66% 9.29%	32,777	12.23%	29,919	23.80%	5,292 22,884	3.189 13.739
Treasury Stock - Common	(957)	-0.58%	(41)	-0.02%	(2,502)	-1.99%	22,00	10.707
Minority Interest		0.000/		2.02%	2,128	1.69%		
	6,432	3.89%	5,419	2.02/6	2,120	1.09/6	19,639	
Unrealized Gain (Loss)	-	0.00%					(1,701)	-1.029
Unrealized Gain (Loss) Other Equity, Total (translation adjustments) Total Equity	6,432 - 192 55,959		5,419 1,580 40,665	0.59% 15.18%	(4,833)	-3.85% 21.25%		-1.029 -2.629
Other Equity, Total (translation adjustments) Total Equity	192	0.00% 0.12%	1,580	0.59%	(4,833) 26,713 24,585	-3.85%	(1,701) (4,372) 51,145 31,506	-1.029 -2.629 30.699
Other Equity, Total (translation adjustments)	192 55,959	0.00% 0.12% 33.85%	1,580 40,665 35,246	0.59% 15.18%	(4,833) 26,713	-3.85% 21.25%	(1,701) (4,372) 51,145 31,506	11.79% -1.02% -2.62% 30.69% 18.91%
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions	192 55,959 49,527 165,306 31-12-14	0.00% 0.12% 33.85% 29.96%	1,580 40,665 35,246 267,947	0.59% 15.18% 13.15% 100.00% illions	(4,833) 26,713 24,585 125,690 EON Eur I	-3.85% 21.25% 19.56% 100.00%	(1,701) (4,372) 51,145 31,506 - 166,634	-1.029 -2.629 30.699 18.919 100.009
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Liabilities & Shareholders' Equity	192 55,959 49,527 165,306 31-12-14 2014	0.00% 0.12% 33.85% 29.96%	1,580 40,665 35,246 267,947 EDF Eur m Balance She	0.59% 15.18% 13.15% 100.00% illions	(4,833) 26,713 24,585 125,690 EON Eur I	-3.85% 21.25% 19.56% 100.00%	(1,701) (4,372) 51,145 31,506 - 166,634 ENEL Eur n	-1.029 -2.629 30.699 18.919 100.009
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014	0.00% 0.12% 33.85% 29.96%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014	0.59% 15.18% 13.15% 100.00% illions et	(4,833) 26,713 24,585 125,690 EON Eur Balance Sh Revenue 2014	-3.85% 21.25% 19.56% 100.00% millions	(1,701) (4,372) 51,145 31,506 	-1.029 -2.629 30.699 18.919 100.009
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686	0.00% 0.12% 33.85% 29.96% 100.00%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874	0.59% 15.18% 13.15% 100.00% illions et	(4,833) 26,713 24,585 125,690 EON Eur Balance Sh Revenue 2014 111,556	-3.85% 21.25% 19.56% 100.00% millions neet	(1,701) (4,372) 51,145 31,506 - 166,634 ENEL Eur r Ealance She	-1.029 -2.629 30.699 18.919 100.009 nillions eet
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686	0.00% 0.12% 33.85% 29.96% 100.00%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874	0.59% 15.18% 13.15% 100.00% illions et	(4,833) 26,713 24,585 125,690 EON Eur I Balance Sh Revenue 2014 111,556	-3.85% 21.25% 19.56% 100.00% millions neet 100.00%	(1,701) (4,372) 51,145 31,506 - 166,634 ENEL Eur n Balance She Revenue 2014 63,931 9,397 73,328	-1.029 -2.629 30.699 18.919 100.009 nillions eet
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total)	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155)	0.00% 0.12% 33.85% 29.96% 100.00%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885)	0.59% 15.18% 13.15% 100.00% illions et 100.00% -62.96%	(4,833) 26,713 24,585 125,690 EON Eur I Balance Sh Revenue 2014 111,556 111,556	-3.85% 21.25% 19.56% 100.00% millions neet 100.00% -88.35%	(1,701) (4,372) 51,145 31,506 - 166,634 ENEL Eur r Balance She Revenue 2014 63,931 9,397 73,328 (54,107)	-1.029 -2.629 30.699 18.919 100.009 millions set
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686	0.00% 0.12% 33.85% 29.96% 100.00%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874	0.59% 15.18% 13.15% 100.00% illions et	(4,833) 26,713 24,585 125,690 EON Eur I Balance Sh Revenue 2014 111,556	-3.85% 21.25% 19.56% 100.00% millions neet 100.00% -88.35% -3.34%	(1,701) (4,372) 51,145 31,506 - 166,634 ENEL Eur n Balance She Revenue 2014 63,931 9,397 73,328	-1.029 -2.629 30.699 18.919 100.009 millions set 87.189 -73.799 26.219 -6.639
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779)	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% 40.88% -13.09%	1,580 40,665 35,246 267,947 EDF Eur m 9alance She Revenue 2014 72,874 (45,885) 26,989 (11,785)	0.59% 15.18% 13.15% 100.00% illions et 100.00% -62.96% -7.04% -16.17%	(4,833) 26,713 24,585 125,690 ECN Eur Balance Sh Rèvenue 2014 111,556 111,556 (98,557) 12,999 (3,727) (49)	-3.85% 21.25% 19.56% 100.00% millions leet 100.00% -88.35% 11.65% -3.34% -0.04%	(1,701) (4,372) 51,145 31,506 166,634 ENEL Eur r Balance She Revenue 2014 63,931 9,397 73,328 (54,107) 19,221 (4,864)	-1.029 -2.629 30.699 18.919 100.009 millions set 87.189 -73.799 -6.639 0.009
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779)	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% -59.12% 40.88% -13.09%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785)	0.59% 15.18% 13.15% 100.00% 100.00% 100.00% 100.00% 37.04% -16.17% -10.90%	(4,833) 26,713 24,585 125,690 EQN Euri Bejance Sh Révenue 2014 111,556 121,599 (3,727) (49) (3,230)	-3.85% 21.25% 19.56% 19.56% 100.00% millions neet 100.00% -88.35% 11.65% -3.34% -2.90% -2.90%	(1,701) (4,372) 51,145 31,506 	-1.029 -2.629 30.699 18.919 100.009 nillions set 87.189 100.009 -73.799 26.219 -6.639 0.009 -7.109
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779)	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% 40.88% -13.09%	1,580 40,665 35,246 267,947 EDF Eur m 9alance She Revenue 2014 72,874 (45,885) 26,989 (11,785)	0.59% 15.18% 13.15% 100.00% illions et 100.00% -62.96% -7.04% -16.17%	(4,833) 26,713 24,585 125,690 ECN Eur Balance Sh Rèvenue 2014 111,556 111,556 (98,557) 12,999 (3,727) (49)	-3.85% 21.25% 19.56% 100.00% millions neet 100.00% -88.35% 11.65% -3.34% -2.90% -3.22% 2.08%	(1,701) (4,372) 51,145 31,506 166,634 ENEL Eur r Balance She Revenue 2014 63,931 9,397 73,328 (54,107) 19,221 (4,864)	-1.025 -2.625 30.695 18.919 100.005 -73.795 26.215 -6.635 0.005 -7.105 -1.145
Other Equity, Total (translation adjustments) Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating income Unusual (Expense) Income (no IFRS)	192 55,959 49,527 165,306 31-12-14 2014 74,686 (44,155) 30,531 (9,779) (4,797) (10,999) 1,764	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -6.42% -14.73% 2.36%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) (11,785) (7,940) 5,668 (3,593)	0.59% 15.18% 13.15% 100.00% illions et 100.00% -62.96% 37.04% -16.17% -10.90% 7.78% -4.93% 0.00%	(4,833) 26,713 24,585 125,690 EON Eur Balance Sh Révenue 2014 111,556 111,556 (3,230) (3,727) (49) (3,230) (3,230) (3,592) 2,319	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 11.65% -3.34% -0.04% -2.90% -3.22% 2.08% 0.00%	(1,701) (4,372) 51,145 31,506 ENEL Eur n Balance She Revenue 2014 63,931 9,397 73,328 (54,107) 19,221 (4,864) (838) 2,381	-1.025 -2.625 30.695 18.915 100.005 millions set 87.185 100.005 -73.795 -6.635 0.005 -7.105 -1.145 3.255 0.005
