

Eandis cvba

Investor Presentation

June 2014



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Investor Presentation

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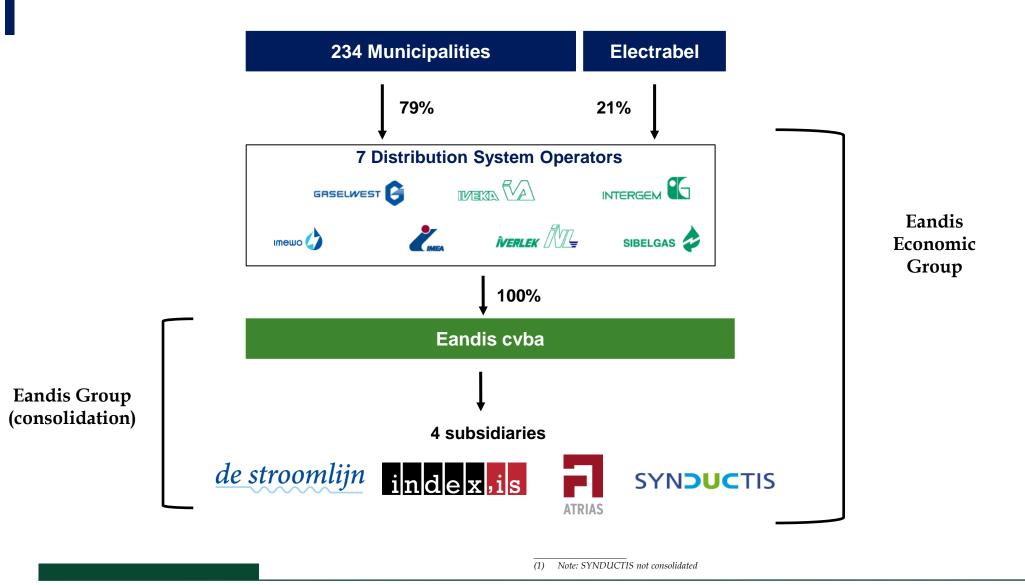
Annexes



1. Executive Summary & Recent Developments



Executive Summary: Eandis Economic Group's Corporate Structure





Executive Summary

- Eandis is a **Belgian distribution grid operator** established in March 2006
- Eandis is owned by the 7 Flemish Mixed Distribution System Operators ("DSOs"), being intermunicipalities, and is entrusted with a number of quasi-government public service tasks
- Eandis is the operating arm of the 100% regulated electricity and gas distribution networks owned by the 7 DSOs, authorised in that role by decision of the Flemish regulator VREG (29 October 2009)
- Eandis serves around **2,6 million access points** for electricity and **1,6 million access points for gas**. Its operating revenue and pre-tax profit (*Eandis Economic Group IFRS*) were respectively **2,96 billion** € and **323,0 mio** € for 2013. Its distribution services cover **234 municipalities (**approx. 78 % of all Flemish municipalities)
- The company is of **strategic importance to the Flemish Region** (Aa2 stable / AA-A1+ / AA stable) and its general policy aim of realising Europe's 20-20-20 objectives
- Electrabel's (GDF Suez Group) capital share in each of the 7 DSOs amounts to ± 21%, and due to Flemish legislation it will have to be further decreased to 0% by the end of 2018 at the latest ⁽²⁾
- Moody's identifies Eandis as a government-related issuer given the 79% ownership by Flemish municipalities/provinces in the DSOs ⁽¹⁾ (Flemish decree stipulates 100% public ownership by 2018) and the high probability of systemic support to the DSOs from the Flemish Region. Eandis's current rating with Moody's is A1 (stable outlook).

- (1) 79%/21% proportion is on the basis of A-shares and E-shares.
- (2) With the exception of Gaselwest and Sibelgas



Executive Summary

Strategic Importance to the Flemish Region	 DSOs cover about 78 % of the municipalities of the Flemish region Electricity and natural gas are the two most important energy sources in Flanders/Belgium Ownership of DSOs by the municipalities is increasing (up to 100% in 2018 at the latest)
Very Favourable Regulatory Environment (Cost-Plus)	 DSOs have a legally based regional monopoly for electricity and gas distribution to residential customers and SMEs Multi-annual tariff mechanism with a 4 year regulatory period is based on the cost recovery of all reasonable costs (incl. financing costs) and contains a fair profit margin as remuneration on invested capital 2012 regulatory tariffs were prolonged for 2 years (2013/2014) by decision of the CREG
Efficient Operating Scheme	 The association of 7 DSOs under the structure of Eandis allows for an efficient operating scheme Pooling of operational, financial and management activities; all staff at Eandis 100% operational efficiency as per operational benchmarking "Data Envelopment Analysis", with no costs rejected since existence
Strong Cash Flow Visibility	 Predictable revenue streams as the DSOs' services are priced on a cost-plus basis, determined in a legal framework Tariffs are fixed for long periods (up to 4 years)
Legal Monopoly and Low Risk Electricity & Gas Distribution	 Low business risk - DSOs are not involved in the competitive generation, trading or sales activities Mixed DSOs, being Eandis's sole shareholders, own 78% of the distribution network in Flanders Legally, competitors may not participate in distribution activities in the designated operating areas
Conservative Capital Structure	 Low leverage with equity at 44% of RAB (IFRS Economic Group), moving in the direction of the regulator's norm for leverage The regulator guideline recommends regulatory asset base (RAB) to be funded by 1/3 equity and 2/3 debt Regulator provides for a fair profit margin based on this leverage ratio
Very Favourable Economic Dynamics	 The Flemish region is Belgium's most populated region (6.3 million in 2011 ⁽¹⁾ – 57.6% of national population) "Accounting for 57% of national GDP, the Flemish Community is Belgium's economic engine" - "The national operating environment [] is typical of advanced industrial economies – characterised by high GDP per capita, low GDP volatility and high ranking on the World Bank's Government Effectiveness Index – and suggests a minimal level of systemic risk." - "The institutional framework for Belgian subsovereigns is well established and is protected from sudden changes []" (Moody's Credit Research on the Community of Flanders, 20 December 2011) – "We believe that the Belgian Community of Flanders has very positive financial management and very positive liquidity." (S&P Research Update 20 September 2013) "Flanders ranks high on the socio-economic indicators of the 131 EU-regions. It is thus a prosperous region. A nominal GDP per capita of € 33,973 in 2012, high labour productivity and a relatively high disposable income." (Flanders Outlook 2013, Research Centre of the Government of Flanders, March 2013)



Eandis vs other Belgian distribution grid operators

Eandis versus Infrax, Sibelga and ORES

Eandis is the **only rated distribution grid player in Belgium** (Moody's: A1 stable); Infrax (Flemish region), Sibelga (Brussels region) and ORES (Walloon region) are non-rated.

Eandis, Sibelga and ORES exclusively operate electricity and gas networks (**regulated activities**); Infrax is also active in cable television and sewage system operations.

