



ELECTRABEL FACTS & FIGURES 2013



Electrabel
GDF SUEZ

INVESTING IN TOMORROW'S ENERGY TODAY

Electrabel is part of GDF SUEZ, a worldwide leader in energy. The company is the market leader in Belgium, its historic home field, where it operates close to its customers and greatly contributes to economy and society.

Electrabel produces electricity and sells electricity, natural gas and energy services to residential customers, professionals, SMEs, industrial customers and public institutions. These activities are optimised by Energy Management & Trading on the European energy markets. The company provides 2.86 million customers with innovative, sustainable energy solutions with added value and a tailored service.

Electrabel possesses local, diversified generating facilities in Belgium totalling 9,163 MW. They consist of installations that work with renewable energy sources, plants that use fossil fuels and nuclear plants. The company is the largest producer of green energy in the country, with a capacity of 461 MW of renewable energy. Greenhouse gas emissions of the generating facilities are among the lowest in Europe.

Electrabel employs over 5,000 people, making it one of the most prominent employers in Belgium. For more than a century the company has been well anchored in the society and it takes its social responsibility seriously with special attention to the underprivileged.

5,151
employees

91
power plants

2.86
million
clients



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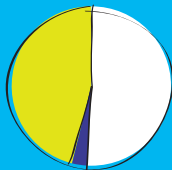
Download pdf online:
www.electrabel.com

ELECTRABEL IN BELGIUM 2013 KEY FIGURES



2.86 million
clients

45.7%
electricity
and natural
gas



50.7%
electricity
only

3.6% natural
gas only

Market share

50% electricity
46% natural gas



EUR **419** million
investments and
maintenance



52.3 TWh
electricity sales

46.3 TWh
natural gas sales

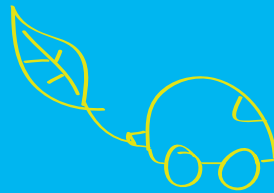




9,163 MW¹
generating capacity

42.7 TWh¹
electricity production

¹ Electrabel share

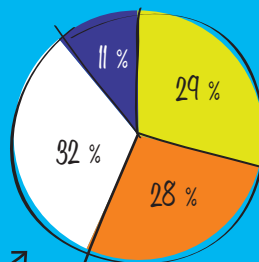


69.1%
production without
CO₂-emission

461 MW
renewable energy



5,151
employees



- 50 years of age and over
- between 40 and 49 years
- between 30 and 39 years
- < 30 years

2013 IN SHORT

In 2013 Electrabel solidified its position as a responsible leader, a local player and a caring partner working on behalf of all its clients.

CUSTOMERS

After having experienced the year 2012 as one of the most competitive years since the liberalisation of the energy market, sales activities have been marked by the stabilisation of the market share in the residential segment.

In January, Electrabel renewed its offering to its clients and all consumers. Prices automatically dropped for all clients, resulting in a very competitive offering as well as a high-quality service. Electrabel also enriched its portfolio with new services and new "online" products.



Discover the Smart range to save energy on:

www.electrabel.be/smart





PHILIPPE VAN TROEYE,
DIRECTOR - GENERAL MANAGER
ELECTRABEL

"It's our ambition to be a respectful company. A market leader in the production of electricity and the sale of energy, a recognised actor with strong local roots."



PRODUCTION

The restart of nuclear plants Doel 3 and Tihange 2 in June, after a 10 month recess, was typical for Electrabel's production activities in 2013. In December, the parliament also approved legislation concerning prolongation of the lifespan of the Tihange 1 nuclear plant by ten years.

In addition, Electrabel put four new wind farms into service in Flanders and Wallonia, and shut down several older conventional power stations in Ruien and Awirs for economic reasons.



SOCIAL COMMITMENT

In order to strengthen its identity as a locally entrenched energy producer, Electrabel has set up the CoGreen cooperative, which offered local residents the opportunity to invest in five wind farms.

The new partnership with SOS Children's Villages, which combines financial support and competence sponsorship, together with the third edition of its Power2Act programme, reinforced the level of social engagement of the company. The social sporting event Belgian Homeless Cup is sponsored by Electrabel for three years now, and was awarded the Prince Philippe Fund Prize.



CONTRIBUTE TO THE BELGIAN ECONOMY

Belgium is Electrabel's historical home market.

There is a strong connection between the two. As energy supplier, employer and investor, the company implements a distinguished function and delivers a serious contribution to the Belgian economy.



- 56.1% Production
- 22.3% Sales
- 5.6% Energy Management & Trading
- 16% Supporting services

IMPORTANT EMPLOYER

Late 2013 Electrabel had 5,151 people on its payroll in Belgium. This puts the company in the top 20 of largest employers. Almost half of the staff works in production, a fourth in sales.

The subsidiaries of Electrabel employed 1,342 people, including 1,081 with the N-Allo contact centre and 238 with the Laborelec competence centre.

Electrabel hired 90 new staff in 2013. Still the total workforce decreased by 278 people, mainly due to reaching the end of the career and termination of the employment contract.



Career guidance and partnership with education

13% of Electrabel's staff is 55 years of age or older. Facilitating knowledge transfer and attracting new suitable employees proves to be challenging to the company.

Electrabel cooperates closely with educational facilities in order to find the right (technical) profiles. In 2013,

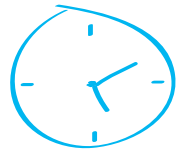
the new project "Work and Study" was initiated together with the Artesis Plan-tijn Hogeschool in Boom. It provides students with the opportunity to combine their studying with a job at the company. This way learning and gaining practical experience go hand in hand.

Electrabel also took part in the Vla-jo's "Entrepreneurs for the classroom" event, which enables high school stu-dents to get to know the attitude of entrepreneurship and where ideas are aligned between students and employ-ers. Also in cooperation with Vlajo an "Innovation Camp" was organised at the Doel nuclear plant. 80 second-ary education students were given 24 hours to find a creative solution to a challenge (create an advertising cam-paign) formulated by Electrabel.

For the second year in a row, Electrabel distributed more than a 1,000 copies of its energy course among students of ten technical bachelor schools.

Priority to training

Electrabel organises many trainings and provides its employees with countless opportunities to develop and to keep up to date their knowledge and skills, and move their careers forward.



4,700
employees had
288,000 hours of
training.

FINANCIAL RESULTS

The public limited company (SA) Electrabel realised a turnover of EUR 12.5 billion in 2013 (as opposed to 13.8 billion in 2012), with 7.6 billion booked in Belgium. It closed the financial year with a loss of EUR 906 million (as compared to a loss of EUR 106 million in 2012).