Other Equity, Total (translation adjustments) Total Equity without minority interest Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Outer Revenue, Total Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating expenses Other operating income Junusual (Expense) Income (no IFRS) Total Operating (Expense)	192 55,959 49,527 165,306 31-12-14 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -6.42% -14.73% 2.36%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) (17,650)	0.59% 15.18% 13.15% 100.00% illions et 100.00% -62.96% -7.78% -16.17% -10.90% -7.78% -4.93% -9.00% -24.22%	(4,833) 26,713 24,585 125,690 ECN Eur L Balance Sh Révenue 2014 111,556 111,556 (98,557) 12,999 (3,727) (49) (3,230) (3,592) 2,319 (106,836)	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% -88.35% 11.65% -2.90% -3.22% 2.08% 0.00% -95.77%	(1,701) (4,372) 51,145 31,506 ENEL Eur r Balance She Revenue 2014 63,931 9,397 73,328 (54,107) 19,221 (4,864) (52,04) (838) 2,381	-1.025 -2.627 30.697 18.915 100.005 millions set 87.186 100.006 -73.799 26.216 -6.006 -7.106 -1.144 3.256 0.006 -85.415
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Equity Englie (ENGI:EN Paris) Eur millions Balance Sheet 31 December Revenue Other Revenue, Total Total Revenue Other Revenue, Total Total Revenue Other Revenue, Total Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating income Unusual (Expense) Drousual (Expense) Current Operating (Expense) Current Operating Income (EBIT) Share in net income of entities accounted for using the eq.method	192 55,959 49,527 165,306 31-12-14 2014 74,686 (44.155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -6.42% -14.73% 2.36% 9.00%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) (17,650) 9,339 179	0.59% 15.18% 13.15% 100.00% illions et 100.00% -62.96% 37.04% -16.17% -10.90% 7.78% -4.93% 0.00% -24.22% 12.82% 0.25%	(4,833) 26,713 24,585 125,690 ECN Eur Balance Sh Revenue 2014 111,556 1511,556 (3,727) (49) (3,230) (3,592) 2,319 1(106,836) 4,720 (273)	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% -88.35% -0.04% -0.04% -2.90% -3.22% 2.08% 0.00% -95.77% 4.23%	(1,701) (4,372) 51,145 31,506 ENEL Eur n Balance She Revenue 2014 63,931 9,397 73,328 (54,107) 19,221 (4,864) (838) 2,381 (62,632) 10,696 35	-1.02c -2.62c 30.69c 18.91c 100.00c 18.91c 100.00c -73.79c 26.21c -6.63c 0.00c -7.10c -1.14c 3.25c 0.00c -85.41c 14.59c 0.05c 0.05c 0.05c 14.59c 0.05c 10.05c 11.5c 11.5
Other Equity, Total (translation adjustments) Total Equity without minority interest European Without Minority interest European Without Minority Minori	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% -59.12% 40.88% -13.09% -6.42% -14.73% -9.00% 0.59% 9.00%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) (17,650) 9,339 179 9,518	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -16.17% -1.090% -4.93% -24.22% 0.25% 13.06%	(4,833) 26,713 24,585 125,690 ECN Eur Bajance Sh Révenue 2014 11,556 111,556 14,299 (3,230) (3,592) 2,319 (106,836) 4,720 (273) 4,447	100.00% 100.00% 100.00% 100.00% 100.00% -88.35% 11.65% -3.34% -2.90% -3.22% 2.08% -0.00% -95.77% 4.23% -0.37% 6.10%	(1,701) (4,372) 51,145 31,506 ENEL Eur r Balance She Revenue 2014 63,931 9,397 173,328 (54,107) 19,221 (4,864) (5,204) (838) 2,381 10,696 35 10,731	-1.02° -2.62° -3.089° -1.08° -
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Equity Englie (ENG:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Other Revenue, Total Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating income Incusual (Expense) Income (no IFRS) Total Operating (Expense) Ourrent Operating Income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income after previous line Mark-to-market on commodity contracts other than trading instrumen	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -6.42% -14.73% 2.36% 9.00%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) (17,650) 9,339 179	0.59% 15.18% 13.15% 100.00% illions et 100.00% -62.96% 37.04% -16.17% -10.90% 7.78% -4.93% 0.00% -24.22% 12.82% 0.25%	(4,833) 26,713 24,585 125,690 EON Eur Balance Sh Révenue 2014 111,556 111,556 11,556 (98,557) 12,999 (3,230) (3,592) 2,319 (106,836) 4,720 (273) 4,447 405	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% -88.35% -0.04% -0.04% -2.90% -3.22% 2.08% 0.00% -95.77% 4.23%	(1,701) (4,372) 51,145 31,506 166,634 ENEL Eur r Balance She Revenue 2014 63,931 9,397 73,328 (54,107) 19,221 (4,864) (838) 2,381 (62,632) 10,696 35 10,731 (225)	-1.025 -2.622 -3.0 -3.0 -3.0 -3.0 -3.0 -3.0 -3.0 -3.0
Other Equity, Total (translation adjustments) Total Equity without minority interest Balance Sheet 31 December Total Revenue Other Revenue, Total Total Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating expenses Other operating income Junusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating income (EBIT) Share in net Income of entities accounted for using the eq.method Zurrent operating income after previous line Mark-to-market on commodity contracts other than trading instrumen majarment losses (Impairment of PPE, Intangible and fin. assets) Testing and the province of the previous in the province of the province of the previous fine Mark-to-market on commodity contracts other than trading instrumen majarment losses (Impairment of PPE, Intangible and fin. assets)	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161 ts (298) (1,037) (167)	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -6.42% -14.73% 0.59% 9.59% 9.59% 9.59% 9.40%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) 179 9,518 203 (1,189)	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -10.90% -4.93% 0.00% -24.22% 12.82% 0.25% 13.06% 0.26% 0.	(4,833) 26,713 24,585 125,690 ECN Eur Bajance Sh Révenue 2014 11,556 111,556 14,299 (3,230) (3,592) 2,319 (106,836) 4,720 (273) 4,447	100.00% 100.00% 100.00% 100.00% 100.00% -88.35% 11.65% -3.34% -2.90% -2.90% -3.22% 2.08% -0.00% -95.77% 4.23% -0.31% 0.56% -7.46%	(1,701) (4,372) 51,145 31,506 ENEL Eur r Balance She Revenue 2014 63,931 9,397 173,328 (54,107) 19,221 (4,864) (5,204) (838) 2,381 10,696 35 10,731	-1.025 -2.625 -1.025 -1