Eandis is by far the largest E + G operator in Belgium, enabling the company to **maximise benefits of scale** [*Eandis figures as per 31 December 2013, others as per 31 December 2012*⁽¹⁾]:

	Eandis	Infrax	Sibelga	ORES
municipalities served	234	96	19	198
operating area	Flanders	Flanders	Brussels	Wallonia
employees	4.268	1.632	1.040	2.306
connections E	2.592.442	729.776	689.364	1.428.596
connections G	1.672.268	316.574	499.671	513.499
Regulated Asset Base 2011 E+G (incl. Net Working Capital) – in m€	8.022,9	2.930,6	1.125,2	3.387,3



2013 Highlights (1)

- 9 January: Walter Van den Bossche appointed CEO and chairman of the Management Committee
- 6 March: Eandis Board of Directors approves company's vision on the future developments and restructuring of the energy distribution sector in the Flemish Region.
- March: after the municipal elections (October 2012) statutory renewal of the governing bodies for both Eandis and the DSOs for a 6-year term. This is also the start of a streamlined corporate structure for the Eandis Economic Group.
- 27 March: Piet Buyse, mayor of the city of Dendermonde and chairman of DSO Intergem, elected as new Chairman of the Board of Directors of Eandis
- 1 April: renewed Eandis Management Committee (8 members) starts
- 23 April: water company **IWVB joins SYNDUCTIS**
- 5 June: Eandis receives the Business Mobility Award for its active and multi-faceted policy on sustainable mobility
- 17 June: SYNDUCTIS replaces AWW as shareholder in **De Stroomlijn**
- June: launch of **FIT**, a company-wide action plan to raise productivity and cost awareness



2013 Highlights (2)

- 9 October: 3rd successful EMTN benchmark issue (500 m€ 2,875% coupon 10 year maturity) was received with continued interest from European institutional investors
- November: roll-out of smart metering pilot project completed: 34.554 smart meters installed, which corresponds to 1% of total amount of meters in Eandis's operating area
- November: **De Stroomlijn** now operates in a fully autonomous IT and telecom environment
- 20 December: federal parliament approves 6th state reform for Belgium distribution grid tarification will thus become a regional competence as from 1 July 2014
- 31 December: Eandis headcount stands at 4,268, *i.e.* minus 72 (-1,7%) y-o-y
- 2013 investments below level of previous years: total of 629,3 m€ (-6,2 per cent), of which 414,5 m€ for E (-7,4 per cent) and 214,8 m€ for G (-3,7 per cent)
- Excellent safety results for 2013: frequency, gravity and number of labour days lost all below the 2012 level
- Grid reliability at historically high levels: less than 20 minutes of outage on average in 2013



2014 YTD Highlights

- preliminary consultation with VREG about future **Flemish distribution grid tarification** system
- 13 March: Moody's changes Eandis's long term A1 rating outlook to stable from negative
 - "This action follows the affirmation of the Aa2 long-term rating on the Community of Flanders on 12 March 2014, and the stabilisation of the outlook on this rating"
 - "The stable outlook for Eandis reflects Moody's expectations that the company will continue delivering on its current, stable, trajectory of operational and investing cash flows and that the ownership structure will remain materially unchanged in the coming years."
 - <u>"Eandis's rating is one of the most highly positioned amongst the peer European networks [...]"</u>

From: Moody's Rating Action on Eandis (13 March 2014)

- Eandis/Infrax reach agreement on aspects of the future energy distribution sector in Flanders: tarification matters (unified tariffs E & G, safeguarding of the fair remuneration, possible mergers of DSOs, no merger of operating companies, duration of DSOs, possible exchanges of municipalities, ... endorsement by the Flemish government for some matters, however, amendments to legal/regulatory framework required
- 7 May: 4th EMTN benchmark bond issue: 550 m EUR, 2,875% coupon, maturity 15 years (1st benchmark > 10 y); well received by the markets with total orderbook of >1,6 bn EUR
- 1 July: transfer of distribution grid tariff competence to the Regions will be officially effective as from this date Flemish legislative framework still to be elaborated



Corporate Structure for the Eandis Economic Group

Transparent and flexible corporate structure

- flexible decision-making structure still allows for maintaining close links with 234 municipalities
- structure reflects clear bottom-up division of powers within the Eandis Economic Group:

Eandis Board of Directors (16
members): Group's general policy,
financing, Eandis corporate mattersJ Boards of Directors (48 + 10
members*): DSO's corporate matters16 Regional Governing Committees (250
members): only local matters

*: 48 members elected on proposal by public authorities, 10 members elected on proposal by Electrabel



Corporate Strategy



<u>for regulated core activities</u>: operational excellence in delivering high quality services to our customers <u>for non-regulated activities</u>: make active use of opportunities which support our strategic focus and enhance our strengths



Executive Summary Moody's Corporate Rating for Eandis

A1 (stable outlook)

Credit strengths:

- transparent and supportive regulatory framework
- 3 notches of rating uplift reflecting potential support from the Flemish region (Aa2 stable) in a distress scenario
- transition to one regulatory body will reduce risk of inconsistencies
- adequate liquidity position

Credit challenges:

- regulatory framework is yet to establish a track record
- expected weakening financial profile, as a result of ongoing capital expenditure needs and tariff deficit

from: Moody's Credit Opinion (17 March 2014)

MOODY'S

Rating Action: Moody's changes outlook on Eandis's A1 rating to stable from negative; ratings affirmed

Global Credit Research - 13 Mar 2014

London, 13 March 2014 -- Moody's Investors Service has today changed the outlook on Eandis CVBA's A1 longterm issuer and senior unsecured ratings to stable from negative. At the same time, those ratings and the (P)A1 MTN programme rating were affirmed. This action follows the affirmation of the Aa2 long-term rating on the Community of Flanders on 12 March 2014, and the stabilisation of the outlook on that rating

RATINGS RATIONALE

"Eandis's stabilised outlook reflects the stabilisation of the outlook on the Community of Flanders' rating, the entity with utimate responsibility for the organisation of energy distribution in the region," says Nicholas Stevens, Moody's lead analyst for Eandis. "Eandis benefits from three notches of ratings uplift as a result of its association with the Community of Flanders, and our assessment of the company's credit quality is therefore highly connected to that of the Belgian sub-sovereign at this level," adds Mr. Stevens.

Eandis is fully owned by seven Flemish Distribution System Operators (DSOs). In assessing Eandis's financial profile, Moody's has applied its rating methodology for government-related issuers (GRIs), given the ownership of the seven DSOs by the Belgian municipalities and provinces. In accordance with this GRI methodology, Moody's assessment of the credit quality of the DSOs incorporates a three-notch rating uplift. The uplift results from (1) the credit quality of the Community of Flanders (Aa2 stable); (2) Moody's assessment that there is a high probability that the sub-sovereign would provide support to the DSOs if they were in financial distress; and (3) Moody's assessment of a very high level of default dependence (i.e., the degree of exposure to common drivers of credit quality) given the entirely domestic operations of the DSOs and their close association with their owners and the region.

WHAT COULD CHANGE THE RATING UP/DOWN

The stable outlook for Eandis reflects Moody's expectations that the company will continue delivering on its current, stable, trajectory of operational and investing cash flows and that the ownership structure will remain materially unchanged in the coming years.

Eandis's rating is one of the most highly positioned amongst the peer European networks and incorporates three-

rating history:

- 12 Oct 2011-13 Mar 2014 : A1 (negative)
- as from 13 Mar 2014: A1 (stable)