The standstill of nuclear plants Doel 3 and Tihange 2 during the first half of 2013, the general price drop on the energy markets and decreasing energy sales had their effect on the operating result, which dropped by 35% compared to 2012. The financial result increased considerably, especially due to a higher dividend from the participation in International Power.

The exceptional result revealed a loss of more than EUR 2 billion mainly composed of the nuclear contribution charged to Electrabel, depreciations on the value of gas power stations and the value decrease of participations in subsidiaries.

ELECTRABEL SA'S FINANCIAL DATA 2013 (EUR in millions)

Turnover	12,468
Operating result	422
Financial result	932
Exceptional result	-2,271
Result for the period after tax	-906
Corporate tax	0
Other contributions, taxes, levies	530
Nuclear contribution	422
Miscellaneous ¹	108
Social security contributions	128

¹ property tax, motive power, water intake, ionising radiation...

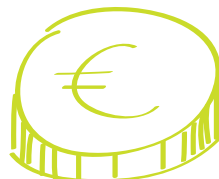
Taking notice of the 2013 results, no corporate tax applies. However, the company did pay EUR 530 million in other taxes, including a nuclear contribution of EUR 422 million, and a social security contribution of EUR 128 million.

ADVERSE INVESTMENT CLIMATE

In 2013, Electrabel invested EUR 419 million in its generating facilities and business software, especially for improving its service provision towards the customer and Energy Management & Trading operations. The difficult situation in the European energy market with its volatile legislation, overcapacity, growth of renewable energy and import of cheap American coal, contributes to uncertainty about the economic return on investments and puts a halt to the construction of new production facilities.

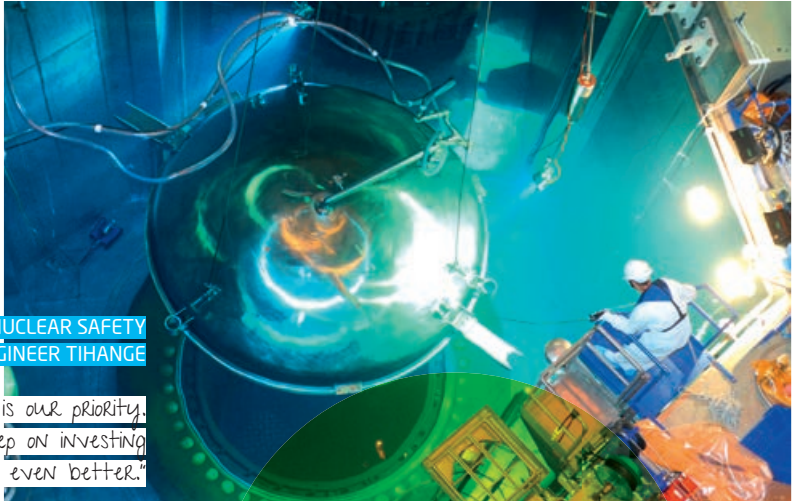


Detailed annual accounts of the company can be found on the website of the Banque Nationale: www.nbb.be



During the next years, EUR 0.6 billion will be invested to keep Tihange 1 in service up to 2025.





JEAN, NUCLEAR SAFETY
ENGINEER TIHANGE

"Nuclear safety is our priority. We constantly keep on investing into it to make it even better."



EUR 419
million
investments and
maintenance



- 312 Nuclear plants
- 27 Renewable production
- 44 Conventional production
- 36 IT

¹ IFRS

STRENGTHEN THE RELATIONSHIP OF TRUST WITH **THE CLIENT**

In order to better respond to the needs of its clients Electrabel has adapted its product offer. It also proposes innovative services enabling them to reduce their energy consumption and meeting their expectations.

2.86
million
clients



- 1.45 Electricity
- 0.104 Natural gas
- 1.31 Electricity + natural gas

NEW MARKET POSITIONING

Electrabel remained the main energy provider in Belgium in 2013, with a market share of approximately 50% for electricity (as opposed to 54.2% in 2012) and 46% for natural gas (as opposed to 51.9% in 2012). After the company had lost many clients in 2012 and the first months of 2013, it managed to stabilise its market share in the summer.

Late 2013, Electrabel had 1.45 million electricity clients, 104 000 natural gas clients and 1.31 million dual clients (electricity + natural gas).

Compared to 2012, Electrabel's electricity sales in Belgium dropped by 7.5% in 2013 due to a drop in sales to retail and large clients. Natural gas sales dropped by 8.8%. Especially sales to retail clients decreased in volume.

A NEW COMMERCIAL APPROACH

In January 2013, Electrabel lowered its energy prices (energy component) for retail clients (electricity up to minus 10% and natural gas up to minus 16%). Clients who had not yet picked a pricing formula, were automatically switched over to a more favourable contract.

Early 2013, the variable electricity price calculation index parameter was also adapted. It is no longer based on production costs and nuclear plant availability, but on wholesale market prices instead. On October 1, 2013, natural gas indexation was completely separated from petroleum pricing and

ELECTRABEL'S 2013 MARKET SHARE (in % of number of access points)

	Flanders	Wallonia	Brussels	Belgium
Electricity	44.6	50.3	75.9	50
Natural gas	41	44.5	74.3	46

Source: regulators



**PETRA, CUSTOMER CARE COLLABORATOR,
ELECTRABEL SHOP ANTWERP**

"IN 2013, WE WON OUR FIRST collective electricity purchases. It proves our new commercial offer is really competitive."

is now based on the most liquid gas index (TTF) in the Central and West European market. Electrabel hereby anticipates the 2015 government demand to realise a complete separation.

With this new competitive pricing, Electrabel managed to win collective purchases for natural gas and electricity (province of Antwerp, city of Ostend, province of East-Flanders, sp.a organisations...) for the first time. This totalled an annual volume of 155 GWh of electricity (36,500 access points) and 487 GWh of natural gas (27,500 access points).

Important companies and associations such as Brussels Airport Company, Infrabel, RTBF, Eandis, the Régie des Bâtiments, Arcelor Mittal, ExxonMobil, Wienerberger, Delhaize Group... all chose Electrabel as their supplier.

46.3 TWh
natural gas sales



- 13.4 Business
- 27.3 Retail
- 5.6 Wholesale

52.3 TWh
electricity sales



- 29.6 Business
- 13.3 Retail
- 9.4 Wholesale





Smart

Customers are always looking for innovative solutions to save energy, a need that is met by Electrabel's Smart range.