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Equity Englie (ENG:EN Paris) Eur millions Balance Sheet 31 December Revenue Other Revenue, Total Total Revenue Other Revenue, Total Total Revenue Other Revenue, Total Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating income Other operating income Unusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating Income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income after previous line Mark-to-market on commodity contracts other than trading instrumen mpairment losses (impairment of PPE, intangible and fin. assets) Restructuring costs Thanges in scope of consolidation	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161 its (298) (1,037) (167) 562	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -14.73% 2.36% 0.59% 9.00% 0.59% 9.59% -0.22% 0.75%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) 179 9,518 203 (1,189)	0.59% 15.18% 13.15% 100.00% illions et 100.00% -62.96% 37.04% -10.17% -10.90% 7.78% -4.93% 0.00% -24.22% 12.82% 0.25% 13.06% 0.26% -1.63% 0.00%	(4,833) 26,713 24,585 125,690 EQN Eur Balance Sh Révenue 2014 111,556 111,556 12,999 (3,727) (49) (3,230) (3,592) 2,319 (106,836 4,720 (273) 4,447 405 (5,437)	-3.85% 21.25% 19.56% 100.00% millions neet 100.00% -88.35% 11.65% -3.34% -2.90% -3.22% 2.08% 0.00% -95.77% 6.10% 0.56% -7.46% 0.00%	(1,701) (4,372) 51,145 31,506 ENEL Eur n Balance She Revenue 2014 63,931 9,397 73,328 (54,107) 19,221 (4,864) (5,204) (838) 2,381 (62,632) 10,696 35 10,731 (225) (7,466)	-1.0252 -2.622 -2.622 -2.622 -2.622 -10.0003 -18.915 -10.0003 -7.100 -7.
Other Equity, Total (translation adjustments) Total Equity without minority interest Balance Sheet 31 December Revenue Other Revenue, Total Total Revenue Other Revenue, Total Gross Profit Personnel Costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating expenses Other operating expenses Other operating income Unusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income after previous line Mark-to-market on commodity contracts other than trading instrumen majariment to Sasse (Impairment of PPE, intangible and fin. assets) Restructuring costs Changes in scope of consolidation Other non-recurring items	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161 ts (298) (1,037) (167)	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -6.42% -14.73% 0.59% 9.59% 9.59% 9.59% 9.40%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) 179 9,518 203 (1,189)	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -10.90% -4.93% 0.00% -24.22% 12.82% 0.25% 13.06% 0.26% 0.	(4,833) 26,713 24,585 125,690 EQN Eur La	100.00% 100.00% 100.00% 100.00% 100.00% -88.35% 11.65% -3.34% -2.90% -2.90% -3.22% 2.08% -0.00% -95.77% 4.23% -0.31% 0.56% -7.46%	(1,701) (4,372) 51,145 31,506 166,634 ENEL Eur r Balance She Revenue 2014 63,931 9,397 73,328 (54,107) 19,221 (4,864) (838) 2,381 (62,632) 10,696 35 10,731 (225)	-1.029 -2.629 30.699 18.919 100.009
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating income Unusual (Expense) Unusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating Income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (CBIT) Share in net income of entities accounted for using the eq.method Current operating income (CBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT)	192 55,959 49,527 165,306 31-12-14 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161 ts (298) (1,037) (167) 562 353 6,574	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -41.73% 2.36% 9.00% 9.059% 9.59% -0.25% 0.25% 0.27% 0.27% 0.40% 8.80%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) (7,940) 5,668 (3,593) (17,650) 9,339 179 9,518 203 (1,189) (157) (212) 8,163 (2,243)	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% -7.78% -4.93% -0.00% -24.22% 12.82% -1.63% -0.00% -0.22% -0.29% -0.29% -1.29%	(4,833) 26,713 24,585 125,690 EQN Eur Balance Sh Revenue 2014 111,556 111,556 111,556 (3,230) (3,592) 2,319 (106,836) 4,720 (273) 4,447 405 (5,437) (91) (676)	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 11.65% -3.34% -0.04% -2.90% -3.22% 2.08% -0.00% -0.56% -7.46% -0.00% -0.00% -0.12% -0.61%	(1,701) (4,372) 51,145 31,506 ENEL Eur n Balance She Revenue 2014 63,931 9,397 73,328 (5,407) 19,221 (4,864) (838) 2,381 (62,632) 10,696 35 10,731 (225) (7,466)	-1.025** -1.
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest English (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating expenses Other operating income Unusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating Income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income after previous line Mark-to-market on commodity contracts other than trading instrumen Impairment losses (Impairment of PPE, Intangible and fin. assets) Restructuring costs Changes in scope of consolidation Other non-recurring items Income/ (loss) from operating activities Financial Expense, Net Non-Operating	192 55,959 49,527 165,306 31-12-14 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161 (298) (1,037) (167) 562 353 6,574 (2,462)	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -14.73% 2.36% -9.00% 0.59% 0.40% -1.39% 0.22% 0.75% 0.47% 8.80%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) 179 9,518 203 (1,189) - (157) (212) 8,163 (2,243) (2,996)	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -16.17% -4.93% -0.00% -24.22% 12.82% 0.25% 13.06% 0.25% 0.25% 0.25% 1.637% -0.00% -1.637% -1.63	(4,833) 26,713 24,585 125,690 EQN Eur L. 2014 111,556 111,556 111,556 1(98,557) 12,999 (3,230) (3,230) (3,230) (3,230) (3,230) (4,447 405 (5,437) (91) (676)	100.00% 100.00% 100.00% 100.00% 100.00% -88.353% 11.65% -2.90% -3.349% -0.04% -2.90% -3.52% -0.87% -0.056% -0.056% -0.00% -0.012% -0.61%	(1,701) (4,372) 51,145 31,506 ENEL Eur r Balance She Revenue 2014 63,931 9,397 : 73,328 ' (54,107) 19,221 (4,864) - (52,04) (838) 2,381 1,696 10,731 (225) (7,466) 47 3,087 (316) (2,952)	-1.0252-2.625 -2.62
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest English (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating income Unusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating Income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT)	192 55,959 49,527 165,306 31-12-14 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161 ts (298) (1,037) (167) 562 353 6,574	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -41.73% 2.36% 9.00% 9.059% 9.59% -0.25% 0.25% 0.27% 0.27% 0.40% 8.80%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) (7,940) 5,668 (3,593) (17,650) 9,339 179 9,518 203 (1,189) (157) (212) 8,163 (2,243)	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -16.17% -10.90% -4.93% 0.00% -24.22% 12.82% 0.28% -1.63% 0.28% -1.63% 0.28% -1.63% 0.29% 11.20%	(4,833) 26,713 24,585 125,690 EON Eur Bajance Sh Révenue 2014 111,556 111,556 17,999 (3,230) (3,592,2,319 (273) 4,472 (273) 4,405 (5,437) (91) (676) (2,692) 882	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 11.65% -3.34% -0.04% -2.90% -3.22% 2.08% -0.00% -0.56% -7.46% -0.00% -0.00% -0.12% -0.61%	(1,701) (4,372) 51,145 31,506 ENEL Eur n Balance She Revenue 2014 63,931 9,397 73,328 (5,407) 19,221 (4,864) (838) 2,381 (62,632) 10,696 35 10,731 (225) (7,466)	-1.022 -2.622 -3.0.69 -1.025 -3.0.69 -1.025 -3.0.69 -1.0.25 -3.0.69 -1.0.25 -3.0.00 -7.100 -7
