

We are increasing the energy security in Poland and reliability of energy supplies to our Customers

Q4 2016, 2016

We are building an optimum model of operation which strengthens the Group's position on the market



Financial data 2016

- PLN 11 256 mln net sales revenue
- PLN 1 119 mln EBIT
- PLN 2 328 mln EBITDA
- PLN 849 mln net profit
- PLN 2 742 mln CAPEX
- 1.9 net debt/EBITDA

Operating data 2016

- PLN 9 038 thou. tonnes coal net production
- PLN 13 567 GWh electricity generation
- 18 741 GWh sales of distribution services to end users
- 17 989 GWh sales of electricity and gas to retail customers

Key investments 2016

- Ostrów deposit completion of drilling works by exploratory bores
- 95% progress in the construction of a new unit in Kozienice Power Plant ¹⁾
- Modernisation

 and investments in
 the environmental protection
 in Kozienice Power Plant
- Modernisation, extension and automation of grid assets

Strategy adoption and implementation

- Acquisition of Połaniec
 Power Plant
- New development strategy of the area of mining in Enea Group
- Feasibility study of the unit in clean coal technology (IGCC)
- New unit Ostrołęka C
- Building an ecosystem for innovation

Stable development of an innovative commodity and energy concern

Agenda



Coal, energy markets, key operational and sales data



Enea CG's financial results in Q4 2016 and 2016



LW Bogdanka CG's financial results in Q4 2016 and 2016



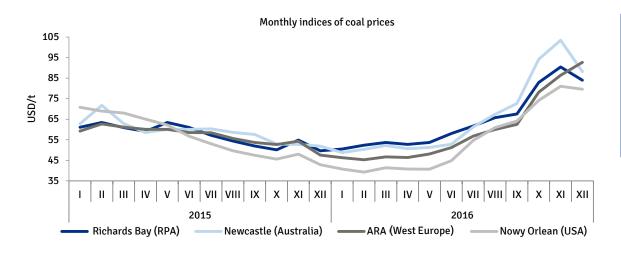
Key initiatives in 2016



Implementation of Enea CG's development strategy

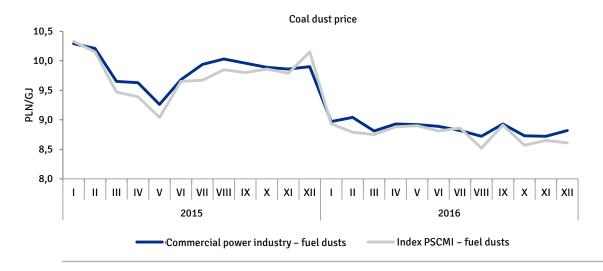
Situation on world coal markets affects the domestic market with some delay





Average prices in 2016:

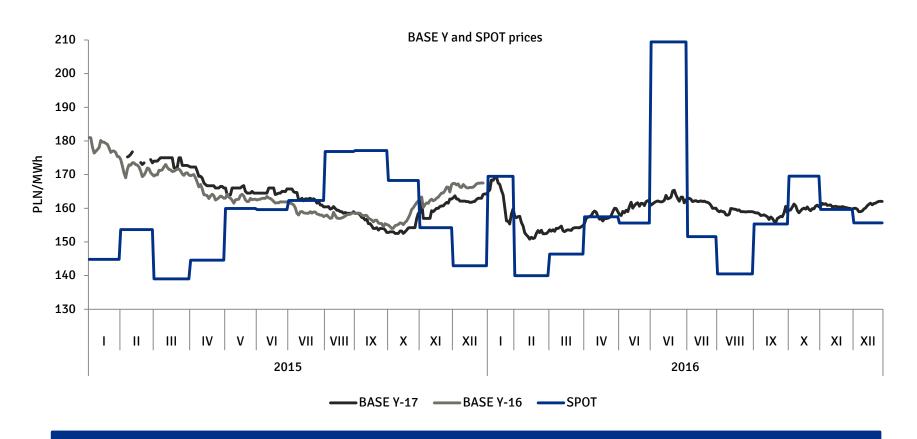
- Amsterdam Rotterdam
 Antwerp: 60.06 USD/t
- Richards Bay: 64.44 USD/t
- Newcastle: 66.11 USD/t
- New Orleans: 55.20 USD/t



Average price in 2016 of coal dust for commercial power industry dropped by ca. 10.3% yoy

The price of energy on the spot market grew slightly in 2016

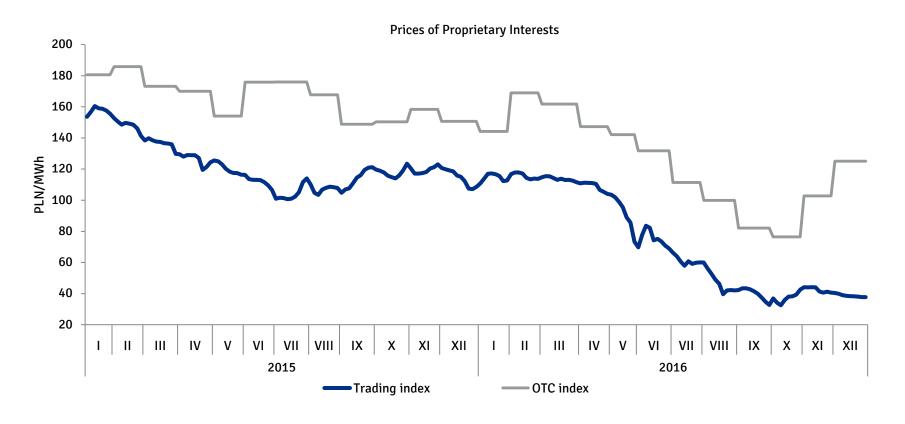




- Growth in the average price of baseload on SPOT market in 2016 by 1.4% yoy to 159.20 PLN/MWh
- The average energy price on forward market baseload for 2017 dropped by 4.3% yoy to 159.31 PLN/MWh in 2016