Electrabel
GDF SUEZ

Smart thermostat
Réglez votre chauffage à distance.

189€
99€
jusqu'au 15/12

Surfez vite sur electrabel.be



Always more "Smart"

With the Electrabel Smart app for smartphone and tablet, the heating, lighting and devices can be switched on and off and energy use can be controlled remotely.



SOPHIE, CUSTOMER CARE COLLABORATOR,
SALES RETAIL WALLONIA

"We want to always better answer questions of clients and give them the correct information as from the first contact."

Business clients with a contract where the energy price can be fixed at various moments, were given access to the new webtool "Click Online".

Electrabel also signed a new consumer agreement and in this context will inform its clients annually concerning the most profitable pricing modules.

The complaints indicator that categorises electricity and natural gas providers based on the number of energy provider-related complaints received by the VREG and the Ombudsman's office for Energy, gave Electrabel a five stars rating in 2013.

Due to the deployment of the new IT-customer management system and the linked learning process, Electrabel couldn't always reach its objectives, especially not during the summer:

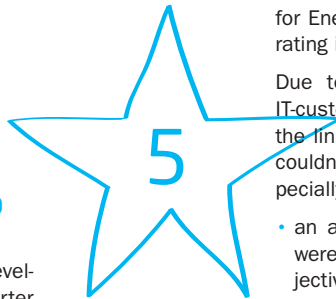
- an average of **67%** of service calls were answered within a minute (objective was 80%)
- an average of **94%** of problems were immediately addressed (objective was 90%)
- an average of **69%** of emails were answered within 2 days (objective was 80%).

At the beginning of 2014, results were again in line with the objectives.

MORE ATTENTION FOR INNOVATIVE PRODUCTS AND SERVICES

In 2013 Electrabel continued the development of its Smart range for smarter energy management.

The company also adopted a new information management system in order to provide its clients with a faster and better service. They are now enabled to perform over 80 transactions online themselves. For its residential clients, Electrabel launched the tool "Forfait Check" on its website, which can be used to review and change invoices on the fly. Electrabel was also the first energy provider in Belgium that adapted its website for smartphone use.



Electrabel obtained the highest score of five stars in terms of customer service.



Keep track of the performances on:
www.electrabel.be/fr/particulier/our-commitment



ELECTRICITY IN THE WHOLE OF BELGIUM

Electrabel has diversified generating facilities with low CO₂-emissions close to its clients. 91 electricity plants provide for a stable energy provision in the whole country.



9,163 MW
production capacity¹

42.7 TWh
electricity production¹

5%
from renewable sources²

4.3%
from renewable sources²

64.4%
without CO₂-emissions^{3,2}

69.1%
without CO₂-emissions^{3,2}

ELECTRICITY PRODUCTION CLOSE TO THE CLIENTS

End 2013 Electrabel's diversified production park consisted of 91 plants with a total capacity of 9,163 MW (share of the company). This is approximately 46% of the total capacity in Belgium. Electrabel's share of the Belgian nuclear capacity was 69.8%. Due to the shut down of the Ruien and Awirs 5 plants (together responsible for 902 MW) for economic reasons, the total capacity decreased by 716 MW compared to 2012.

Electrabel informed the authorities of its intention to transform the CCGT-plant Herdersbrug (480 MW) into a peak unit of 320 MW in 2014, that can be activated when renewable energy sources, which are on the rise within

¹ Electrabel share
² biomass, water, wind, solar
³ renewable sources, nuclear energy, pumped storage



3/4
About three fourth of all electricity produced in Belgium comes from the power plants operated by Electrabel.

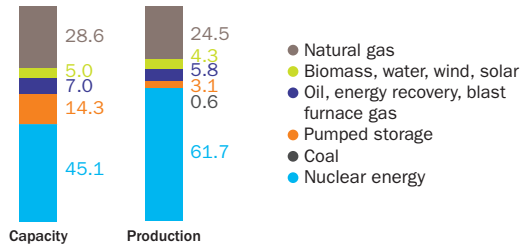
the European production park, are not available. This transformation will also allow for the less efficient turbojets and the old Drogenbos gas turbine to be progressively decommissioned.

Electricity production amounted to 42.7 TWh (share of the company) and remained virtually unchanged (+0.3 TWh) as opposed to 2012. The higher nuclear plant production compensated for the decrease in fossil fuel-based plant productivity.

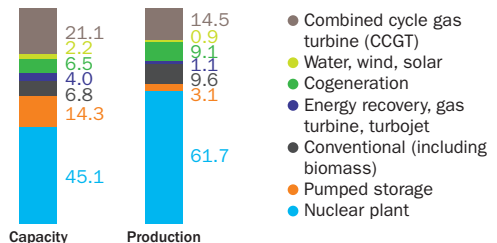
DIVERSIFIED PRODUCTION PARKS FOR RELIABLE ENERGY PROVISION

The diversity of technologies and fuels of the production park is an important factor to ensure the supply of customers in stable conditions. In 2013, nuclear energy remained the main source of fuel. It represented 45.1% of capacity and 61.7% of production. Natural gas was responsible for 28.6% and 24.5% respectively. Renewable energy sources totalled 4.3% of production.

2013 SHARE (%) OF FUELS IN CAPACITY AND PRODUCTION



2013 SHARE (%) OF PLANTS IN CAPACITY AND PRODUCTION





The nuclear plants' availability (apart from the mandatory Doel 3 and Tihange 2 standstill, see hereunder) scored remarkably high with a performance of 91.4%. This serves as an indicator of their performance and reliability.

IMPORTANT YEAR FOR NUCLEAR PLANTS

Nuclear energy and nuclear safety remained under scrutiny in 2013.

Doel 3 and Tihange 2 restart

Early June, nuclear plants Doel 3 and Tihange 2 were restarted after approval by the Federal Agency for Nuclear Control (FANC). The operation was smooth and completely safe. The units were deactivated for 10 months after inspections in the summer of 2012 had shown hydrogen flakes in the walls of the reactor vessels. Elaborate testing with the collaboration of external experts, showed that they are not progressive and do not affect the structural integrity and resistance of the vessels. Both reactor vessels will be re-inspected in 2014.

EUR 0.6
billion
investments
in Tihange 1

2015
decommissioning
of nuclear plants
Doel 1 and 2

The reactor vessel inspections for Tihange 1 and Tihange 3 conducted during the revision periods in 2013 with the same sophisticated measurement equipment, could not find any evidence of similar hydrogen flakes. The reactor vessel of Doel 4, produced by the same party as that of Tihange 3, will also undergo this inspection in 2015.