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest English (ENGI:EN Paris) Eur millions Balance Sheet 31 December Revenue Other Bevenue, Total Total Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating expenses Other operating income Unusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating income (EBIT) Surrent operating income after previous line Mark-to-market on commodity contracts other than trading instrument mipairment losses (Impairment of PPE, Intangible and fin. assets) Restructuring costs Changes in scope of consolidation Other non-recurring items Income/ (loss) from operating activities Financial Expense, Net Non-Operating Financial Income - Non-Operating Gain (loss) on sale assets Net financial loss interest Income(Exp), Net Non-Operating	192 55,959 49,527 165,306 31-12-14 2014 74,686 (44,155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161 (298) (1,037) (167) 562 353 6,574 (2,462)	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -14.73% 2.36% 9.00% 0.59% -0.42% -1.39% -0.22% 0.75% 8.80%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) 179 9,518 203 (1,189) - (157) (212) 8,163 (2,243) (2,996)	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -16.17% -4.93% -0.00% -24.22% 12.82% 0.25% 13.06% 0.25% 0.25% 0.25% 1.637% -0.00% -1.637% -1.63	(4,833) 26,713 24,585 125,690 EQN Eur L. 2014 111,556 111,556 111,556 1(98,557) 12,999 (3,230) (3,230) (3,230) (3,230) (3,230) (4,447 405 (5,437) (91) (676)	100.00% 100.00% 100.00% 100.00% 100.00% -88.353% 11.65% -2.90% -3.349% -0.04% -2.90% -3.52% -0.87% -0.056% -0.056% -0.00% -0.012% -0.61%	(1,701) (4,372) 51,145 31,506 ENEL Eur r Balance She Revenue 2014 63,931 9,397 : 73,328 ' (54,107) 19,221 (4,864) - (52,04) (838) 2,381 1,696 10,731 (225) (7,466) 47 3,087 (316) (2,952)	-1.02e ² -2.62e
Other Equity, Total (translation adjustments) Total Equity without minority interest Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Other Revenue, Total Total Revenue Other Revenue, Total Total Revenue Other Operation (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating income Unusual (Expense) Income (no IFRS) Total Operating (Expense) Ourrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income (EBIT) Share in net income of entities accounted for using the eq.method Durrent Operating income of the entities accounted for using the eq.method Durrent Operating income of the entities accounted for u	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779) 1,764 (67,966) 6,720 441 7,161 ts (298) (1,037) (167) 562 353 6,574 (2,462) 586 (1,876) 4,698	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% -100.00% -59.12% 40.88% -14.73% -2.36% -14.73% -9.59% -0.40% -1.39% -0.40% -0.22% 0.75% 8.80% -3.30%	1,580 40,665 35,246 267,947 EDF Eur m galance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) 179 9,518 203 (1,189) 9,518 203 (1,189) (157) (212) 8,163 (2,243) (2,996) 2,668 - (2,551) 5,612	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -16.17% -10.90% -4.93% 0.00% -24.22% 12.82% 0.28% -1.63% 0.28% -1.63% 0.28% -1.63% 0.29% 11.20% -4.11% 3.69% 0.00% -3.50% -7.70%	(4,833) 26,713 24,585 125,690 EON Eur Bajance Sh Révenue 2014 111,556 111,556 17,999 (3,727) (49) (3,592,319 (273) 4,4720 (273) 4,4720 (676) (5,437) (676) 676 (2,692) 107 (1,703) (2,379)	100.00% 100.00% 100.00% 100.00% 100.00% -88.35% 11.65% -3.34% -2.90% -3.22% -0.61% -7.46% -0.00% -0.12% -0.61% -2.41% -0.79% -1.53% -2.13%	(1,701) (4,372) 51,145 31,506	-1.0252-2.62
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating income Unusual (Expense) Unusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating Income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income after previous line Mark-to-market on commodity contracts other than trading instrumen Impairment losses (Impairment of PPE, intangible and fin. assets) Restructuring costs Changes in soope of consolidation Other non-recurring items Incomer (Joss) from operating activities Financial Expense, Net Non-Operating Financial Income - Non-Operating Gain (loss) on sale assets Net financial loss Interest Income(Exp), Net Non-Operating Net Income Before Taxes (EBT)	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779) 1,764 (67,966) 6,720 441 7,161 (298) (1,037) (167) 562 353 6,574 (2,462) 586	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -14.73% 2.36% 9.00% 0.59% -0.42% -1.39% -0.22% 0.75% 8.80%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) 179 9,518 203 (1,189) (157) (22,243) (2,243) (2,996) 2,688	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -16.17% -4.93% -4.93% -0.00% -24.22% 12.82% 0.26% 0.26% 13.06% 0.26% -1.637% -1.637% -1.637% -1.639% -1.20%	(4,833) 26,713 24,585 125,690 ECN Eur L 2014 111,556 111,556 111,556 12,999 (3,230) (3,230) (3,592) 2,319 (106,836) 4,720 (273) 4,447 405 (5,437) (91) (676) (2,692) 882 107 (1,703)	100.00% 100.00% 100.00% 100.00% 100.00% -88.353% 11.65% -2.90% -3.349% -0.04% -2.90% -3.52% -0.85% -0.056% -0.056% -7.46% -0.00% -0.00% -0.012% -0.61% -2.41% -0.79% -1.53%	(1,701) (4,372) 51,145 31,506 ENEL Eur r Balance She Revenue 2014 63,931 9,397 : 73,328 ' (54,107) 19,221 (4,864) - (52,04) (838) 2,381 1,696 35 10,731 (225) (7,466) - 47 3,087 (316) (2,952) 103 - (3,165)	-1.02°2-6.21°2-6.03°3.0.69°3.0.00°3.0.00°3.0.00°3.0.00°3.0.00°3.0.00°3.0.00°3.0.00°3.0.00°3.0.00°3.0.00°3.0
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Belance Sheet 31 December Income Statement 31 December Revenue Other Revenue, Total Total Revenue Purchases (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating income Unusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT) Share in net income of entities accounted for using the eq.method Current Operating income (EBIT)	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779) 1,764 (67,966) 6,720 441 7,161 ts (298) (1,037) (167) 562 353 6,574 (2,462) 586 (1,876) 4,698	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% -100.00% -59.12% 40.88% -14.73% -2.36% -14.73% -9.59% -0.40% -1.39% -0.40% -0.22% 0.75% 8.80% -3.30%	1,580 40,665 35,246 267,947 EDF Eur m galance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) 179 9,518 203 (1,189) 9,518 203 (1,189) (157) (212) 8,163 (2,243) (2,996) 2,668 - (2,551) 5,612	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -16.17% -10.90% -4.93% 0.00% -24.22% 12.82% 0.28% -1.63% 0.28% -1.63% 0.28% -1.63% 0.29% 11.20% -4.11% 3.69% 0.00% -3.50% -7.70%	(4,833) 26,713 24,585 125,690 EON Eur Bajance Sh Révenue 2014 111,556 111,556 17,999 (3,727) (49) (3,592,319 (273) 4,4720 (273) 4,4720 (676) (5,437) (676) 676 (2,692) 107 (1,703) (2,379)	100.00% 100.00% 100.00% 100.00% 100.00% -88.35% 11.65% -3.34% -2.90% -3.22% -0.61% -7.46% -0.00% -0.12% -0.61% -2.41% -0.79% -1.53% -2.13%	(1,701) (4,372) 51,145 31,506	-1.02*2-2.62*2 30.69*3 30.69*3 18.91*1 100.00*3 18.91*1 100.00*3 18.91*1 100.00*3 18.91*1 100.00*3 100