In Q1-Q3 2016 we observed a downward trend in the prices of proprietary interests, there was a rebound in Q4 2016

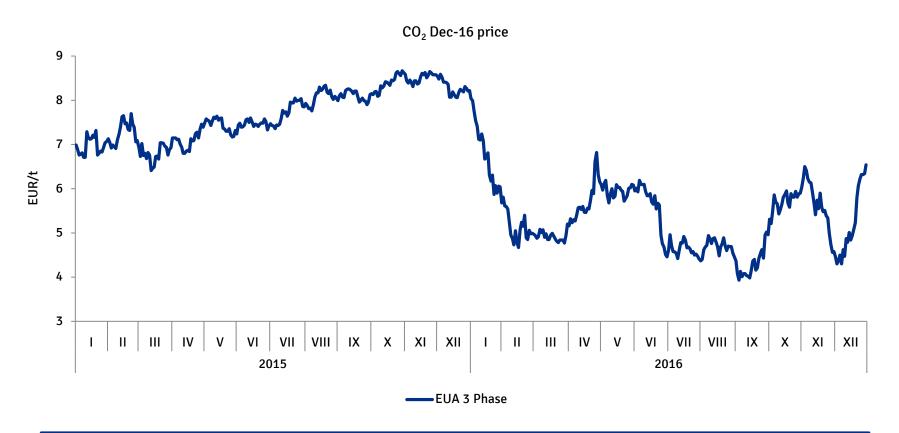




- In 2016 the weighted average value of the session index dropped by 37.4% yoy to 73.63 PLN/MWh in relation to Q4 2015
- OTC market index in that period was by 76% higher than the session index and amounted averagely to 129.97 PLN/MWh

The EU climate policy considerably affects the prices on the market of CO₂ emission allowances





EUA price on the forward market for EUA Dec-16 in 2016 dropped by 37% to 5.09 EUR/t

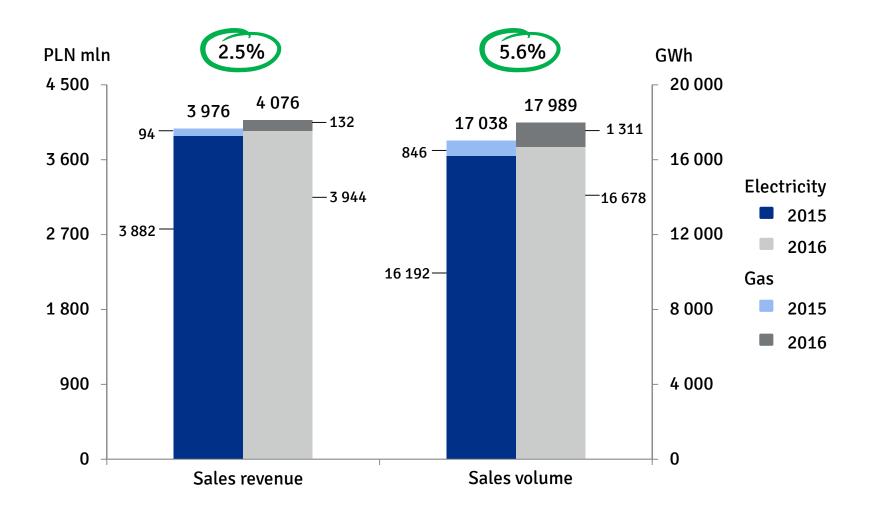
We reported good operating ...



Enea CG's operational data	Q4 2015	Q4 2016	Change	2015	2016	Change
Generation of electricity [GWh]	3 444	3 401	-1.2%	13 142	13 567	3.2%
from conventional sources	3 228	3 255	0.8%	12 293	13 028	6.0%
from renewable energy sources	216	146	-32.4%	849	539	-36.5%
Gross generation of heat [TJ]	1 616	1 804	11.6%	5 217	5 299	1.6%
Sales of distribution services to end users [GWh]	4 545	4 817	6.0%	17 936	18 741	4.5%
Sales of electricity and gas to retail customers [GWh]	4 542	4 693	3.3%	17 038	17 989	5.6%

... and sales results





In 2016 LW Bogdanka CG sold by almost 7% more coal than in the previous year



LW Bogdanka CG's operating results ['000 tonnes]	Q4 2015	Q4 2016	Change	2015	2016	Change
Gross output	3 994	3 638	-8.9%	12 940	14 389	11.2%
Net production	2 527	2 356	-6.8%	8 457	9 038	6.9%
Yield	63.3%	64.8%	1.5 p.p.	65.4%	62.8%	-2.6 p.p.
Sale of coal	2 554	2 402	-6.0%	8 562	9 141	6.8%
Closing stocks	228	125	-45.2%	228	125	-45.2%