Prolonged exploitation of Tihange 1

The federal parliament approved the operating life extension of the nuclear plant Tihange 1 by 10 years, up to 2025. The terms concerning this prolongation were agreed in a contract between the Belgian government and the operators (Electrabel and EDF). This agreement provides an estimated EUR 0.6 billion investment in the plant - Electrabel has launched a large-scale Long Term Operation (LTO) project - and the attribution of a profit share from sales of produced electricity to the government.



Shutdown reactors Doel 1 and 2

The federal parliament also decided the decommissioning of the nuclear plants Doel 1 and 2 as of 2015. Electrabel already began preparing for the secure dismantling of both units. The first stage, which will take a few years, includes fuel removal from the reactors. During the second stage, which will take more than 10 years, the plants are dismantled and the area is restored to its original state.

Higher level of nuclear safety

In 2013, Electrabel continued the deployment of additional safety measures which resulted from the resistance tests conducted in European nuclear plants following the nuclear disaster in the Japanese Fukushima in March 2011. In Tihange for example, activities began for the construction of a dyke surrounding the site protecting the 3 nuclear units against the low risk of extreme flooding of the Meuse river. At Doel, the dyke alongside the Escaut was strengthened and dams were built to protect sensitive buildings and functions from excessive water hazard.

During inspections at Belgoprocess, an outflow of a gelatinous substance was noted on several drums containing low level radioactive waste captured in concrete, originating from the Doel nuclear plant. The cause is a chemical reaction between components present in the concrete-waste matrix. Electrabel immediately terminated the processing method as applied in Doel, and began the search for a new processing method in order to further guarantee safe, long-term storage and disposal of this waste. Audits of vessels that came from the Tihange nuclear plant, where a different processing method is applied, did not find any gel leakage.



JEAN-MARC, MANAGER STRATEGY DISMANTLING DOEL

"The dismantling of Doel 1 and 2 and the extended operation of Tihange 1 are challenging projects where we can fully use our nuclear expertise."



FURTHER REDUCE OUR ECOLOGICAL FOOTPRINT

In its production activities, the daily operations of employees and the servicing to clients, Electrabel takes its responsibility to reduce CO₂-emissions through a energy-efficient, innovative en transparant approach.

10 COMMITMENTS AGAINST CLIMATE WARMING

In 2008, Electrabel formulated its climate preservation policy in the plan "Together for less CO₂", which contains 10 commitments for reducing CO₂-emissions by 2015, for its electricity production and supporting activities, as well as for its clients.



More information about the plan on:
www.electrabel.com/sustainable

In 2013 the company pursued its efforts to reach the objectives of this plan.

Electrabel also launched a production park global environment plan for 2013-2017. It includes concrete measures for reducing the environmental footprint, and is structured around 10 themes including air, soil and water pollution, energy efficiency, waste, hazardous products and company culture improvement.

INVEST IN RENEWABLE PRODUCTION

In 2013 Electrabel put into service 4 new wind farms, with a total capacity of 24.6 MW (Frasnes-lez-Anvaing 4.1 MW, Sint-Gillis-Waas 6.15 MW, Lochristi-Zele 6.15 MW and Poperinge 8.2 MW). The production park of the company now holds 26 local wind farms with 94 wind turbines. However, due to the closure of group 5 of the Ruien plant, 52.6 MW of biomass combustion was lost, leading to a capacity reduction in terms of renewable energy sources to a total of 461 MW (489 MW in 2012).

The renewable energy sources provided 1.85 TWh (79% from biomass and 17% from wind), which corresponds with the annual consumption of 527,000 households. Production decreased by 16% as less biomass was combusted due to the termination of the Ruien plant. In 2015 Electrabel

seeks to produce a sufficient amount of green energy for 1 million households. Its aim is to achieve a production of 400 MW of wind energy by 2020.

In 2013 Electrabel strengthened its identity as a locally entrenched energy producer with the establishment of the Electrabel CoGreen cooperative, which offered local residents the opportunity to invest in 5 wind farms (Frasnes-lez-Anvaing, Poperinge, Lochristi-Zele, Sint-Gillis-Waas, Zwevegem-Harelbeke). This way 495 local residents became stakeholder of CoGreen.

The organisation was also heavily involved in 2 innovating offshore projects. The temporary joint venture

Mermaid, that was established by the Otary consortium (65%) and Electrabel (35%), continued working on the licensing file for the construction of an energy farm off the Belgian coast. The project entails the unique combination of an offshore wind farm (450 MW) and wave energy converters (20 MW). The farm should start producing green energy by 2017. In order to reduce the risks involved in a project of this magnitude, Mermaid began talks with the Northwester 2-consortium concerning the transfer of part of the concession.

461 MW
renewable energy



- 260 Biomass
- 21.8 Hydroelectric
- 174.6 Wind
- 4.6 Solar

1,845 GWh
production from renewable energy



- 1,465 Biomass
- 56 Hydroelectric
- 320 Wind
- 4 Solar



CoGreen

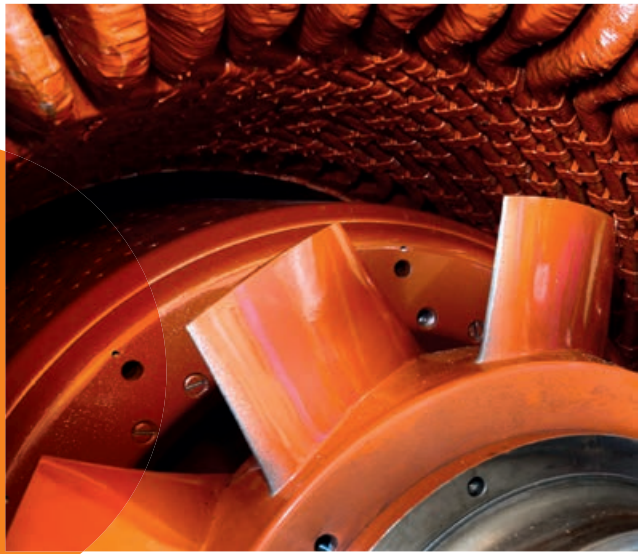
495 CoGreen shareholders can monitor the monthly production data of the windparks via a new website:



More information on:
www.electrabelcogreen.com

55%

The level of CO₂-emission per produced kilowatt-hour in Electrabel's production park is 55% lower than the European average.