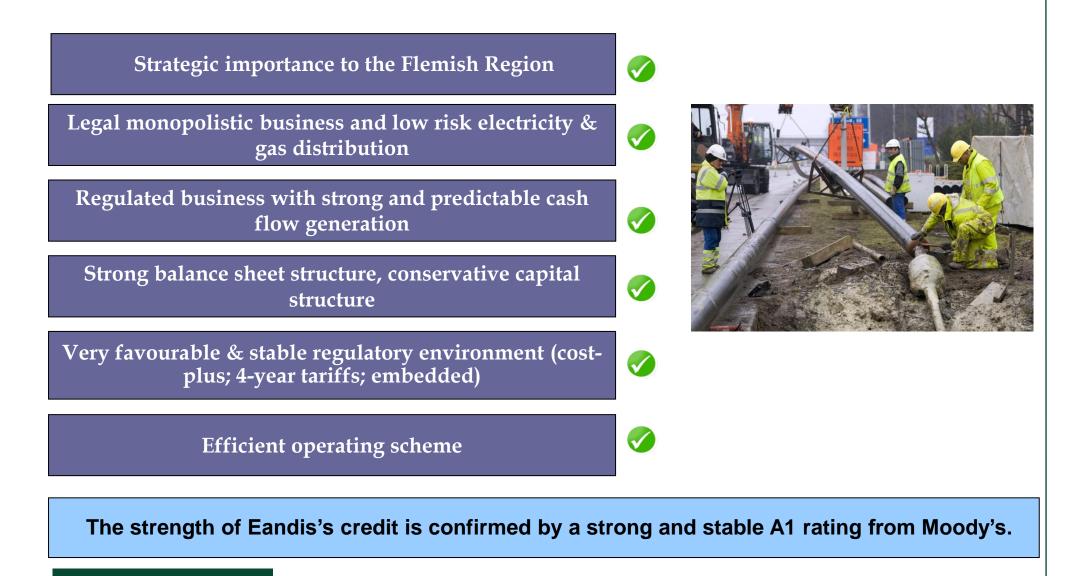


Corporate Social Responsibility

- Strategic focus on sustainability & corporate social responsibility with the overall aim to realize the Flemish climate objectives:
 - Eandis as **preferred partner of local authorities** in drive towards energy efficiency
 - our own **energy consumption** has decreased, in absolute and relative figures (minus >20%) since 2008
 - RUE-actions: systematically exceeding the imposed objectives, now focused on insulation projects and renewables (heat pump, solar water heater)
 - huge success for **Energy Services for Local Authorities** (>60% of municipalities with a concrete project)
 - **sustainable mobility**:
 - Eandis actively promotes electric mobility and the implementation of charging infrastructure is an active partner of Flemish EVA project (Electric Vehicles in Action)
 - CNG vehicles now in scope as well
 - May 2014: first CSR Report [GRI-4 core option] published: focus on company's strategy and results see corporate website
- Well-defined and documented Corporate Governance policy; Corporate Governance Charter & Ethical Charter
- Integral risk management and actively pursued risk-based internal auditing



Investment highlights Key considerations





2. Financial Overview (Economic Group)

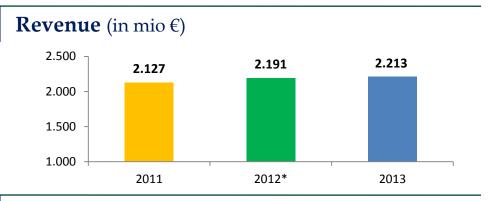
- Summary financials 2011-2013
- Capex programme 2013 (actuals)
- Short term financing
- Debt and maturity profile
- Investment programme 2014-2018
- Financing needs and funding 2014-2017
- Financial policies and strategy



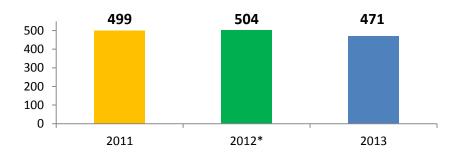
Financial Overview

Summary Financials FY 2011-2013 (actuals) for the Economic Group

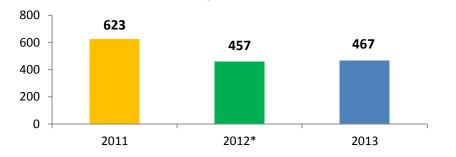
Financials (IFRS)	* 2012 restated concerning IAS 19 (revised)		
(in mio €)	2011	2012*	2013
Income statement			
Revenue	2.127	2.191	2.213
Total Operating Income	2.838	2.907	2.956
Total Operating Expenses	-2.339	-2.403	-2.484
Result from Operations	499	504	471
Net Financial Income/Expense	-204	-203	-143
Profit before Tax	295	301	328
Profit for the period	296	297	320
Other Comprehensive Income	-53	-108	113
Total Comprehensive Income	244	189	433
Balance Sheet			
Current Assets	949	1.201	1.314
Non-Current Assets	7.239	7.502	7.724
Total Assets	8.188	8.702	9.039
Total Equity (attributable to the parent)	2.815	2.778	2.978
Non-Current Liabilities	4.516	4.631	5.041
Current Liabilities	856	1.292	1.019
Total Liabilities	5.372	5.923	6.059
Total Equity & Liabilities	8.188	8.702	9.039
Cash Flow Statement			
Net CF from Operating Activities	623	457	467
Net CF from Investing Activities	-618	-616	-584
Net Cash Flow used in/from Financing Activities	-16	159	116
Net Increase/Decrease of Cash + Cash Equivalents	-11	1	-2
Cash + Cash Equivalents on 31 Dec	6	7	5



Result from Operations (in mio €)



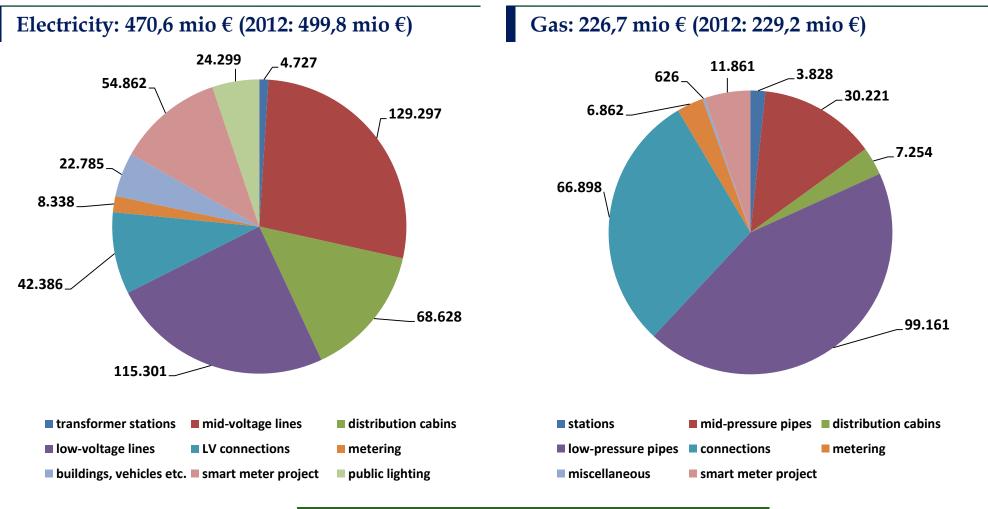
Net CF from Operating Activities (in mio €)





Financial Overview

Capex Programme 2013 (actuals – gross investments)



CAPEX/Total Net Fixed Assets: 9,2% (2012: 9,8%)



Short term financing capacity

Liquidity Facilities (as per 1 April 2014)

CP Programmes ("Thesauriebewijzen")

- Total size programmes: 522 m€
- Currently outstanding: 0 € (1 April 2014)

Cash & Cash Equivalents			

- Bank account: 0 € drawn (1 April 2014)
- Overnight straight loan facility: 200 m€
 - 13,62 m€ overnight loan drawn (1 April 2014)

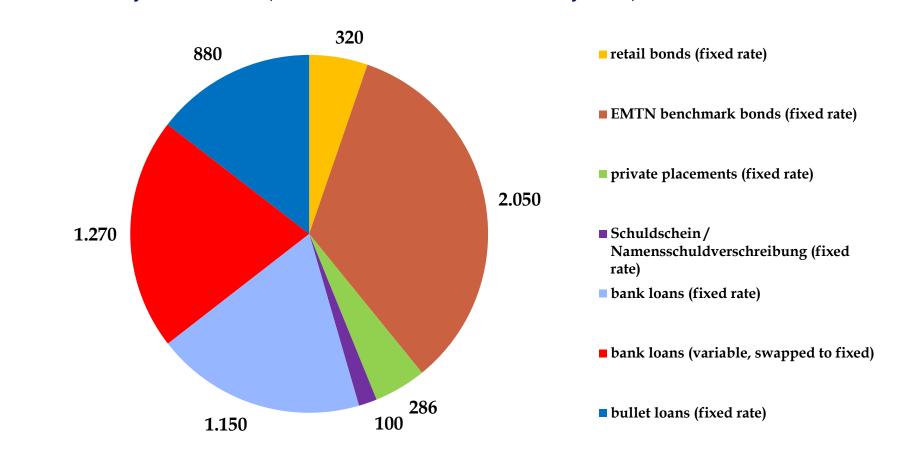
ST Revolving Credit Facilities

- Total size facilities: 250 m€
- Currently outstanding: 0 € (1 April 2014)



Debt Profile (Economic Group)