Agenda

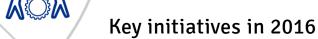


Coal, energy markets, key operational and sales data



Enea CG's financial results in Q4 2016 and 2016

LW Bogdanka CG's financial results in Q4 2016 and 2016



Implementation of Enea CG's development strategy

In 2016 Enea Group generated solid financial results



Enea CG's financial data [PLN mln]	Q4 2015	Q4 2016	Change	2015	2016	Change
Net sales revenue	2 698.1	2 951.7	9.4%	9 848.4	11 255.7	14.3%
EBIT	-1 209.1	170.2	-	-162.1	1 119.3	-
EBIT excluding one-offs ¹⁾	292.5	401.6	37.3%	1 046.3	1 400.1	33.8%
EBITDA	524.6	499.2	-4.8%	2 129.9	2 327.8	9.3%
EBITDA excluding one-offs ²⁾	524.6	681.9	30.0%	1 836.7	2 510.4	36.7%
Net result	-1 236.7	128.3	-	-398.9	848.9	-
Net debt / EBITDA ³⁾	1.8	1.9	5.6%	1.8	1.9	5.6%

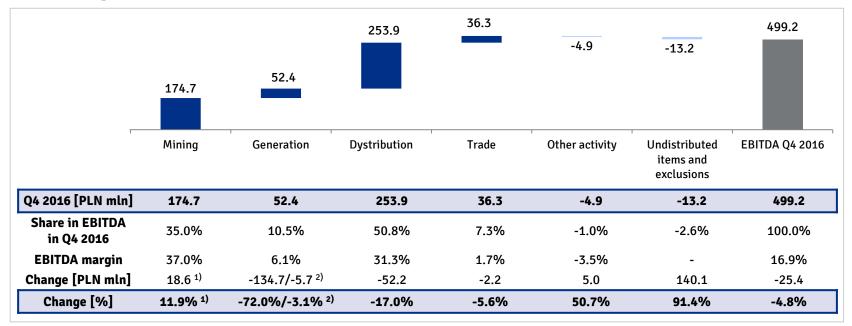
¹⁾ Impact on EBIT: tangible assets impairment write-down in Q4 2015 PLN -1,501.6 mln, in Q4 2016 PLN -48.8 mln, in 2016 PLN -98.2 mln; settlement of LTPPA in Q3 2015 PLN +293.1 mln; provision related to the estimation of the value of shares in Eco-Power sp. z o.o. amounting to PLN 129.0 mln in Q4 2016; provisions for the new Programme of Voluntary Redundancy totalling to PLN 53.6 mln in Q4 2016

²⁾ Impact on EBITDA: settlement of LTPPA in Q3 2015 PLN +293.1 mln; provision related to the estimation of the value of shares in Eco-Power sp. z o.o. amounting to PLN 129.0 mln in Q4 2016; provisions for the new Programme of Voluntary Redundancy totalling to PLN 53.6 mln in Q4 2016

³⁾ Debt = long-term and short-term: credits, loans and debt securities + financial lease liabilities

In Q4 2016 Enea Group's EBITDA amounted to almost PLN 500 mln (excluding one-offs PLN 682 mln)





- drop in the volume of sold coal by 6.0%
- drop in sale revenue
- yoy by 15.5% lower individual cost of mining **v**
- export sales (Ukraine) √



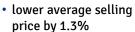
- higher margin on generation by PLN 5.1 mln √
- higher result on the other operating activity by PLN 11.4 mln V
- higher result in the segment of RES by PLN 5.6 mln V



- · higher revenue from the sale of distribution services to end users by PLN 25 mln V
- higher costs of purchasing transmission services by PLN 20 mln
- revenue from arid connection fees within RES sources lower by PLN 24 mln



growth in energy sale volumes by 3.6% √



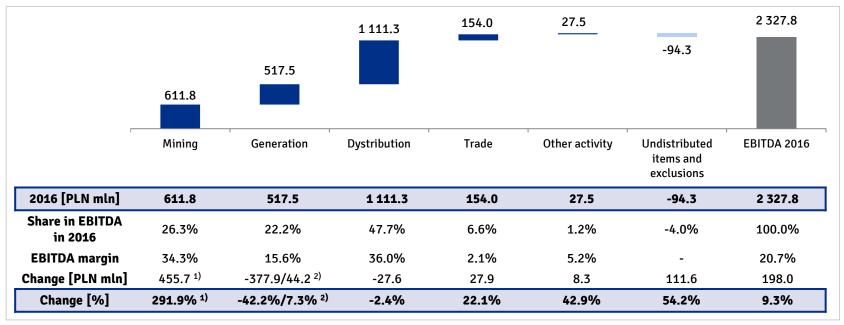
- lower average purchase price of energy by 2.7% √
- lower costs of ecological obligations by 17.6% √

¹⁾ In 2015 Enea CG consolidated results of LW Bogdanka CG for the period of November - December

²⁾ Excluding PLN 129.0 mln worth of a provision related to the estimation of the value of shares in Eco-Power sp. z o.o. in Q4 2016

In 2016 almost 50% of EBITDA was generated by the area of distribution Energy



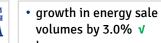


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- growth in sales of coal by 6.8% √
- by 6.8% √
 growth in coal production
 by 6.9% √
- lower individual cost of mining √
- export sales (Ukraine) √