EFFICIENT PLANTS TO REDUCE NOXIOUS EMISSIONS

The fossil fuel plants (conventional plants, CCGT units, cogeneration) had an average yield of 45.9% in 2013. This is a 1.2% increase since 2012, resulting from the termination of older, less efficient units. In addition, the gas turbine of the Amercoeur CCGT-unit was upgraded, resulting in a higher yield and 14 MW of extra capacity.

In 2013, these plants emitted 8,056 kilotons of CO₂, which is the equivalent of 680 g/kWh. The increasing share of blast furnace gas in the fuel mix, which is incinerated at the Knippegroen plant, led to a slight increase in emission value. CO₂-emissions of the total energy mix (including nuclear plants and renewable energy) amounted to 153 g/kWh, which is among the lowest values in Europe.

GDF SUEZ seeks to decrease CO₂-emission per kWh of its worldwide production park by 10% between 2012 and 2020. Since 2012, Electrabel has reduced its production park's emissions by 8.9%.

Electrabel also contributed to the preparation of a concession request file concerning the realisation of an artificial energy-atoll for energy storage in the North Sea. The idea is to pump seawater out of a ring-shaped island in case of an energy surplus, in order to let it flow back in through turbo-alternators to produce electricity once energy demands go up again. Electrabel's experience with its pumped storage power plant Coe is an important asset.

153
g/kWh
CO₂-emission

6.1 million
tons less
CO₂-emissions



**ROBERT, SENIOR EXPERT
MAINTENANCE GENERATORS**

"The first big overhaul of our Amercoeur CCGT-plant has improved the functioning of the alternator as well as the output and the capacity of the gas turbine."

Between 2008 and 2013, the total CO₂-emission of the production park decreased by 6.1 million tons (calculated at constant production with respect to the 2007 reference year). Electrabel thus largely meets its objective of reducing CO₂-emissions by 1.7 million tons between 2008 and 2014.

Also specific emissions of the acidifying components sulphur dioxide and nitrous oxide, as well as dust produced by fossil fuel plants, kept decreasing in 2013 by 16%, 3% and 9% respectively.



PRODUCTION PARK EMISSIONS

	SO ₂	NO _x	Dust
Production park total	13 mg/kWh	62 mg/kWh	1.2 mg/kWh
Plants with fossil fuels	58 mg/kWh	276 mg/kWh	5 mg/kWh

Supporting biodiversity

Electrabel signed the "Réseau Nature" charter in 2010. In that context, the company started up a large project in cooperation with Natagora for landscape restoration at the Tihange plant site. A zone of 2 hectares is redesigned with flower meadows, hedges, wetlands and forest. Following the restoration of 3 hectares of land on the Amercoeur plant site, this is a second "Réseau Nature"-project to support biodiversity.





410,000
clients with a green
energy contract

HELP CLIENTS TO SAVE ENERGY

In 2013 72,000 customers used Electrabel's products and services making them save energy (Energy audits, Home services, Smart products, Energy roadmaps, Energy Kronos...)

The company put special attention in optimising its Smart range (Smart energy box, Smart thermostat...). The new version of the Electrabel Smart application for smartphone and tablet made it even easier to remotely control and program electrical device usage and heating.

Also 42,000 customers opted for a central gas heating system rather than one powered by fuel oil.

FIRST GREEN ENERGY PRODUCER

In 2013 Electrabel remained the largest producer and provider of green energy in Belgium. By the end of 2013 the company held 410,000 residential and professional clients with a green energy contract (100% Belgian produced green energy). However, the number of "green" clients decreased by about one fifth compared to 2012, mainly due to loss of clients to other providers and switching to a different offering.

The company sold 582 GWh AlpEnergie to its industrial clients and public institutions, green power which is produced in GDF SUEZ owned hydroelectric power plants in France.



Smart thermostat

The campaign promoting the Smart thermostat enjoyed a great deal of interest from the client. Over 4,000 installed the device in their homes.



The Smart-range:
www.electrabel.be/smart



20%
more
compressed
natural gas
charged in
2013



STIMULATE SUSTAINABLE MOBILITY

Electrabel's natural gas charging stations distributed a total of 232 tons of compressed natural gas (CNG), which is 20% more than in 2012. The company is planning to open several additional stations, including in Dendermonde, in 2014. It also entered into 25 new agreements with fleet management companies for the supply of their car fleet with CNG.

Electrabel won the "Green Fleet & Mobility Award" and the "Fleet Innovation Award 2013". This award, granted by "Fleet & Business", rewarded its "Let's Choose" project, which promotes sustainable mobility amongst its employees, as well as its pilot projects for gas and electricity based fleet management, in terms of cost, ecology, and mobility.



Let's Choose

75% of the 2,000 participants in the "Let's Choose" project working in the GDF SUEZ Tower in Brussels have chosen to take public transport or to come to work by bike or scooter.



Fais le clic

Fais le clic (Do the click)

The focus of the "Fais le clic" project is to teach children to be smart about their energy consumption.

The mascots are present in 60 schools.

www.faisleclib.be



In 2013 Electrabel and Cofely entered into a partnership with the Centre Hospitalier Universitaire (CHU) Tivoli in La Louvière, to shape the CHU green mobility project. CarPlug charging stations - the safe, fast and intelligent charging solution developed by Electrabel - were installed at the hospital site, and several diesel vehicles were replaced with electric ones.

Partnering with Cofely, Ores and ARGB¹, Electrabel also boosted the RTBF Mobilissimo 2 natural gas mobility project, where employees of the broadcasting company test compressed natural gas based cars.

22%
less CO₂-emissions
in the daily
support activities



- www.electrabel.be/fr/particulier/energy-manager
- www.ledialogue.be
- www.electrabel-wind.be

DIALOGUE AND TRANSPARENCY

The channels created by Electrabel for entering into a dialogue concerning sustainability and energy savings with its stakeholders, enjoyed a great deal of interest in 2013. The Energy Manager web portal pages totalled 800,000 visitors. The Watt Watchers facebook-platform counted up to 26,000 fans, and is now one of the largest service pages in Belgium. The LeDialogue platform processed almost 1,300 questions, and the wind blog was visited 11,000 times.

Together with Averbode, Digitopia and Nickelodeon, Electrabel continued its education project "Fais le clic" ("Do the click"), launched in 2011. This project is meant to teach young children about energy efficiency in a playful manner. A new website, a competition and school visits by mascots Cliquette and Ben

¹ Association Royale des Gaziers de Belgique



are the backbone. In October 2013, a new round started at 60 schools, where from now on also renewable energy and electricity production are addressed.