LT Debt Profile by Instrument (nominal amount in m€ - 15 May 2014)



→ average lifetime of outstanding debt (15 May 2014): 9 years and 1 month



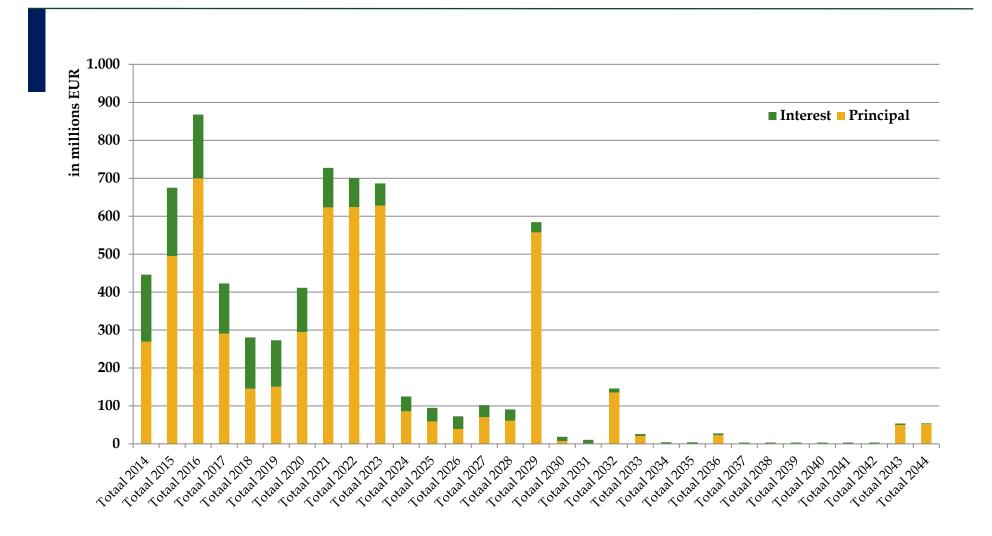
Financial Overview

Eandis's outstanding bonds (as per 15 May 2014): 2.755,5 m€

	Date	Amount (m€)	Туре	Maturity	Coupon
	Dutt	mount (me)	i y pe	Waturity	Coupon
	23.06.2010	150	Retail	23.06.2017 (7 y)	4,00%
	30.12.2010	170	Retail	30.12.2020 (10 y)	4,25%
	08.11.2011	500	EMTN benchmark	08.11.2021 (10 y)	4,50%
	10.07.2012	135,5	EMTN Private Placement	10.07.2032 (20 y)	3,95%
	21.09.2012	50	Schuldschein	21.09.2027 (15 y)	3,50%
	26.11.2012	500	EMTN benchmark	26.11.2022 (10 y)	2,75%
	28.03.2013	54,5	EMTN Private Placement	28.03.2028 (15 y)	3,50%
	28.03.2013	20,5	EMTN Private Placement	28.03.2033 (20 y)	3,75%
	24.06.2013	50	Namensschuldverschreibung	24.06.2043 (30 y)	3,50%
	09.10.2013	500	EMTN benchmark	09.10.2023 (10 y)	2,875%
	05.03.2014	52	Private Placement	05.03.2044 (30 y)	3,55%
	05.03.2014	23	Private Placement	05.03.2036 (22 y)	3,55%
_	07.05.2014	550	EMTN benchmark	07.05.2029 (15y)	2,875%

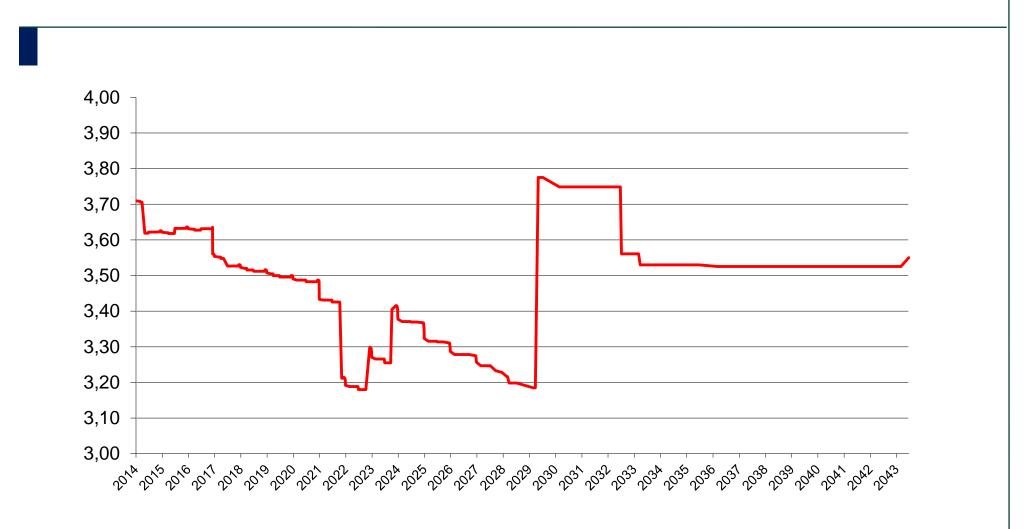


Maturity Profile (Economic Group) per 15 May 2014





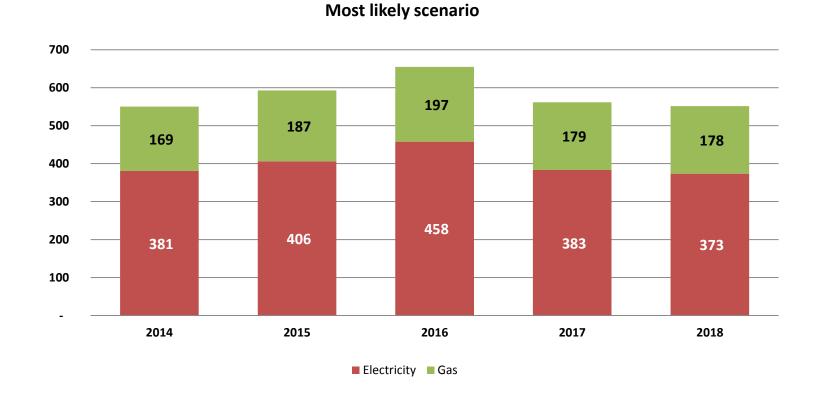
Debt Profile: Average Interest Rate on LT Debt (in %)





Financial overview

Investment programme 2014-2018 (net figures – m€)



Most probable investment programme includes impact of FIT on grid investments and a 100 per cent roll-out of smart metering by2030.



Financial overview Action Plan FIT: clear focus on company-wide productivity

- Action Plan FIT launched by Board of Directors and Management Committee in June 2013
- FIT aims at 3 components:
 - 1. Clear cut **efficiency and productivity objectives** (2013-2015) for grid investments, staff and other costs: grid investment budgets will be reduced to 'autofinancing + 10 per cent'
 - 2. Implementation of **cost efficiency measures** (after a bottom-up analysis within the framework of Operational Excellence)
 - 3. Implementation of a **change action plan** to reinforce overall **cost awareness**
- FIT's financial objectives:

m€	Actuals 2012	Budget 2013	Actuals 2013	Budget 2016 "Autofinancing + 10%"	% change vs 2012	% change vs 2013 (actuals)
grid investments	461,9	523,0	444,4	377,2	-18,3%	-15,1%
grid operations	335,2	294,6	304,9	274,6	-18,1%	-9,9%
support dpts – staff	154,0	167,0	161,2	156,2	1,4%	-3,1%
support dpts - other	330,8	348,6	354,4	348,6	5,4%	-1,6%
TOTAL	1.281,9	1.333,2	1.264,9	1.156,6	-9,8%	-8,6%