- higher margin on generation by PLN 71.8 mln √
- higher result in the segment of heat by PLN 24.2 mln √
- settlement of PLN 293.1 mln LTPPA in Q3 2015 (one-off)
- higher fixed costs by PLN 40 mln
 higher provisions for employee benefits by PLN 32.8 mln
- higher revenue from the sale of distribution services to end users by PLN 63 mln √
- higher costs of purchasing transmission services by PLN 49 mln
- revenue from grid connection fees within RES sources lower by PLN 31 mln





- lower average energy selling price by 1.4%
- lower average purchase price of energy by 1.7% √
- higher costs of ecological obligations by 2.7%

¹⁾ In 2015 Enea CG consolidated results of LW Bogdanka CG for the period of November - December

²⁾ Excluding PLN 293.1 mln revenue from LTPPA in Q3 2015 and PLN 129.0 mln provision related to the estimation of the value of shares in Eco-Power sp. z o.o. Q4 2016

Agenda



Coal, energy markets, key operational and sales data



Enea CG's financial results in Q4 2016 and 2016

LW Bogdanka CG's financial results in Q4 2016 and 2016

Key initiatives in 2016

Implementation of Enea CG's development strategy

Stable financial results despite low coal prices



LW Bogdanka CG's financial results [PLN mln]	Q4 2015	Q4 2016	Change	2015	2016	Change
Net sales revenue	558.4	471.9	-15.5%	1 885.4	1 786.3	-5.3%
EBIT	-500.8	82.4	-	-326.2	237.0	-
EBITDA 1)	228.2	174.3	-23.6%	686.3	606.5	-11.6%
Net result	-411.8	61.8	-	-279.6	182.0	-
CAPEX	68.5	95.2	39.0%	300.7	307.7 ²⁾	2.3%
Net debt / EBITDA ³⁾	0.67	0.14	-79.1%	0.67	0.14	-79.1%

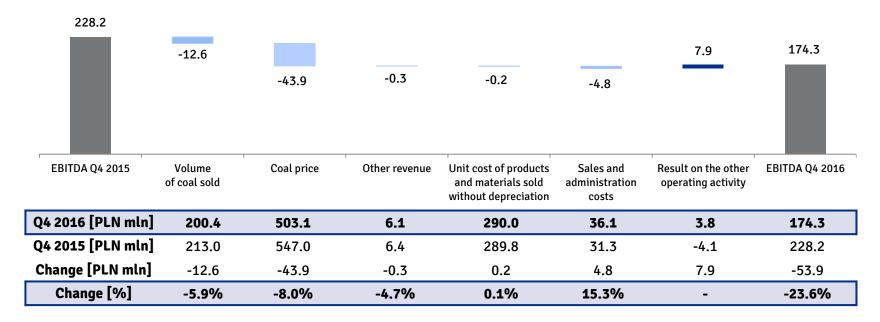
¹⁾ Explanation of EBITDA presentation difference of LW Bogdanka CG and area of mining in Enea CG in Q4 2016 and 2016 is given in attachments 1-2

²⁾ The result excludes PLN 142 thou. from LW Bogdanka's subsidiaries not included in the investment plan

³⁾ Debt = long-term liabilities due to bond issue + long-term credits and loans + short-term credits and loans

Lower EBITDA in Q4 2016 was determined by a drop in sales and coal price lower by 8.0% yoy

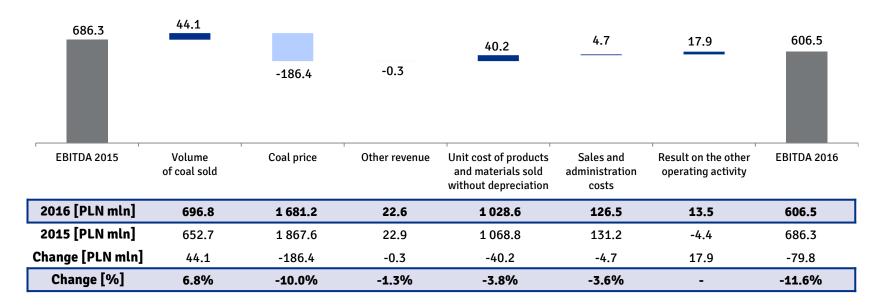




- drop of EBITDA by PLN 53.9 mln (-23.6%)
- drop in the volume of sold coal by 6.0%
- drop in the price of sold coal by 8.0%
- other revenue in Q4 2016 on the level of the same period of 2015
- the unit cost of sold products, goods excluding amortisation did not change considerably (drop in nominal costs by 5.9% with volume of sold coal lower by 6.0%)
- higher selling costs customs and logistic handling costs of coal sold to Ukraine
- higher other operating revenue (calculated fines) √
- lower other costs and net losses v

Lower unit cost and growth in the volume in 50% compensated decreasing coal prices in 2016





- drop of EBITDA by PLN 79.8 mln (-11.6%)
- growth in sale volumes of coal by 6.8% \checkmark
- drop in the price of sold coal by 10.0%
- · other revenue in 2016 on the level of 2015
- drop in the unit cost of sold products, goods without amortisation (growth in nominal costs by 2.7% with higher volume of sold coal by 6.8%) √
- lower selling and administrative costs (derecognition of management options costs for 2016 and previous years, higher selling costs - customs and logistic handling costs of coal sold to Ukraine) √
- ullet positive result on the other operating activity (release of the provision for claims) ullet

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Coal, energy markets, key operational and sales data