Other Equity, Total (translation adjustments) Total Equity without minority interest Ending (ENGI:EN Paris) Eur millions Balance Sheet 31 December The Revenue Other Revenue, Total Total Revenue Other Revenue, Total Total Revenue Other Avenue Other Operating (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating expenses Other operating (Expense) Oursent Operating (Expense) Current Operating (Expense) Current Operating (Expense) Current Operating income after previous line Mark-to-market on commodity contracts other than trading instrumen prajament losses (Impairment of PPE, intangible and fin. assets) Restructuring costs Thanges in scope of consolidation Other non-recurring items norme/ (loss) from operating activities Financial Expense, Net Non-Operating Gain (loss) on sale assets Net Income Before Taxes (EBT) Net Income After Taxes (EBT) Net Income After Taxes (EBT or PAT)	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44.155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 7,161 (298) (1,037) (167) 562 2353 6,574 (2,462) 586 (1,876) 4,698 (1,588) 3,110	0.00% 0.12% 33.85½ 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -14.73% 2.36% -91.00% 9.00% 0.59% 0.59% 0.47% 0.47% 0.47% 8.80% -3.30% 0.78% -2.51% 6.29% -2.13%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,7650) 9,339 179 9,518 203 (1,189) - (157) (212) 8,163 (2,243) (2,996) 2,688 - (2,551) 5,612 (1,839) - 3,773	0.59% 15.18% 13.15% 100.00% 100.00% 100.00% -62.96% 37.04% -16.17% -10.90% -7.78% -4.93% 0.00% -24.22% 12.82% 0.25% 13.06% 0.25% 14.10% -1.637	(4,833) 26,713 24,585 125,690 EQN Eur La	-3.85% 21.25% 19.56% 100.00% millions leet 100.00% -88.35% 11.65% -3.34% -0.04% -2.90% -95.77% -4.23% -0.55% -0.61% -2.41% -0.79% -1.53% -2.13% -0.52% -2.65%	(1,701) (4,372) (51,145) (61,372) (1,375) (166,634) (170,145) (180	-1.0252-2.625 -1.0252-2.625
Other Equity, Total (translation adjustments) Total Equity Total Equity without minority interest Total Equity without minority interest Total Liabilities & Shareholders' Equity ENGIE (ENGI:EN Paris) Eur millions Balance Sheet 31 December Revenue Diter Revenue, Total Total Revenue Other Gerenal (Cast (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating income Junusual (Expense) Income (no IFRS) Total Operating (Expense) Current Operating Income (EBIT) Share in net Income of entities accounted for using the eq.method Durent operating income (EBIT) Share in net Income of entities accounted for using the eq.method Deternon-recurring income after previous line Mark-to-market on commodity contracts other than trading instrumen mpairment losses (impairment of PPE, intangible and fin. assets) Testructuring costs Changes in scope of consolidation Other non-recurring items nonome/ (toss) from operating activities Financial Income - Non-Operating Gain (loss) on sale assets Vet Inancial Ioss Interest Income(Exp), Net Non-Operating Net Income Before Taxes (EBT) noome Taxe Expense Net Income After Taxes (EAT or PAT)	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44,155) 30,531 (9,779) 1,764 (67,966) 6,720 441 7,161 (298) (1,037) (167) 562 353 6,574 - (2,462) 586 (1,876) 4,698 (1,588)	0.00% 0.12% 33.85% 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -6.42% -14.73% -9.00% 0.59% -0.42% 0.75% 8.80% -3.30% 0.78% -3.30% 0.78% 6.29% -2.51% 6.29% -2.13%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,785) (7,940) 5,668 (3,593) 179 9,518 203 (1,189) (157) (212) 8,163 (2,243) (2,996) 2,688 (2,551) 5,612 (1,839)	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -16.17% -4.93% -0.00% -24.22% 0.25% 13.06% 0.00% -0.29% -0.29% -0.16% -0.29% -0	(4,833) 26,713 24,585 125,690 Eco N Eur Bajance Sh Révenue 2014 111,556 111,556 17 (98,557) 12,999 (3,250) (3,592) 2,319 (106,836) 4,720 (273) 4,447 405 (5,437) (91) (676) 10 (2,692) 107 (1,703) (2,379) (576)	100.00% 100.00% 100.00% 100.00% 100.00% -88.35% 11.65% -3.34% -2.90% -3.22% 2.08% -0.00% -95.77% 4.23% -0.36% -7.46% 0.00% -0.00% -0.012% -0.61% -2.41% 0.79% -1.53% -0.52%	(1,701) (4,372) (51,145) (1,372) (51,145) (1,375) (1,3	-1.0252-2.625 -1.0252-2.625
Other Equity, Total (translation adjustments) Total Equity without minority interest Ending (ENGI:EN Paris) Eur millions Balance Sheet 31 December The Revenue Other Revenue, Total Total Revenue Other Revenue, Total Total Revenue Other Avenue Other Operating (Cost of Revenue, Total) Gross Profit Personnel costs (Selling/General/Admin.) Expenses, Total Research & Development Depreciation, amortization and provisions Other operating expenses Other operating expenses Other operating (Expense) Oursent Operating (Expense) Current Operating (Expense) Current Operating (Expense) Current Operating income after previous line Mark-to-market on commodity contracts other than trading instrumen prajament losses (Impairment of PPE, intangible and fin. assets) Restructuring costs Thanges in scope of consolidation Other non-recurring items norme/ (loss) from operating activities Financial Expense, Net Non-Operating Gain (loss) on sale assets Net Income Before Taxes (EBT) Net Income After Taxes (EBT) Net Income After Taxes (EBT or PAT)	192 55,959 49,527 165,306 31-12-14 2014 Revenue 2014 74,686 (44.155) 30,531 (9,779) (10,999) 1,764 (67,966) 6,720 441 151s (298) (1,037) (167) 5662 353 6,574 (2,462) 586 (1,876) 4,698 (1,588) 3,110	0.00% 0.12% 33.85½ 29.96% 100.00% 100.00% 100.00% -59.12% 40.88% -13.09% -14.73% 2.36% -91.00% 9.00% 0.59% 0.59% 0.47% 0.47% 0.47% 8.80% -3.30% 0.78% -2.51% 6.29% -2.13%	1,580 40,665 35,246 267,947 EDF Eur m Balance She Revenue 2014 72,874 (45,885) 26,989 (11,7650) 9,339 179 9,518 203 (1,189) - (157) (212) 8,163 (2,243) (2,996) 2,688 - (2,551) 5,612 (1,839) - 3,773	0.59% 15.18% 13.15% 100.00% iillions et 100.00% -62.96% 37.04% -16.17% -4.93% 0.00% -24.22% 0.25% 13.06% 0.29% -0.29% -0.29% -0.29% -1.637% -1.637% -1.637% -1.637% -2.52% 5.18%	(4,833) 26,713 24,585 125,690 EQN Eur La	-3.85% 21.25% 19.56% 100.00% millions leet 100.00% -88.35% 11.65% -3.34% -0.04% -2.90% -95.77% -4.23% -0.55% -0.61% -2.41% -0.79% -1.53% -2.13% -0.52% -2.65%	(1,701) (4,372) (51,145) (61,372) (1,375) (166,634) (170,145) (180	-1.025** -1.