SET THE EXAMPLE

Electrabel successfully manages to implement the client recommendations concerning decreasing CO₂-emissions within its own organisation. Daily CO₂-emissions resulting from buildings, purchases, mobility, administrative waste and logistics decreased by 22.1% between 2010 and 2013, which is the equivalent of 10,200 tons. In 2013, almost 3,000 tons were saved, especially within the domains of energy use and purchases. The objective for the period of 2010-2015 is a 25% reduction.



Watt Watchers

With more than 26,000 fans, The Electrabel facebook platform Watt Watchers has become the community of people wanting to optimize their energy consumption and share energy tips.



More info on:
www.facebook.com/WattWatchers



INNOVATE FOR A SUSTAINABLE FUTURE

Research, innovation and the cooperation with the Belgian academic world – in 2010 Electrabel entered into a multi-annual framework agreement with the 8 main Belgian universities –, the competence centre Laborelec and the other research centres of GDF SUEZ remained spearheads of the company in 2013.

EUR 3 million was invested in future oriented research projects. Themes include both supply and demand: the potential of geothermal energy in Belgium for the production of electricity, maintenance of offshore wind farms, smart management of future low-voltage grids, improvement of energy performance of residential building blocks...

The third call for projects which Electrabel has launched among its academic partners lead to the selection of about 10 new research projects in 2013.

The cooperation with universities also stimulated the adoption of interns in the organisation, supporting dissertations, as well as the participation of staff in courses, presentations and case studies.

COMMIT TO A BETTER SOCIETY

Electrabel takes its social responsibility to its heart, towards its employees and the communities in which it operates, with special attention to the underprivileged.



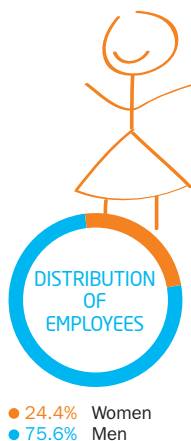
WORK IN A HEALTHY AND SAFE ENVIRONMENT

Safety, health and well-being at work are fundamental values of Electrabel.

In 2013, the safety indicators for the frequency and severity of occupational accidents met the objectives. The frequency rate increased slightly by 0.17 compared to 2012. The severity rate and the number of occupational accidents with absence from work remained constant. Safety awareness among employees was increased even further by means of an extensive safety campaign with "*Target Zero accidents*" as the core message.

SAFETY INDICATORS 2013

	Results	Objective
Frequency rate	2.40	2.50
Severity rate	0.07	0.08



In 2014, Electrabel will carry on its safety efforts to improve the results compared to 2013. Especially safety during home-to-work travel will be addressed.

EQUAL OPPORTUNITIES FOR WOMEN

Equal chances for women is a central theme within GDF SUEZ. The Group formulated specific objectives to this end.

By the end of 2013, 24.4% of Electrabel employees were women, and 22.4% of all management positions were filled by women (GDF SUEZ 2015 objective: 25%).

Of all new employees hired by Electrabel in 2013, 14.4% were women (GDF SUEZ 2015 objective: 30%).



CRISTINE, COLLABORATOR ENVIRONMENT CONVENTIONAL GENERATION

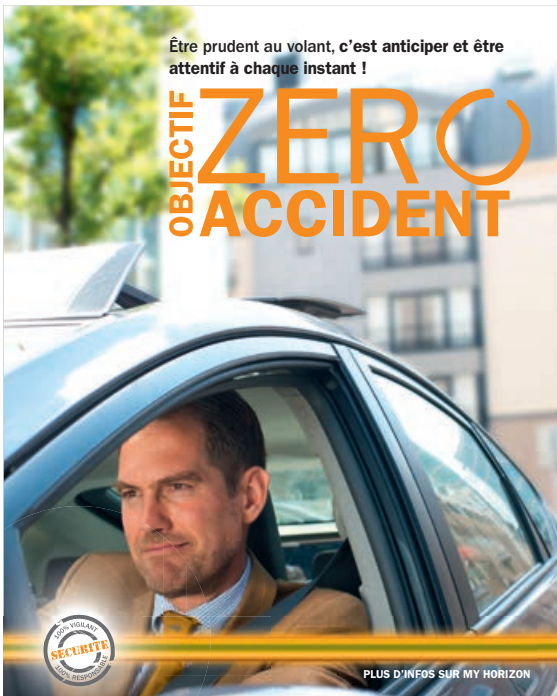
"As a woman I really don't have to be concerned about finding my spot in a group where equal opportunities is a strong commitment."

ACCESS TO WORK FOR EVERYONE

Electrabel supports those who have trouble integrating in the labour circuit. In 2013, it recruited about 10 new candidates from vulnerable sections of the population, in the context of its Focus Groups project. These candidates followed different trainings within the company during the course of a year, and thereby increased their chances of employment. Electrabel did this in close cooperation with the VDAB, Forem and Bruxelles Formation.

Être prudent au volant, c'est anticiper et être attentif à chaque instant !

OBJECTIF **ZERO**
ACCIDENT



PLUS D'INFOS SUR MY HORIZON

Safety campaign

Security is not only a priority at work, but also during the traffic between home and work. It is the reason why Electrabel raises its employees' awareness of safety with a specific internal campaign.

PARTNER WITH STRONG SOCIAL COMMITMENT

In 2013 Electrabel demonstrated its social commitment in many ways.

4 social action domains

Electrabel once again reserved EUR 1 million for associations and organisations active in the four social action domains of its sponsorship policy: solidarity, upgrading of cultural heritage, protection of the environment, and facilitating integration of young people in trouble through sports.

Electrabel also entered into new 3-year sponsorship agreements with SOS Children's Villages for the sustainable renovation of the SOS Children's Village Chantevent, and with the Municipal Museum of Contemporary Art (S.M.A.K.) to make contemporary art more accessible to disadvantaged young people.

Electrabel continued its partnership with organisations stimulating integration through sports: "Belgian Homeless Cup" – this socio-sportive project, which Electrabel has been supporting for three years was awarded the Prince Philippe Fund Prize in 2013 – and "Electrabel Street Heroes".



EUR 1 million
to strengthen solidarity and integration via sport, upgrade cultural heritage, and protect the environment



SOS Children's Villages

Electrabel contributed to the renovation of SOS Children's Village Chantevent, where 40 children with family problems are cared for.

The non-profit organisation Virelles Nature put into service a 10 kW micro-turbine at the site of the observational centre Aquascope Virelles, which was installed with Electrabel's support. This will provide 75% of the site's annual power consumption. Together with the photovoltaic roof and the green energy provided by Electrabel, this turbine ensures the centre is CO₂-neutral.