Enea CG's financial results in Q4 2016 and 2016

LW Bogdanka CG's financial results in Q4 2016 and 2016

Key initiatives in 2016

Implementation of Enea CG's development strategy

Building optimum synergies we are increasing the Group's effectiveness



Key initiatives 2016



Mining



Generation



Distribution



Trade

- Execution of 23.8 km of new excavations
- Completion of drilling works by exploratory bores in Ostrów area and acquisition of the right to utilise the geological information of that deposit
- Completion of the installation and all objects of the central air-conditioning of Bogdanka field
- Optimisation of direct production costs and capital expenditures

- Continuation of the construction of flue gas desulphurisation plant on K7 and K8 boilers
- Installation of the catalytic denitrogenation of flue gases (SCR):
- units No. 1-2, 5-7 commissioning
- units No. 4 and 8 continuation of the construction
- units No. 9-10 execution of an agreement with a contractor
- Construction of industrial waste and rainwater treatment

- Considerable enhancement of planned and unplanned interruption indices in 2016:
- SAIDI by 44% yoy
- SAIFI by 30% yoy
- Improvement of connection processes
- Completion of a series of investments implemented on high and medium voltage, e.g. 7 transformer/switching stations
- Development of information tools supporting the grid management

Sales:

- launching the Customer loyalty programme
- new products for households and business Customers
- completion of a migration process of Customer data to the central billing system

Wholesale trading:

 development and implementation of a model of long-term price paths for products listed on wholesale markets

Key initiatives in 2016

The key investment project will be commissioned in 2017



95%

progress in the new unit's

construction 1)

Unit No. 11 - works realised in 2016

- Assembly of the boiler house's main structure
- Assembly of start-up boilers
- Connecting 110 kV voltage
- Assembly of the pressure system water test of the boiler
- Assembly of electrostatic precipitator's supporting structure
- Reinforced concrete structure of gypsum store
- Assembly of stacker-reclaimers
- Assembly of coal pulvilizers





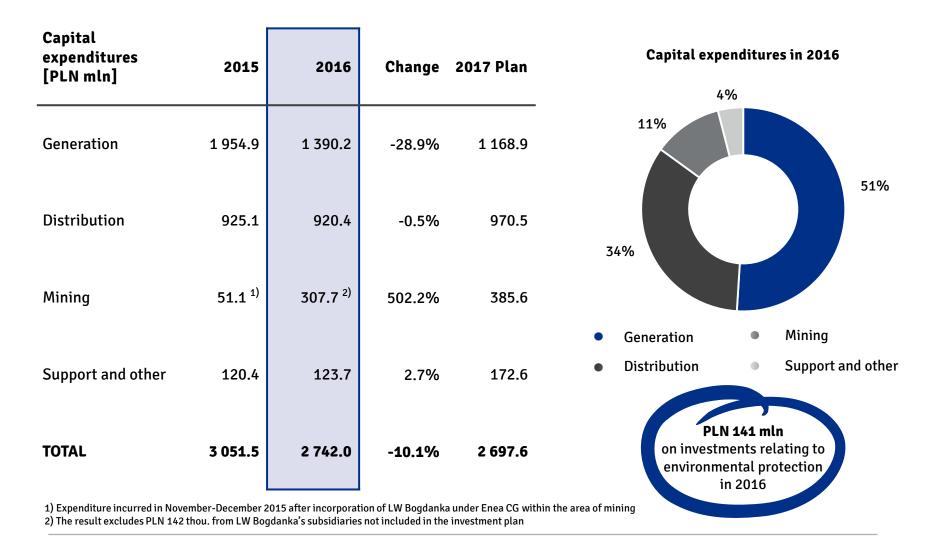


1) As at March 2017



We are consistently investing in Enea Group's development





Key initiatives in 2016

Agenda



Coal, energy markets, key operational and sales data



Enea CG's financial results in Q4 2016 and 2016



LW Bogdanka CG's financial results in Q4 2016 and 2016



Key initiatives in 2016

Implementation of Enea CG's development strategy

Acquisition of Połaniec Power Plant



Połaniec Power Plant



1.7 GW_e

installed electric power of coal fired units **0.2 GW**_e

installed electric power of the green unit **10.2 TWh**

annual net electricity generation PLN 1.5 bln

CAPEX 2012-2016

Attractive transaction



Enea

PLN 1 264 mln

price paid by Enea

PLN 995 mln

EV as at 31 December 2016

PLN 269 mln

cash retained in EEP 3.5x

EV/EBITDA 1)

Enea Group after the transaction



5.2 GW_e

installed electric power

23.8 TWh

annual net generation of electricity

9.8 Mt

annual demand for coal 15%

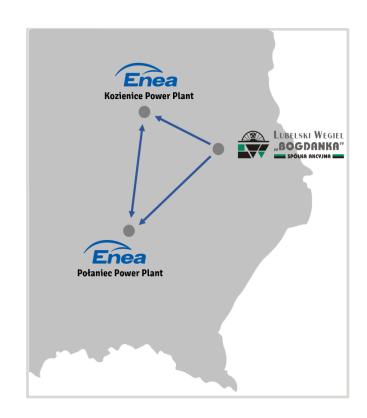
share in energy generation

¹⁾ EBITDA 2016 adjusted with revenue from sale of CO₂ emission allowances (NAP)

We create a cost- and operation-effective Kozienice-Bogdanka-Połaniec mining and generation area



- Improvement of the Polish energy security
- An important step towards the implementation of the strategy foreseeing a growth in sales of electricity to end users to 20.1 TWh in 2025
- Two major consumers of LW Bogdanka's coal within Enea Group
- Kozienice and Połaniec Power Plants common trading team and joint portfolio management
- More efficient management of the commodity logistics in Kozienice-Bogdanka-Połaniec area
- Joint purchases of biomass for Białystok Heat and Power Plant and Połaniec Power Plant



Growth in Enea Group's revenue and EBITDA

Enea Group develops dynamically utilising the occurring market opportunities



New development strategy of the area of mining

- Development of the base of commodities and extending mines' lifetimes
- Further improvement of the energy generation efficiency based on LW Bogdanka's commodity
- Growth in the coal consumption index for Enea CG's own needs from 43% to 75% in 2025.