4.2 COMMON SIZE STATEMENTS

Common size statements displays balance sheet and income statement figures as percentages, by using a common base (in this case, total assets and revenue).

There are important remarks about the structure of the company and its profitability, especially comparing with the competition:

The main one is linked to the balance sheet structure: and the proportion between the current liabilities and non current liabilities very different from competitors and more equilibrated.

The equity represents also a higher proportion than the other companies.

Trade receivable accounts are bigger than the competitors-reveals another type of business/contracts models or a problem of turnover.

Property and plant place a major role in the industry considerable provision 10% (nuclear).

Additional paid in capital 19,66 includes the issue of the green bond for new renewable projects.

Long term investments are lower than the other: an explanation: green energy need less investment.

Depreciation influences by 6,42% the structure of the equity





4 3. LIQUIDITY RATIOS

Liquidity ratios assess the financial solvability of a firm by comparing the current assets and current liabilities.

Current ratio evaluates the capacity of the working capital to meet its short-term needs, without taking in account additional possible sources. Engie keeps a constant and moderate current ratio and despite a slow decrease in 2013, it gives confidence in the capacity to pay immediate obligations.

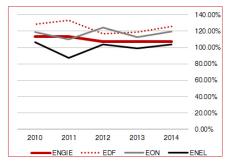
120.00% 100.00% 80.00% 60.00% 40.00% 20.00% 2010 2011 2012 2013 2014 ENGIE EDF EON ENEL

Current Assets/ Current Liabilities

	2014	2013	2012	2011	2010	2009	2008
ENGIE	107.39%	107.22%	107.17%	113.20%	113.64%	111.93%	
EDF	125.91%	119.06%	116.77%	133.29%	128.24%		
EON	119.59%	113.03%	124.55%	109.80%	119.08%		
ENEL	103.69%	99.19%	103.74%	87.55%	106.37%		

A more accurate ratio is the "quick ratio". The calculation removes the inventories from the current assets. Inventories are potentially less liquid. Indeed in the nuclear business, inventory might be more difficult to dispose than in other industries. Engie ratio is an average compared with competitors, although a little below on the 1:1.

	Quick rati	0					
	2014	2013	2012	2011	2010	2009	2008
ENGIE	97.90%	96.58%	97.54%	103.51%	105.04%	102.94%	
EDF	100.39%	93.75%	92.39%	106.66%	102.69%		
EON	110.18%	100.28%	111.42%	99.33%	108.62%		
ENIEI	OE 100/	on nno/	UN 030/	70 000/	00 100/		



4.4 CASH FLOW ANALYSIS

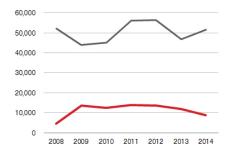
The diferences in cash from year to year reflects the decreasing in revenues. Decrease with 26% on operational cash, reduce investment cash by 22,8%, and reduced it's cash financing costs by 29,2%. There is an increase in the amount due to reinburse debt.

RATIOS

Debt repayment capacity equal with total debt outstanding divided by the free cash flow.

It increases after the impairment, but lower than 2011 and 2012. Maturing obligations shows that curent liabilities are covered by 17% of the operatin cash flow. There is tremendous decrease in 2014.

CASH FLOW	2014	2013	2012	2011	2010	2009	2008
Debt repayment capacity	13.78	8.96	16.27	14.18	15.54	11.93	(23.68)
Maturing Obligations -Operating CF/ CL	0.17	0.26	0.24	0.25	0.27	0.31	0.08
Debt repayment capacity variante	12.37	7.84	14.38	12.32	13.19	9.86	(20.18)

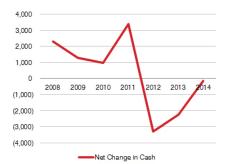


Evolution of cash (red) and liabilities (grey)



Cash flow statement - Engie assumptions.