Power2Act

For the third time Electrabel organised its "Power2Act" programme which supports socio-cultural projects that meet its sponsorship policy and in which employees are actively involved as volunteers. Out of 44 proposals, 18 projects



The project to be invested in will be announced in 2014. The Belgian platform against energy poverty, bringing together the main players from various backgrounds, will also start in 2014.

POWER2ACT

Power2Act has supported 18 projects in 2013 such as the farm “De Engelenhoeve”, where children with a mental or mobile disability can discover a sensorial path, the “Rock 21” festival held on the world day of the Down syndrome, and the “Extra Muros” initiative, stimulating young people to show their solidarity and use their force for positive causes.

Street Heroes

In 2013, Electrabel Street Heroes was once again the largest street football competition in Belgium that was held in different cities in the country.

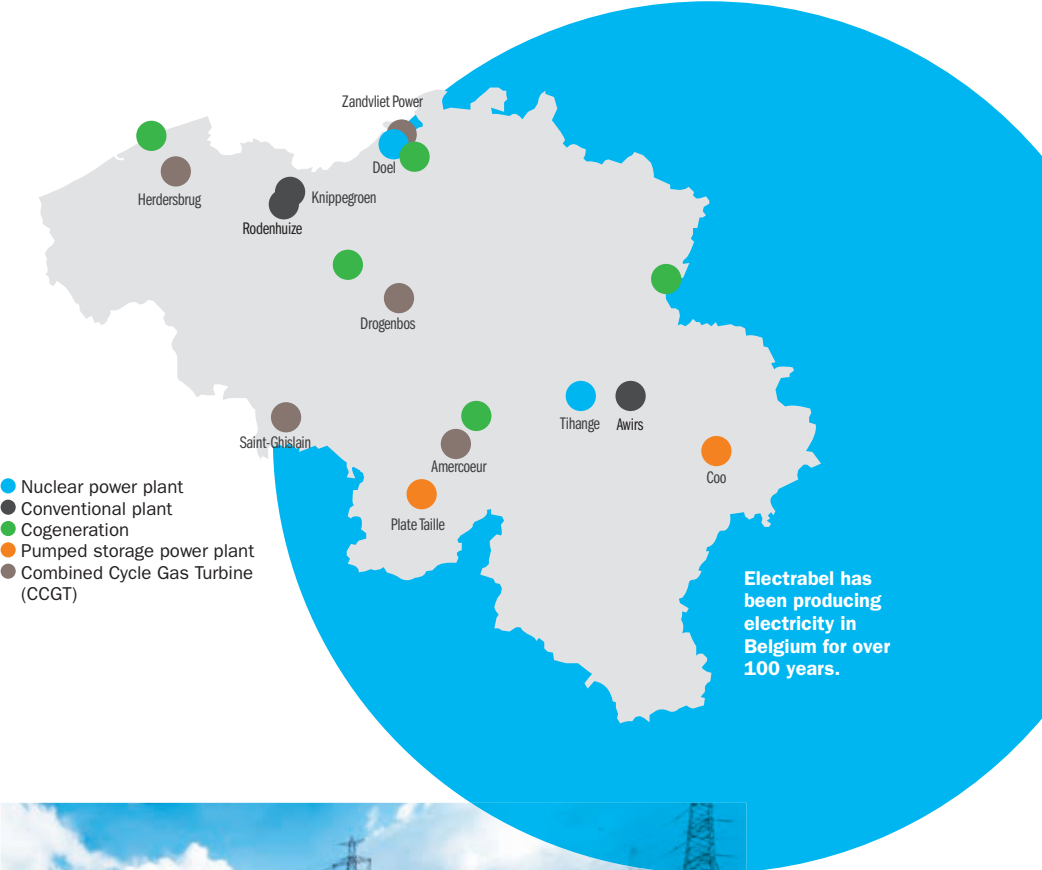
were selected. Together, they received EUR 180,000 in financial support.

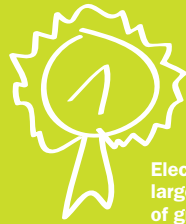
Action plan against energy poverty

The energy poverty action plan that was launched by Electrabel in 2012, was elaborated in 2013. Electrabel established 8 “multi-service” information points at community centres in Brussels, initiated tailored communication actions for vulnerable clients, and strengthened its cooperation with the CPAS. In the Brussels-Capital Region, the foundation Roi Baudouin was used to launch a call for projects of social contractors active in the renovation or construction of energy efficient homes for people in precarious situations.

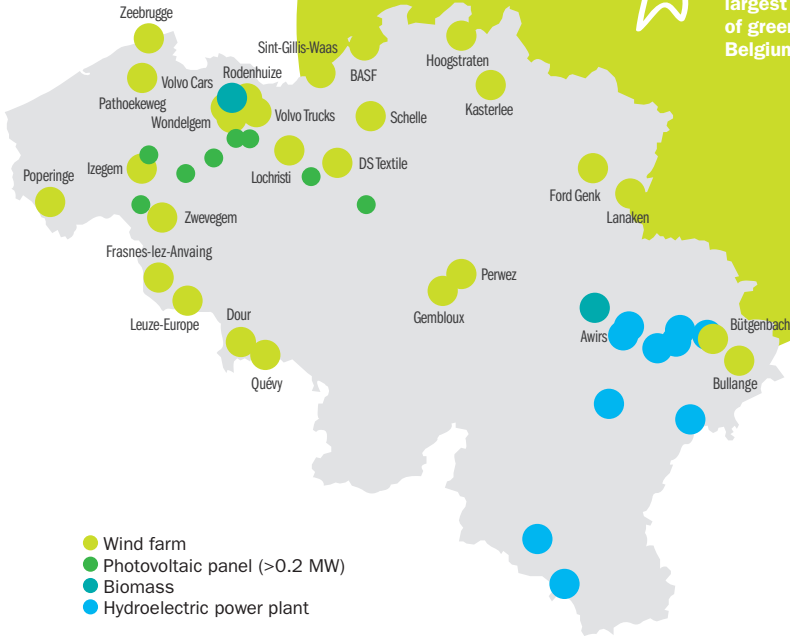


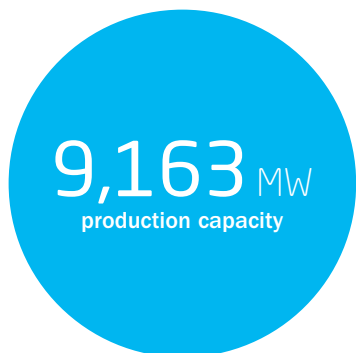
DIVERSIFY GENERATING FACILITIES





Electrabel is the largest producer of green energy in Belgium.