A modern unit in clean coal technology

- A new market for coal increasing the Polish economy's energy independence
- Feasibility study of the construction of the power unit with coal gasification installation (IGCC)
- 26 ha plot (Łęcza/Bogdanka) obtained as a result of EEP acquisition

Joint investment with Energa by the construction of Ostrołęka C

- Participation in the process of modernising the Polish power sector using Polish coal as fuel
- · Increasing the share in the generation market
- Asset management optimisation within the Group

Implementation of Enea CG's development strategy until 2030

Coal supplies diversification

- PGG and KHW current suppliers of coal to the Group, accounting for ca. 7% and ca. 12% of supplies in 2016
- Estimated growth in own conventional capacities to the level of 5.8 GW - increasing the demand for bituminous coal from the current level of ca. 5.5 mln tonnes annually to ca. 10.9 mln tonnes annually in 2025
- Business-like approach to the transaction as regards the economic effects and diversification of coal supplies to the Group

Electromobility

- · Electromobility Development Plan in Poland impact on the future shape of the electricity market
- · Establishment of a dedicated company ElectroMobility Poland
- Joining the works related to the increase in the number of electrical buses in cities and communes within the existing systems of mass communication



We are increasing the energy security in Poland and reliability of energy supplies to our Customers

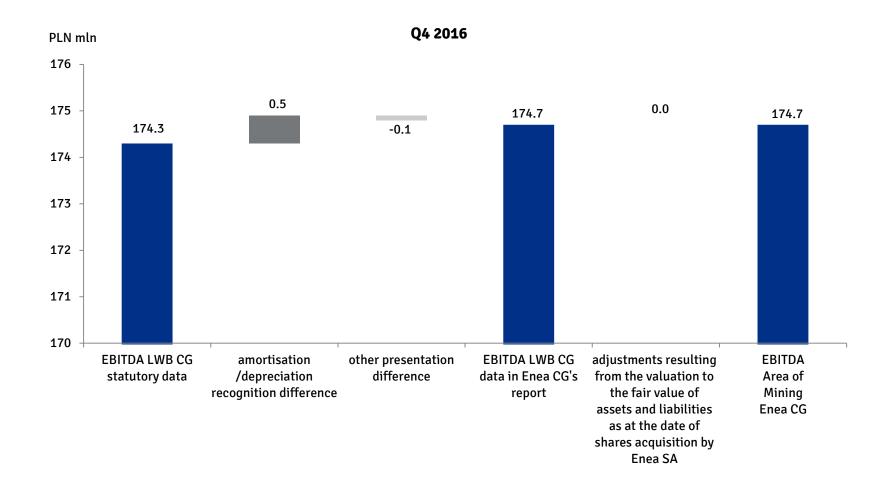
Q4 2016, 2016



Attachments

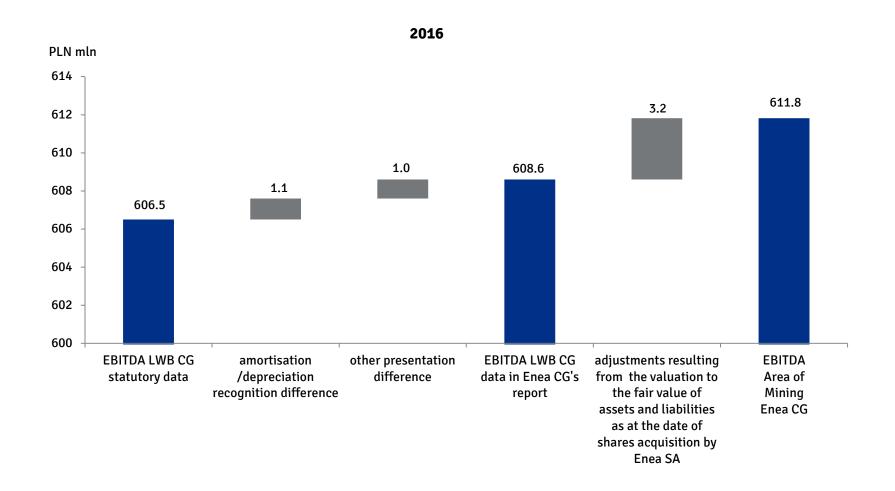
Att. 1 - Explanation of EBITDA presentation difference in LW Bogdanka CG and area of mining in Enea CG in Q4 2016





Att. 2 - Explanation of EBITDA presentation difference in LW Bogdanka CG and area of mining in Enea CG in 2016





Att. 3 – We are modernising our generation assets and adjusting them to rigorous environmental standards