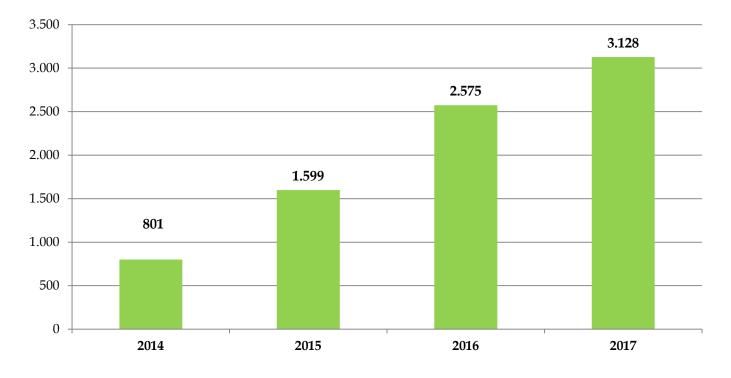


Financial overview Financing needs 2014-2017 (in mio €)

Starting point

- investment programme 2014-2017: yearly net financing needs in the order of 500-650 mio €
- Electrabel's compulsory exit from ex-IGAO (gas distribution in 29 municipalities) by end 2014
- repayments and intrest payments under currently outstanding loans and external financing

Estimated financing needs per 1 April (gross cumulative figures):





Financial overview Funding Programme 2014-2017 (in mio €)

Funding programme 2014-2015:

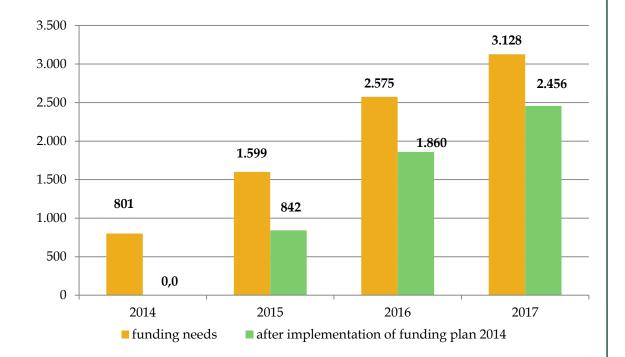
Depending on market conditions and opportunities / approved by Board of Directors (June 2013) through a mix of bank loans, EMTN bond and MTN private placement.

Funding programme 2014-2015:

Approval of Board of Directors Eandis of additional issue EMTN-tranches (1600 m€) or combined use of bank loans, private placements or other financing means than EMTN (up to 800 m€) with EMTN-tranches . For the exit of Electrabel, issue of 1 billion € extra EMTN-tranches is approved for financing these events.

Funding programme 2016-2017:

details to be decided later



Note: gross cumulative figures



Financial Overview Financial Policies and Strategy

Operational Basis	 Eandis operates on a cost price basis The DSOs operate on a cost plus basis in a highly or fully regulated framework Royal decree relative to tariff structure for connection to the electricity network of 11 July 2002 Royal decree relative to tariff structure for connection to the gas network of 29 February 2004 Tariff proposals (separately for Electricity and Gas) are introduced by the network operators to, and for approval by, the CREG Each DSO has its own cost structure, therefore 7 x 2 tariff proposals are introduced
DSOs' Capital Structure	 The federal regulator uses a defined regulated capital structure ⁽¹⁾ i.e. 33% equity 67% debt Currently approximately 44%/56%. This ratio will slowly evolve towards the regulator's 33%/67% as the RAB grows.
DSOs' Financial Policies	 Dividend payout ratio is fixed at 90% Financial transactions need prior approval by the Board of Directors Funds (bank loans, bonds) are borrowed by Eandis on behalf of each DSO (= pass through principle) Commercial Paper programme (522 mio €) in place Each DSO guarantees the debt up to a percentage equal to the percentage of its participation in the capital of Eandis All energy suppliers are required in order to receive network access to either (1) provide a letter of credit, (2) obtain a rating, or (3) provide a deposit equal to 3 months upfront network fees
Funding Currency	External funding in EUR only (no exchange rate risks)
Risk Management Policies	 Interest rate swaps are used for hedging purposes Each transaction must be formally approved



Regulatory Framework Financial Aspects

	ELECTRICITY	GAS
Allowed Return on Equity up to 33%	6,3065% post tax nominal (2012)	7,1465% post tax nominal (2012)
Regulated Asset Base	Eandis: €4,50bn excl. working capital (Dec 2012)	Eandis: €2,98bn excl. working capital (Dec 2012)
Incentive Regulation	system of bonus/malus & obligatory efficiency improvement (CPI-X)	system of bonus/malus & obligatory efficiency improvement (CPI-X)
Regulatory Leverage	67% debt vs 33% equity	67% debt vs 33% equity
Length of Regulatory Cycle	4 years - tariff freeze for 2013-2014 at 2012 level*	4 years – tariff freeze for 2013-2014 at 2012 level*

* CREG decision (April 2012) to allow for an orderly transfer of the tariff competency to the regional regulators.



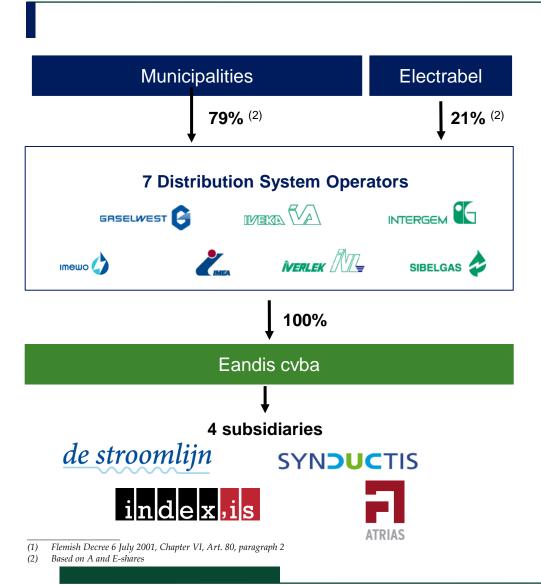
3. Company & Business Overview

- Ownership structure
- Intermunicipalities and DSOs
- Eandis's Network
- Corporate Social Responsibility



Company Overview

Ownership Structure



- Eandis is 100% owned by 7 Flemish mixed DSOs
- These DSOs are
 - ± 79% **municipalities** (publicly owned); and
 - ± 21% **Electrabel** (GDF Suez Group, privately owned)
- Strong public involvement within the context of energy distribution management
- In accordance to Flemish legislation, Electrabel will have to exit from all the DSOs, at the latest in 2018 (not Gaselwest & Sibelgas).
- The expiry date of the mandate for each DSO is:
 - IVEKA 31 December 2016 (°)
 - INTERGEM 14 September 2018 (°)
 - IVERLEK 9 November 2019
 - IMEA 9 November 2019 (°)
 - IMEWO 9 November 2019
 - GASELWEST 21 March 2023
 - SIBELGAS 25 April 2026
- At the end of the mandate expiry of each DSO, the municipalities can decide to extend the DSO mandate for another 18 years. If a municipality should decide not to take part in a prolongation, it is obliged to take over from the DSO/Eandis their relevant assets & liabilities (incl. financial debt), personnel, public service obligations etc.
- (°) For municipalities which belonged to the former gas DSO IGAO, 31 December 2014 is the expiry date (only for the gas activity).