NGIE (ENGI:EN Paris) Eur millions							
Cash Flow Statement 31 December	2014	2013	2012	2011	2010	2009	2008
let Income	3,110	(8,783)	2,742	5,422	5,628	5,230	5,591
hare in NI of entities accounted for using the eq. M	(441)	(570)	(433)	(462)	(264)	(403)	(318
lividends received from ent. Accounted for eq. met	526	432	315	265	273	376	358
Depreciation/Depletion	5,722	20,519	9,246	7,431	7,331	4,726	3,986
npact of changes in scope of consolidation & other non recurring items	(924)	(479)	(87)	(1,497)	(2,592)	(801)	(1,958
flark-to-market on commodity contracts other than trading instruments	298	226	(109)	105	106	323	(564
Other Cash & Non-Cash Items	21	93	114	130	121	217	184
ncome Tax expense	1,588	745	2,049	2,119	1,913	1,719	912
let Interest Paid	1,876	1,946	2,775	2,605	2,221	1,628	1,494
ash from Operating Activities before T & WCR	11,776	14,129	16,612	16,118	14,737	13,015	9,680
ax Paid	(1,805)	(2,058)	(2,010)	(1,853)	(2,146)	(1,377)	(1,806
Changes in Working Capital	(1,221)	(91)	(995)	(426)	(258)	1,988	(3,487
ash from Operations after Tax	8,750	11,980	13,607	13,839	12,333	13,626	4,39
apital Expenditures	(6,774)	(7,712)	(9,728)	(11,020)	(10,678)	(11,309)	(10,366
risposals of property, plant and equipment, and intangible assets	241	267	185	167	405	336	128
oss of controlling interests in entities, net of cash and cash equiv. sold	565	468	537	1,024	412	55	120
Disposals of investments in entities accounted for using the eq.method	505	-100	307	1,024	-112	33	
nd joint op.	822	1.569	300	1.570	1.239	1.295	2.538
isposals of available-for-sale securities	1.064	171	93	76	847	685	110
nterests received on non-current financial assets	1,004	74	54	81	39	80	130
lividends received on non-current financial assets	107	127	129	138	128	235	220
change in loans and receivables originated by the Group and other	8	(69)	(21)	60	(176)	447	(108
cash from Investing Activities	(3,938)	(5,105)	(8,451)	(7,904)	(7,784)	(8,176)	(7,348
asti from investing Activities otal Cash Dividends Paid	(3,720)	(4,694)	(2,117)	(4,363)	(3,918)	(4,028)	(3,900
epayment of borrowings and debt	,	,	,	, ,	(7,424)	,	(5,900
	(6,394)	(5,640)	(7,558)	(6,517)		(12,897)	
hange in financial assets at fair value through income	(412)	(435)	2,473	(1,146)	16	(993)	518
terests paid	(1,079)	(1,553)	(1,915)	(1,977)	(1,565)	(1,293)	(1,483
nterests received on cash and cash equivalents ash flow on derivatives qualifying as net investment hedges and	100	116	185	212	141	149	261
ompensation payments on derivatives and on early buyback of							
orrowings	(873)	(184)	(721)		8,709	14,887	15,667
ncrease in borrowings	5,033	3,393	11,587	8,114	563	84	247
ncrease/decrease in capital	388	388	229	569	(491)		
ybrid issue of perpetual subordinated notes	1,974	1,657					
urchase and/or sale of treasury stock	136	(5)	(358)	(362)	742		(680
Changes of ownership interests in controlled entities	(126)	(71)	(10,125)	2,974	(455)	(191)	
ash from Financing Activities	(4,973)	(7,028)	(8,320)	(2,496)	(3,682)	(4,282)	5,52
et Change in Cash	(161)	(153)	(3,164)	3,439	867	1,168	2,57
oreign Exchange Effects	1	(2,083)	(126)	(58)	106	107	(248
et Change in Cash	(160)	(2,236)	(3,290)	3,381	973	1,275	2,32
	(160)	(2,677)	(3,292)	3,379	972	1,275	9,049
nares Outstanding Millions	2,366,768,979	2,359,111,490	2,271,233,422				
of shares at period-end Millions	2,435,285,011	2,412,824,089	2,412,824,089	2,252,636,208	2,250,295,757	2,260,976,267	2,193,643,82
LUTED average number of outstanding shares							
ASIC EARNINGS/(LOSS) PER SHARE (EUROS)	1.0	(3.9)	0.68	1.80	2.11	2.05	
LUTED EARNINGS/(LOSS) PER SHARE (EUROS)	1.0	(3.9)	0.67	1.77	2.10	2.03	
et recurring income Group share, per share		, ,					
vidend paid	1.00	1.50	1.50	1.50	1.50	1.50	1.5
nare Price at Year end €	19.43	17.10	15.58	21.12	26.85	30.29	35.33
verage Share Price per year? €			. 5.00	22	20.00	55.25	23.00
ivident payout rate	(1.20)	0.53	(0.77)	(0.80)	(0.70)	(0.77)	(0.70
	(1.20)	-9%	47%	30%	26%	(0.11)	15%



Net change in cash

4.5 SHAREHOLDERS AND MARKET VALUATION

P/E

Price on earnings is the value of equity to the firms earnings: ratio per share basis = Share Price/ Earnings per Share. Except the costly impairment, the price per share was aligned with competitors (with an increase in 2012). In the idea that the value of the share is directly proportionate with the earnings (although sensitive to the leverage), the present paper assesses a decrease in the P/E from 2013, alligned to increase in earnings, and affecte by impairmen.

ASSET BACKING

A sensitive ratio is the market value divided by the book value. Although markets received well the impairment, the asset backing is still under 1, with poor expectation about future performances.

EBITDA/EV

Represents a measure for the rate of return on investment and it is used as an alternative to the P/E, which do not take in the leverage. No surprise, the company has a decrease in the rate of return on investment.

EXTERNAL RATIO SHAREHOLDERS	2014	2013	2012	2011	2010	2009	2008
Price earnings ration	18.84	(4.39)	23.25	11.93	12.79	14.92	
Earnings yield (earnings per sgare/share price at year end)	5.31%	-22.80%	4.30%	8.38%	7.82%	6.70%	0.00%
Dividend yield (dividend paid/share price at year end)	5.15%	8.77%	9.63%	7.10%	5.59%	4.95%	4.25%
Market Value Millions	47,318	41,247	37,580	47,576	60,420	68,474	77,490
Book Value (Equity) Millions	55,959	53,659	71,302	80,270	70,627	65,527	62,818
Asset backing	0.85	0.77	0.53	0.59	0.86	1.04	1.23
		air value and in re narrowing t			CI	rises effect	
EBITDA AND COMPANY VALUATION							
EV/EBITDA	11	9	9	11	11	12	17
EBITDA/EV (rate of return)	9%	11%	11%	9%	9%	8%	6%





CONCLUSION

There is an underlying strategy hidden behind numbers and disclosed intentions. Engie has a more "conservative" approach when dealing with the context compared with competitors, by applying a moderate policy on debt and some ratios, looking forward to ensuring stakeholders with less volatile figures. It is a reducing risk strategy, and it is not a surprise, considering the type of shareholders Engie has. This has a price to be paid on margins and firm's market valuation, but it reveals a rather long term approach than an aggressive short term action. Engie manages to keep some ratios successfully constant such as ROCE and the gearing at a level that can reassure markets, and this, despite the total industry decay.