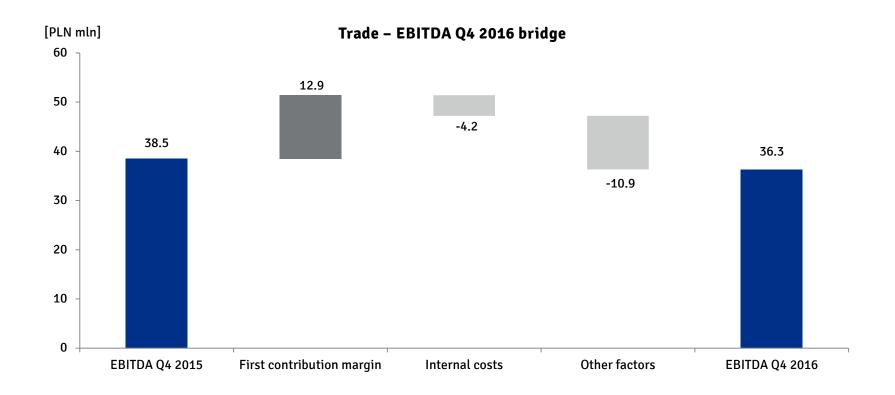


Investment	CAPEX 2016 [PLN mln]	Total CAPEX [PLN mln]	Progress of works at the end of 2016 [%]	Anticipated date of completion
Construction of a 1,075 MW power unit No. 11	1 093	5 744.6	94%	2017
IOS IV flue gas desulphurisation plant	9.1	288.3	99%	2017
Modernisation of unit No. 4	30.6	31.8	98%	2017
Modernisation of unit No. 5	74.8	87.9	100%	2016
Construction of industrial waste and rainwater treatment	7.3	29.4	99%	2017
Installation of flue gases denitrification - SCR for units No. 1 and 2	12.5	97.9	99%	2016
Modernisation of unit No. 9 as a part of 2 x 500 MW units modernisation programme	0	90.0	1%	2017
Modernisation of cooling water intake - stabilising checkdam on the Vistula River	0.6	33.0	2%	2019
SCR installation and modernisation of electrostatic recipitators for units No. 9 and 10 as part of the 2 x 500 MW units modernisation programme	6.1	314.2	1%	2019
Installation of flue gases denitrification - SCR for units No. 4-8	62.1	203.7	86%	2017
Installation of flue gases denitrification - SNCR for unit No. 3	0	42.6	1%	2017
Construction of flue gas desulphurisation plant on K7 and K8 boilers	34.0	105.5	55%	2017
Modernisation of unit No. 10 as part of 2 x 500 MW units modernisation programme	0	88.1	1%	2018

Attachments 31

Att. 4 - Despite higher first contribution margin EBITDA of the area of trade in Q4 2016 reported a slight drop yoy

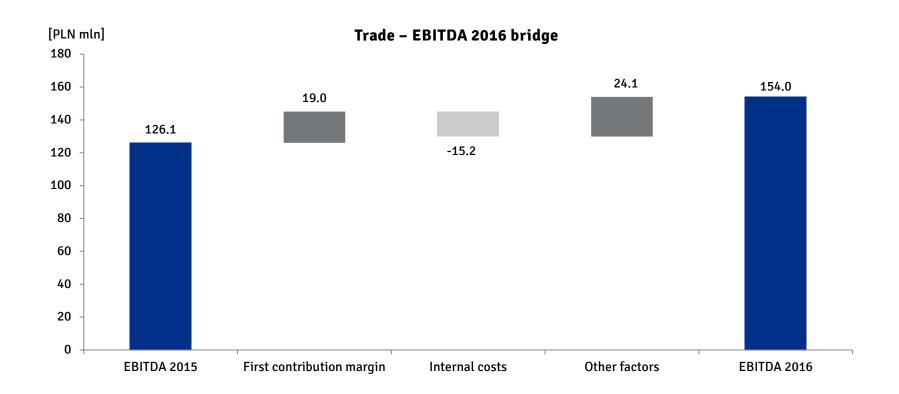






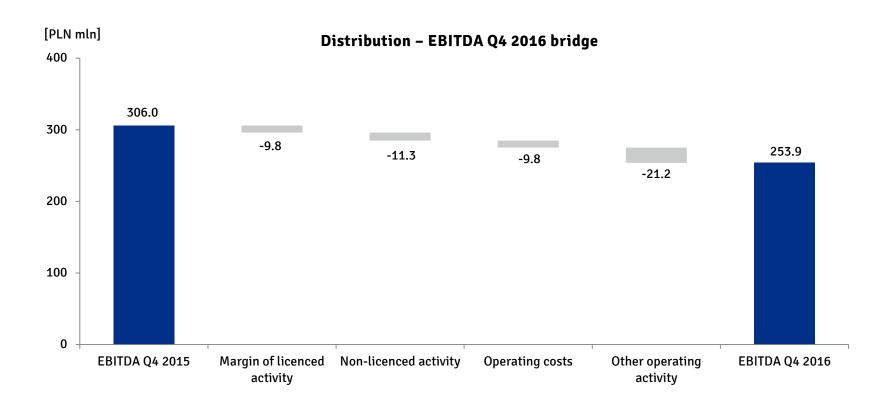
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Att. 5 – Higher first contribution margin, lower provisions for litigation and latent claims and lower receivables written-off supported EBITDA of the area of trade in 2016