Company Overview Intermunicipalities and DSOs

Intermunicipalities - Overview

- In Belgium, municipalities are in charge of the provision of several public services covering, among others, waste management, water management, environment, energy distribution.
- The municipalities may **organise** these tasks in two ways
 - Through a "municipal company" (also called "regie") in which each municipality organises the service with its own personnel and financial resources
 - Through an association of several municipalities, (also called "intermunicipality") in which several municipalities are associated to provide a common service
- Intermunicipalities can take two forms
 - "Pure" intermunicipal companies if only municipalities collaborate to provide the service
 - "Mixed" intermunicipal companies if the municipalities collaborate with one (or more) private company to provide the service
- Legal status of **companies of public law**
- In Flanders, intermunicipalities are governed by the Flemish Decree of July 6, 2001. All items not explicitly covered by this decree are covered by the corporate rules for a "cooperative company" ("cvba")
- End 2018: 94% of Eandis's DSOs for E and G will be publicly held

DSOs - Overview

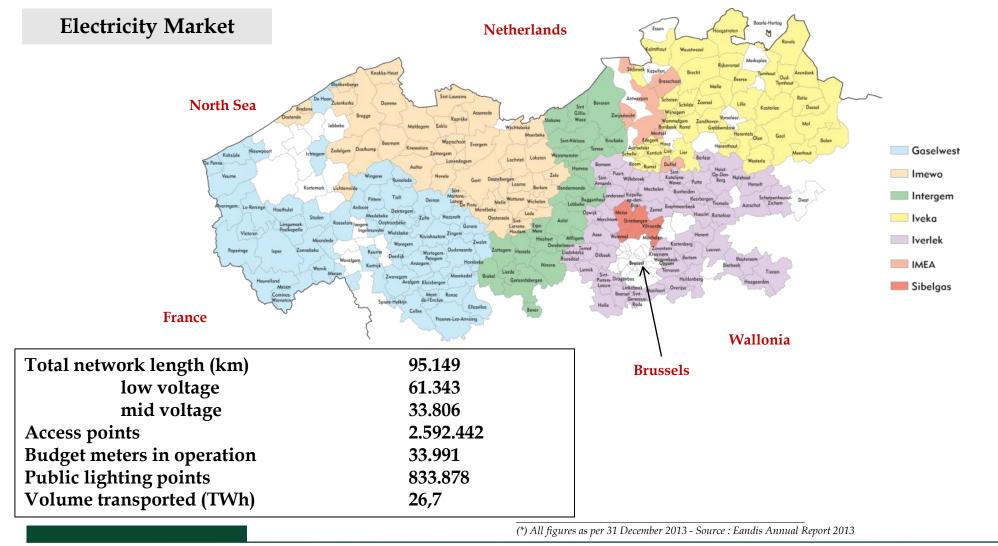
- Most of the municipalities have chosen to organise their mission of electricity and gas distribution system operator ("DSO") through intermunicipal associations (see table below).
- The actions of the intermunicipal DSOs being public law companies - do not have a commercial character, thus the Belgian Act of 8 August 1997 on bankruptcy does not apply
- In view of their mission entrusted by public shareholders, the intermunicipal DSOs perform a public service in an environment driven by principles of equality, continuity, regularity of service in relation to its suppliers and customers, rather than principles of pure economic profit
- Each intermunicipal DSO holds a legal monopolistic position for the area covered by its network
- Each intermunicipal DSO owns **its proper grid** infrastructure
- Each intermunicipal DSO is appointed by the regional regulator VREG for a renewable term of 12 years: ownership of network (or rights of use) is prerequisite for obtaining such a licence – renewal procedure for E in 2014, for G in 2015
- Distribution types of gas and electricity [*source: Belfius Bank*]

[balance sheet totals 2011]	Flanders	<u>Wallonia</u>	<u>Brussels</u>
Mixed Intermunicipal	76%	68%	100%
Pure Intermunicipal	24%	31%	0%
Municipalities ('regie')	0%	1%	0%



Business Overview Eandis' network

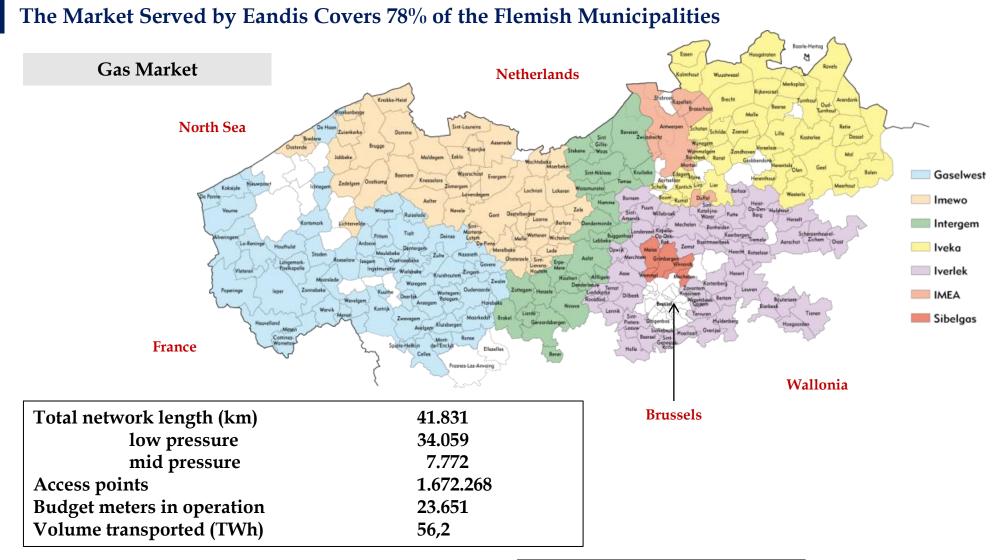
The Market Served by Eandis Covers 78% of the Flemish Municipalities





Business Overview Eandis' network

Eandis' network



(*) All figures as per 31 December 2013 - Source : Eandis Annual Report 2013



4. Belgian Energy Market & Regulatory Framework

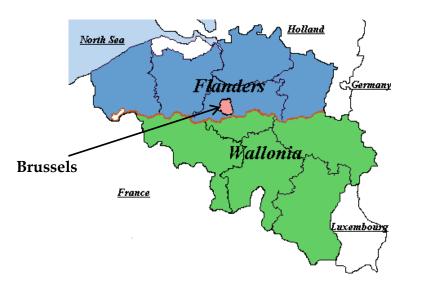
- Overview Belgian Federal State
- Regulatory framework: Purpose & Organisation
- Regulatory framework for Electricity and Gas Distribution
- Tariffs setting Key characteristics
- Tariffs and Fair Beneficiary Margin
- Tariffs and Treatment of Differences between costs and revenues



Regulatory Framework Overview Belgian Federal State

Belgium is a federal country comprising

- 3 Regions (Flanders, Wallonia, Brussels Capital) and
- 3 Communities (Dutch, French, German speaking)
- in Flanders, the responsibilities of region and community are combined as if a single entity



- The Federal government is responsible, amongst other things, for "matters, which, owing to their technical and economic indivisibility, require equal treatment at national level"
- Inversely, the **Regions** are responsible, amongst other things, for "matters which are technically and economically divisible and may be treated at regional level"



Purpose and Organisation of the Regulatory Framework

Purpose

- Organise the **liberalisation of the energy market** in order to
 - Increase production capacity via import and new production units
 - Improve competition on the generation side
 - Provide the framework for a neutral, technically well integrated and cost efficient network for gas and electricity transmission and distribution
 - Benchmark cost of energy
 - Reduce costs
 - Permanently monitor the market and if necessary adjust regulations to improve its organisation
 - Have a well functioning retail market
- Take action with a view to satisfy the Kyoto norm and the 20-20-20 objectives
 - Harmonise the energy policies with environmental policies
 - Promote efficient use of energy
 - Promote use of renewable energy and use of CHP (Combined Heat and Power) units

Areas of Competencies

- In order to organise the liberalisation of the energy market, one federal (<u>CREG</u>) and several regional regulators (Flanders: <u>VREG</u>) have been set up
- The federal regulator's areas of competence (CREG) are
 - Electricity generation (except from renewable sources and combined heat and power systems)
 - Electricity transmission on > 70 kV grids
 - Gas storage and gas transport
 - Tariff approval for transmission
 - Tarification for distribution (until end June 2014)
- The three regional regulators' areas of competence are
 - Local distribution of electricity (voltage ≤ 70kV)
 - Local distribution of natural gas
 - Energy production from renewable sources and combined heat and power systems
 - Rational use of energy (RUE)
 - (Social) public service obligations
 - Organization of supply market and supply licenses
 - Tarification for distribution (as from 2014)

Federal Parliament approved 6th state reform (Dec 2013) – formal transfer of distribution grid tarification competency to the regions (CREG → VREG) on 1 July 2014.