Decisions and company's strategy, tries to consolidate every future action and to respond with consistency to the challenges it faces: it seems that Engie preferred to apply one massive strategic impairment measure, rather than to register several important devaluation measures of the balance sheet. This had a positive impact in 2013 and 2014 on the market value, but the question is if this will be enough in the deteriorating 2015 context.

However Engie is not facing a good situation and has to move forward very fast in the renewal energy sector on a high speed action, as far as subsidy policies are still vulnerable and energy demand remains very low. Moreover, other companies already declared the shift towards renewable sources energy generation, and it is assumed that this will have a strong impact on margins. In a scenario of fast recovery and success of the ECB (European Central Bank) policy, the inflation rate might also have adverse effect on a company which is forced for the moment to continuously devaluate assets. There is a need to see a boost in investments, reflected on the balance sheet by the injection of additional paid in capital (from the green bond) in investments and consequent increase in profits.

Engie should not ignore the impact of definitive shut down of its nuclear units in Belgium and therefore it should move a step forward in compensating possible losses. E.ON lesson is an important one.

Despite the strategy to access international markets, Europe still represents its main source of revenue. In a long-lasting depressing context, Engie's operational efficiency strategy won't be enough to bring positive results. The company has huge fixed assets that can't be changed to become more efficient in a short period of time. However, in the idea that fixed assets represents important barriers to entry, the company should leverage the future strategy based on its brick and mortar facilities. Especially in the services and e-business new developments, the company should explore straddling strategies, create complementaries in order to expend is portfolio as well as its client basis.

Shareholders might be risk adverted, but their patient has a limit. It is assume that they are expecting actions and signs of recovery of their returns.

Besides the expected 2016 and on-going reorganisation of the company, it is expected, that Engie will spin-off its activity in a decentralisation policy to increase its flexibility but also to isolate vulnerability that might affect development of new activities. E.ON already had to do this with its nuclear power branch. Although one of its core business, today nuclear becomes a non-strategic business line.

It is also likely that the company will look for an internal structural integration and change in order to cope with the new strategy of energy mix. Besides energy mix, the company should look over its industry and time, in order to find the inter/cross sectorial opportunities. This will require trades-off between activities, functions and development channels. It is expected that financial statements of the company will completely change. In the organisational change context, 2015 annual report might reflect the internal and external volatility. It might also require strong communication and strategic skills as far as trust and confidence are key issues for the market capitalisation and development. However starting with 2016, 2017, financial statements will reflect the degree of consistency of the strategy in short term and give insights on the long term engagement.

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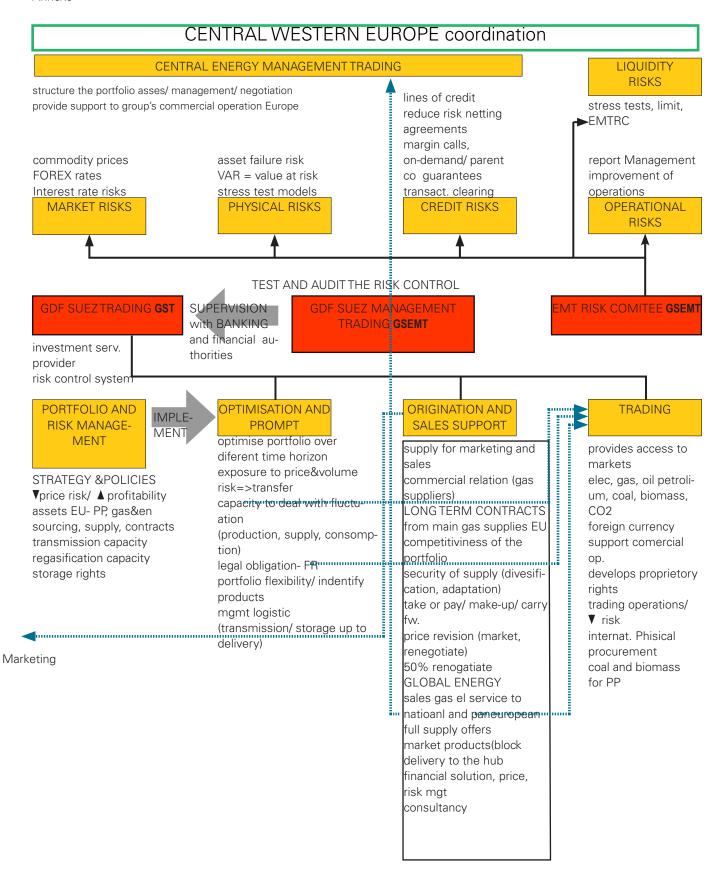


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Annexe





CENTRAL WESTERN EUROPE

	GENERATION ME	ΠER	NEW ACTIVITIES	MKT SALES M&S
FRANCE	4 combined cycle gas p balling)	ants (moth-	+154MW partnerships	162.2 TWh NG seller intense competition on B2B 17.9TWh electricity 2.2 M custom-
REGULATIO	\ \		olished by the government I or negotiated (market) price	ers B2C value chain/ new offers B2B
		re/ Commissi	176 million customer 112 TWh will be on of regulation - formula every year 6	
			tween and residential and non-resider	ntial consumers
BELGIUM	9462 MW 4132MW 2331MW fired the 95MW+ 376MW (moth)	nat gas rmal PP	175MW Mermeaid consortium 35% reduce op. fin. risk	162.2 TWh NG seller intense competition on B2B 17.9TWh electricity 2.2 M customers
REGULATIO	Doel 1 Doel2 stopped capacity remuneration	-negotiation 4 mechanism-	aring mechanism/ in substition to fix no 407million tax/ 397 million ensure survival of thermal power gen ompare prices with other countries- no	eration
GERMANY GDF Suez Energy Deu	451.5MW (95MW+ 376MW (moth) political discussion rev	al co-gener- calling) vision of the ir	196MW wind onshore 132MW hydro nstitutional framework) challenging	15 TWh natural gas seller 11.8TWh electricity .1 mil B2C gas customers .1 mill B2C el. Customers 731MW 57%
	context for convention	al generation	- coal fired plant	
NEDERLAND	4394 MW 4132MW r 2331MW r fired the 119MW dismantled ma	nat gas rmal PP	56MW wind onshore ondition	6 TWh natural gas seller 6 TWh electricity 0.5mil GAS AND POWER
REGULATIO	_		ent => closure several coal fired plant nment for each region	s of the plants