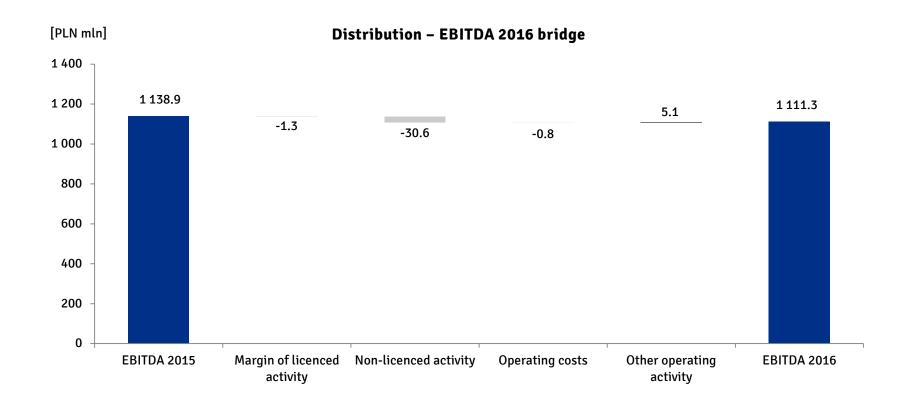
Att. 6 – In Q4 2016 EBITDA of the area of distribution was under the pressure





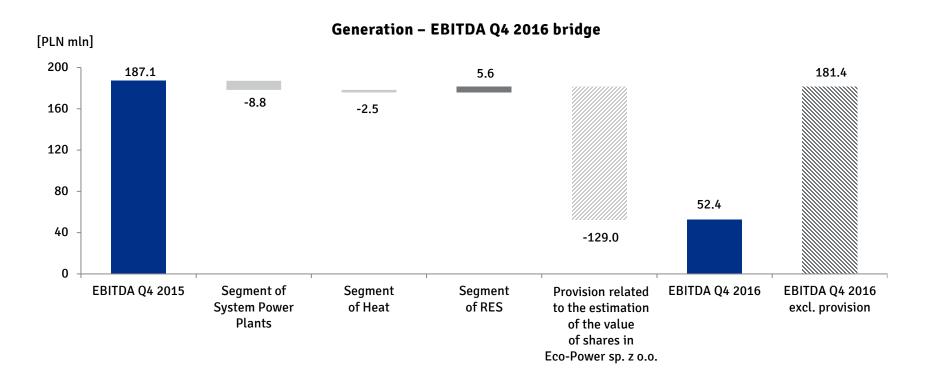
Att. 7 - In 2016 the drop in EBITDA of the area of distribution was in the major part affected by lower revenue from non-licensed operations yoy





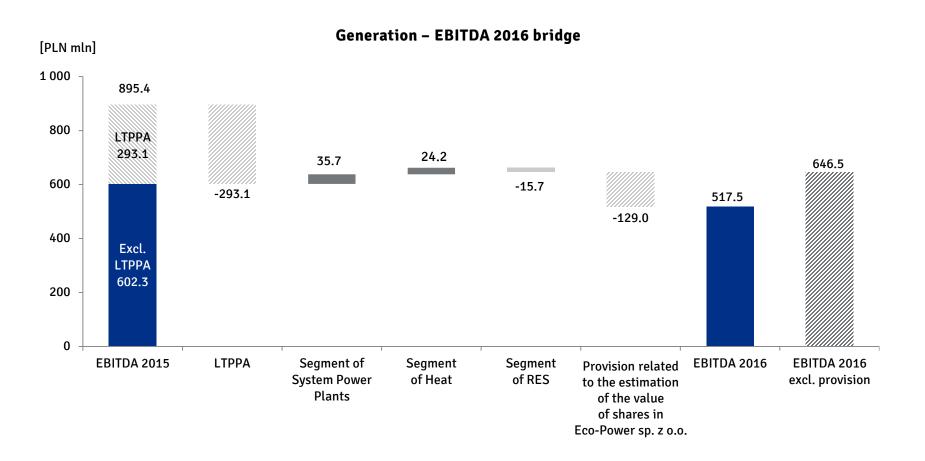
Enea

Att. 8 – Excluding the provision related to the estimation of the value of shares in Eco-Power sp. z o.o. (one-off) the result of the area of generation reported just a slight drop in Q4 2016 by 3.1% yoy



Enea

Att. 9 - Excluding the impact of the settlement of revenue from LTPPA and provision related to the estimation of the value of shares in Eco-Power sp. z o.o. EBITDA of the area of generation grew in 2016 by 7.3% yoy







	Generation, including:									
[PLN mln]	Syst	System power plants Heat						RES		
	Q4 2015	Q4 2016	Change	Q4 2015	Q4 2016	Change	Q4 2015	Q4 2016	Change	
Sales revenue	715	699	-16	136	135	-1	24	20	-4	
EBIT	-1,142	80	1,222	-136	40	176	-116	-180	-64	
EBITDA	132	124	-8	56	54	-2	-2	-125	-123	
CAPEX	467	424	-43	28	26	-2	65	2	-63	

[PLN mln]	System	System power plants			Heat			RES		
	2015	2016	Change	2015	2016	Change	2015	2016	Change	
Sales revenue	3,028	2,817	-211	428	433	5	85	65	-20	
EBIT	-668	326	994	-125	86	211	-113	-234	-121	
EBITDA	754	496	-258	114	138	24	28	-117	-145	
CAPEX	1 789	1 304	-485	72	80	8	94	6	-88	

Attachments 38