Regulatory Framework Distribution Grid Tarification – Transfer of competency

- Flemish authorities (parliament and energy regulator VREG) will have to establish a Flemish regulatory framework for distribution grid tarification consisting of
 - 1. tariff guidelines (*Flemish Parliament*)
 - 2. tariff methodology (*VREG*)
 - 3. tariff structure (VREG)
 - formal **date of transfer**: 1 July 2014
 - until Flemish tariff framework is in place, current (federal) tarification system remains valid, incl. tariff freeze for 2014
 - tariff freeze to be extended into 2015?



Regulatory Framework Tariff Setting – Key Characteristics of Current System

Tariffs must aim at

- Being non-discriminatory and transparent
- Being fixed relative to costs and enabling the network operator to cover its costs incurred in the framework of its regulated activities, incl. financial costs
- Including a fair beneficiary margin for the remuneration of the capital invested in the network with a view to ensure its optimal development
- Targeting the optimal use of the transport capacity of the networks
- Being clear: (i) relative to conditions and modalities of use of the networks, (ii) relative to ancillary services and (iii) relative to possible extra-charges associated to public service obligations
- Taking into consideration the reserved capacity to guarantee the service of distribution

Tariffs are fixed for a period of 4 years

- Gas : Gas Law of April 1965, art 15/5bis, §2
- Electricity : Electricity Law of April 1999, art 12 and 12quater
- Current situation: end of tariff period 2009-2012 2012 tariffs prolonged for 2013-2014



Regulatory Framework Tariffs and Fair Beneficiary Margin: Procedure

- <u>Step 1</u> Define the value of the invested capital or the "regulated asset base" (RAB): the economic reconstruction value of the regulated fixed assets, increased or decreased by the amount of net working capital as appropriate.
 - These assets are re-valued each year to take into account decommissioned assets and new investments, and their depreciation.
 - For each type of regulated asset, legislation provides the depreciation terms to be applied (percentage and period). Depreciation periods can go from 3 years for hardware up to 50 years for cables or pipes.
- <u>Step 2</u> Regulated financial structure is set at **33% equity /67% debt**
- <u>Step 3</u> Calculate remuneration as per **WACC** (Weighted Average Cost of Capital) formula:
 - 1. <u>Equity $\leq 33\%$ of RAB</u>: Remuneration = (Risk Free Rate + Equity Risk Premium* β) * IP
 - Risk Free Rate: yield of 10-yr Belgian Government bond OLO
 - Equity Risk Premium: 3,50% for both electricity and gas
 - β : 0,65 for electricity 0,85 for gas
 - IP: illiquidity premium for non-listed operator of 20%
 - 2. <u>Equity > 33% of RAB</u>: Remuneration = Risk Free Rate + 70 base points
 - 3. <u>Embedded costs</u>: = real financing cost of interest bearing debt

Important principle: distribution tariffs cover DSOs' entire costs, incl. financial costs



Tariffs and Treatment of Differences between costs and revenues ("bonus/malus")

- This is referred to in the RD of September 2, 2008, as the "bonus/malus" treatment, i.e. the treatment of the differences between budgets and reality of costs and revenues
- Differences relating to manageable costs will be to the benefit of the shareholder ("bonus") or are to be borne by it ("malus")
- Differences relating to non-manageable costs (e.g. depreciations, public service obligations, network losses) and to volumes of transported energy are considered as a global liability or receivable towards the customers
- Bonus 2009: 6,9 mio € for electricity / 6,7 mio € for gas / approved by the CREG
- Bonus 2010: 18,4 mio € for electricity / 9,8 mio € for gas / not yet approved by the CREG
- Bonus 2011: 29,3 mio € for electricity / 11,7 mio € for gas / not yet approved by the CREG
- Bonus 2012: 28,7 mio € for electricity / 13,4 mio € for gas / not yet approved by the CREG
- Bonuses 2010-2012 will probably not be approved by the CREG due to upcoming regionalisation of distribution grid tariff competency



Annexes

Company Overview Organizational Structure: Management Committee



Walter VAN DEN BOSSCHE, CEO

Chairman Management Committee



Guy COSYNS Director Customer Operations



Frank DEMEYER Director HR & Organisational Management



Luc DESOMER Director Public Affairs & Communications



Wim DEN ROOVER Director Network Operations



Jean Pierre HOLLEVOET Director Network Management



David TERMONT Director Finance, Administration & ICT



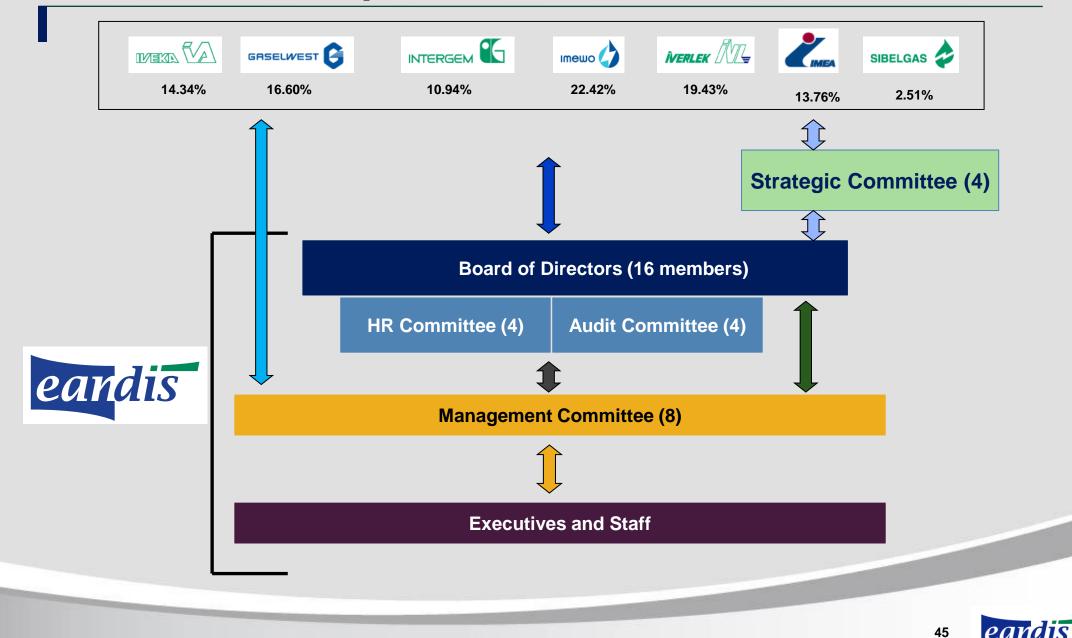
Donald VANBEVEREN Director Regulation & Strategy



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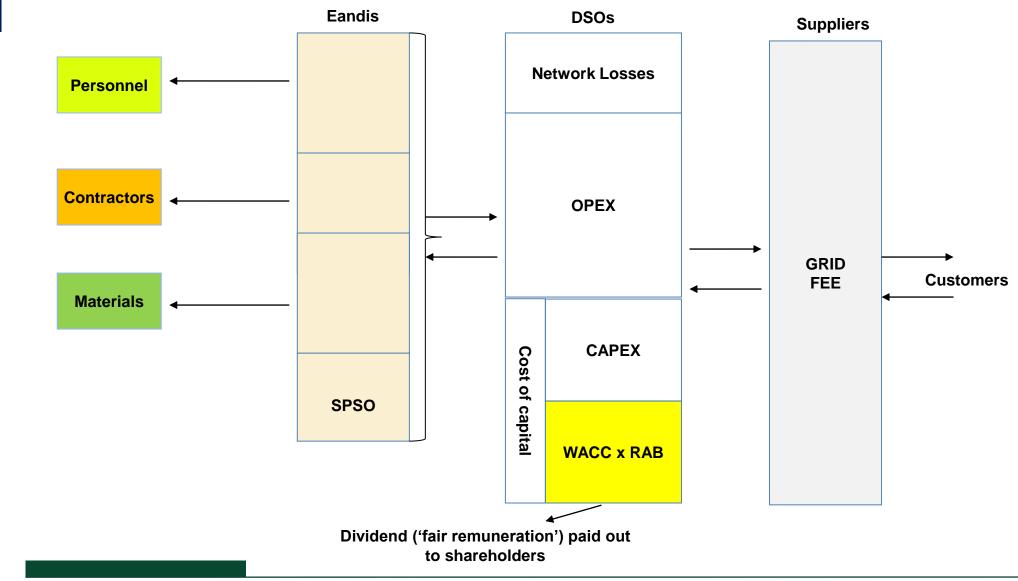
Company Overview