+ 200 MW

termination of nuclear
drawing rights

- Blue Sky (200 MW)

+ 38.6 MW

put into service

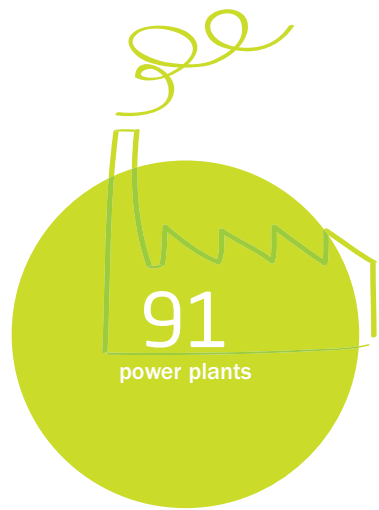
- Frasnes-lez-Anvaing (4.1 MW), Sint-Gillis-Waas (6.15 MW), Lochristi-Zele (6.15 MW), Poperinge (8.2 MW) wind farms
- CCGT plant Amercoeur: capacity increase (+14 MW)

- 960 MW
decommissioned

- Conventional plant Ruien groups 5 (290 MW), 6 (275 MW) and 7 (43 MW)
- Conventional plant Les Awirs 5 (294 MW)
- Cogeneration BP Chembel (43 MW)
- Cogeneration VPK Oudegem (14.5 MW)

Plant	Main fuel	Net generating capacity in MW
Combined Cycle Gas Turbine (CCGT)		1,938.8
Amercoeur	ng	451
Drogenbos	ng	460
Herdersbrug	ng	480.3
Saint-Ghislain	ng	350
Zandvliet Power ¹	ng	197.5
Cogeneration²		593.1
Evonik Degussa Antwerp ³	ng	42.5
Fluxys Zeebruges	ng	40
Ineos Phenol Antwerp	ng	23.8
Lanxess Bayer Antwerp	ng	44.9
Lanxess Rubber Antwerp	ng	58
Monsanto Antwerp	ng	44.9
Sappi Lanaken	ng	43
Solvay Jemeppe	ng	94
Syral Aalst	ng	48
Total Antwerp	ng	154
Conventional plant		625
Awirs 4	bm	95 (80 MW biomass)
Knippegroen Sidmar	bfg	315
Rodenhuize	bm	215 (180 MW biomass)
Gas turbine		78
Drogenbos	ng	78

Plant	Main fuel	Net generating capacity in MW
Turbojet		210
Aalter	ke	18
Beerse	ke	32
Buda	ke	18
Cierreux	ke	17
Deux-Acren	ke	18
Elsene	ke	18
Noordschote	ke	18
Turon	ke	17
Zedelgem	ke	18
Zeebrugge	ke	18
Zelzate	ke	18
Nuclear plant		4,134
Doel 1		433
Doel 2		433
Doel 3 ⁴		903.5
Doel 4 ⁴		933.1
Tihange 1 ⁵		481
Tihange 2 ⁴		905.3
Tihange 3 ⁴		939.2
Drawing rights E.ON		-794
Exchange EDF Chooz		-100
Energy recovery		75.5
Brussel Energie		45
Indaver Beveren		20
Isvag Wilrijk		10.5
Pumped storage		1,307
Coo I		474
Coo II		690
Plate Taille ⁶		143



Plant	Main fuel	Net generating capacity in MW
Hydroelectric power plant		21.8
Bardonwez		0.035
Bévercé		9.2
Bütgenbach		1.8
Cierreux		0.1
Coo-diversion		0.4
Heid-de-Goreux		8.1
La Vierre		1.9
Lorcé		0.1
Orval		0.05
Stavelot		0.12
Wind farm		174.6
BASF		12
Bekaert Zwevegem		6.15
Büllingen		12
Bütgenbach		8
Celanese Lanaken		8
DS Textile Dendermonde		4.6
Dour		10
Ford Genk		4
Frasnes-lez-Anvaing		4.1
Gembloux Sombreffe ⁷		9
Hoogstraten		12
Izegem		4
Kasterlee		0.66
Leuze-Europe		14.35
Lochristi-Zele		6.15
Pathoekeweg		3
Perwez ⁷		7.5
Poperinge		8.2
Quévy		6
Rodenhuize		4
Schelle		4.5
Sint-Gillis-Waas		6.15

Plant	Main fuel	Net generating capacity in MW
Volvo Cars Gent		6.15
Volvo Trucks Gent		6
Wondelgem		4
Zeebrugge		4.1
Photovoltaic		4.6
Beaulieu Kruishoutem		1.08
bpost Wondelgem		0.50
Delhaize Zellik		0.44
Delta Light Wevelgem		0.42
Honda Aalst		0.89
KU Leuven		0.07
Sanac Wervik		0.1
Sioen Ardoorie		0.22
Van de Velde Wichelen)		0.09
Volvo Trucks Gent		0.52
Westerlo Kamp C		0.02
Zonnehoeve Eke-Nazareth		0.24
TOTAL		9,163

¹ 50% BASF – functions as cogeneration unit

² Industrial partnership

³ 50% E.ON

⁴ 10.19% EDF

⁵ 50% EDF

⁶ Agreement with the MET

⁷ Joint venture with Air Energy

Fuel: **ng**: natural gas; **bm**: biomass;
bfg: blast furnace gas; **ke**: kerosene

VALUES

Drive
Commitment
Daring
Cohesion

The creation of this publication was coordinated by the Communications department (contact: robert.imler@electrabel.com).

Concept: www.chriscom.be

Photos: Olivier Anbergen, Raf Beckers, Jean-Michel Byl, Joris Casaer, Rudy de Barse, François De Ribaucourt, Thierry du Bois I Love Light, Energiek/sQills, De Engelenhoeve, Extra Muros, Roger Job, Natagora, Alain Pierot, David Plas, Asbl Rock 21, Bart Van Leuven

Printing: Antilope, Lier (Belgium)

Responsible publisher: Electrabel, Florence Coppenolle, Bld. Simón Bolívar 34, 1000 Brussels, Belgium

May 2014

D/2014/7.208/5



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The paper supplier has obtained ISO 14001 (environment) and OHSAS 18001 (safety and health) certificates.

The presses use vegetable ink. Waste paper and cardboard in addition to used offset plates are recovered and recycled.