Corporate Structure: Eandis and 7 DSOs



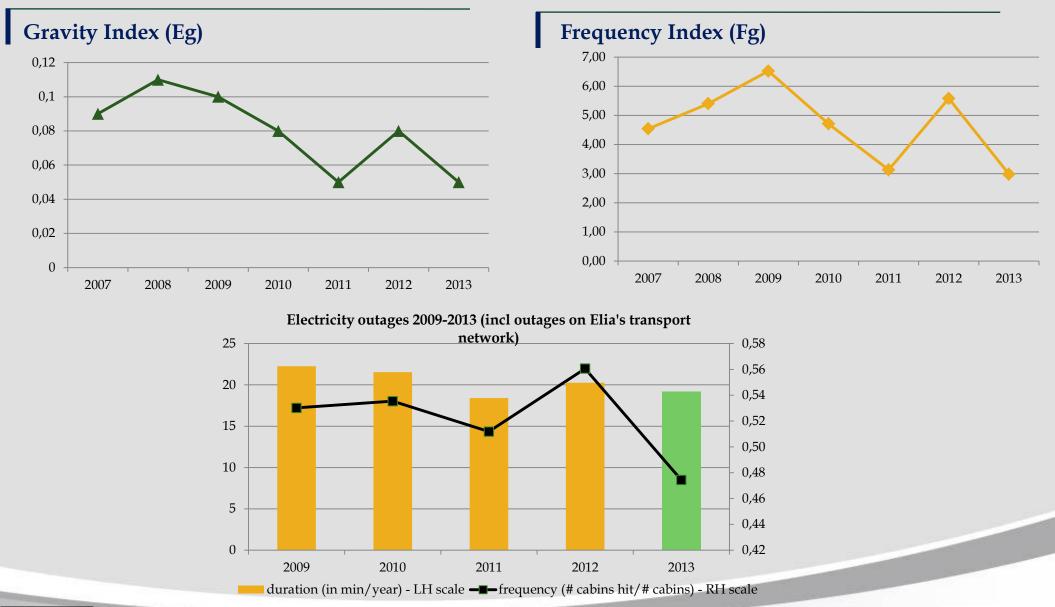


Cash Cycle



Eandis: safety & reliability

Industrial accidents (2007-2013) / electricity outages (2009-2013)



Source: Eandis figures

Eg= # days lost due to industrial accidents x 1000/# hours worked / Fg= # industrial accidents resulting in days lost x 1000/# hours worked





- Activity: call centre for distribution network related issues
- Shareholders: Eandis (64,03%), the water company TMVW (32,98%) and SYNDUCTIS (2,99%)
- Board: 7 members (of which 4 for Eandis, incl. Chairman David Termont)
- Staff: 248⁽¹⁾ on 3 sites (Mechelen, Ghent and Ypres)
- Fully autonomous operations since October 2013
- Works at **cost price** (no margin/profit) for its shareholders
- Consolidated according to the integral method
- Financials 2013 (BE-GAAP)
 - Balance sheet total: € 3.609.320
 - Share capital: € 257.700
 - Debt: € 3.351.620 of which € 2.808.952 < 1 year / no LT debt)
 - Turnover: € 12.587.947





- Activity: metering related (IT-)services supporting the processes in the liberalised energy market, esp. metering data transmission between market parties (suppliers and distributors)
- Shareholders: Eandis (70%) and its Walloon counterpart ORES (30%)
- Board: 8 members (of which 4 for Eandis, incl. Chairman Guy Cosyns)
- Staff 52 (on 31 December 2013)
- Works at **cost price** (no margin/profit) for its shareholders
- Consolidated according to the integral method
- Will gradually phase out its activities (≈ parallel to start of federal clearing house Atrias)
- Financials 2013 (BE-GAAP)
 - Balance sheet total: \in 12.044.879
 - Share capital: \bigcirc 3.216.131
 - Debt: € 8.757.440 (of which € 8.753.555 < 1 year / no LT debt)
 - Turnover: € 21.721.125



Eandis's subsidiary: Atrias cvba

- Shareholders: Eandis, ORES, Infrax, Sibelga and Tecteo (with Eandis 25% of share capital)
- Board: 12 members (of which 3 for Eandis, incl. Chairman Walter Van den Bossche)
- 11 (31 December 2013) ■ Staff:
- Established: 9 May 2011
- Operates on a federal scale (the whole of Belgium) for reasons of economies of scale
- Atrias has developed MIG-6 (Message Implementation Guide, smart-ready) and is charged with the development of a clearing house application by 2017
- Works at **cost price** (no margin/profit) for its shareholders
- Consolidated in Eandis according to the equity method
- Financials 2013 (BE-GAAP)
 - Balance sheet total: € 4.581.539
 - Share capital: € 18.600
 - Debt: € 4.562.909 (of which € 4.561.485 < 1 year / no LT debt)
 - Turnover: € 4.342.950



ATRIAS

Eandis's subsidiary: SYNDUCTIS cvba

SYNDUCTIS

- Date of establishment: 21 December 2012
- Shareholders: Eandis (50%), TMVW (44,95%), IWVA (2,26%) and IWVB (2,79%) open for other utilities one year collaboration agreement with telecom operator Belgacom
 [Eandis's 50% capital share will be diminished when other utilities join SYNDUCTIS]
- Board: 5 members (of which 2 for Eandis, incl. Chairman Geert Versnick)
- Staff: nihil, all operations by staff delegated by shareholders
- Start of operations: 2013, with approx. 20 carefully selected test projects
- SYNDUCTIS will have to find synergies between utilities carrying out infrastructure works in the public domain (energy, water, telecom, sewage a.o.), thus reducing hindrance for the general public and realising cost efficiency for the utilities
- Works at **cost price** (no margin/profit) for its shareholders
- No consolidation for fiscal year 2013
- <u>Financials 2013 (BE-GAAP)</u>
 - Balance sheet total: € 1.153.604
 - Share capital: € 18.600
 - Debt: € 1.135.004 (all debt < 1 year / no LT debt)
 - Turnover: € 972.946



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Public Services Obligations

- **RUE** (Rational Use of Energy, 'REG' in Dutch)
 - The Regulator requires the DSOs to **reduce primary energy use**.
 - DSOs are responsible for sending metering reports to the VREG. These are used to issue the certificates for renewable energy
 - Electricity supplied by a plant producing renewable energy (monthly basis)
 - Supplier's share of electricity transported over the distribution network (annual basis)
 - Energy from CHP units has similar reporting responsibilities as for renewable energy
- **SPSO** (Social Public Service Obligations, 'SODV' in Dutch)
 - Goal : Ensure **minimum supply of electricity and gas** to any household in Flanders
 - Role of social supplier for customers dropped by commercial suppliers
 - Free electricity of minimum 100 kWh per residence + 100 kWh per family member + no distribution cost (compensated for by existing regulation)
 - Special conditions for protected customers e.g. free installation of a budget meter
- Global Service Obligations
 - **Right of connection** to the gas and electricity network (Flemish Government Decision, 19 November 2010)
 - Supplier of last resort in case a supplier defaults (no legal document as yet, intermediary system currently in place)

DSOs are crucial in implementing the Flemish Government's public service / social welfare policies. In addition, supplier of last resort indicates the confidence of the Flemish Government in the DSOs' networks.

