



10 May 2012 TAURON Group Results for Q1 2012

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# Key events



19 January	Concluding the agreement for the construction of a 82 MW wind farm in Marszewo with the consortium of companies: Iberdrola Engineering and Construction Poland (leader) and Iberdrola Ingenieria Y Construction					
19 January	Concluding a PLN 40 million worth agreement for co-financing of the biomass-burning boiler at Elektrownia Jaworzno III – Elektrownia II with the Ministry of Economy (as the intermediary institution for the Operational Program Infrastructure and Environment 2007-2013)					
4 April	Concluding a PLN 20 million worth agreement with NFOŚiGW (National Fund of Environmental Protection and Water Management) concerning co-financing of the project for modernisation of the heat generation unit at EC Tychy. After the modernisation, the unit will be adjusted to burn only biomass.					
24 April	Decision of the Ordinary General Meeting on the dividend payout in the amount of PLN 543 million, i.e. PLN 0.31 per share					
25 April	Decision of the Court of Appeal, in favour of TAURON, on the determination of annual adjustment of stranded costs for the year 2008					
26 April	Concluding of agreement with the company Abener Energia as the general contractor of the CCGT unit's construction at Stalowa Wola. The PLN 1.57 billion net worth contract is for the construction of the largest gas fired co-generation plant in Poland					

# Electric energy market price trends



Electric energy								
Platforms:	2011		2012		2	2012/2011		
TGE, TFS, GFI, GPW-POEE	Price PLN/MWh	Volume GWh	Price PLN/MWh	Volun GWI			Volume %	
Forward BASE (Y+Q+M)	195.36	106,812	201.71	123,40	)0 + 3.2	%	+ 15.5%	
Forward PEAK (Y+Q+M)	219.01	14,744	227.17	14,51	0 + 3.7	%	- 1.6%	
Forward (weighted average)	198.23	121,555	204.39	137,91	11 + 3.1	%	+ 13.5%	
<b>SPOT</b> (TGE + GPW-POEE)	199.08	18,905	190.22 (Forecast)	<b>19,69</b> (Foreca	= 4.4	%	+ 4.2%	
Total weighted average	198.34	140,460	202.62	157,60	<mark>)6</mark> + 3.2	%	+ 12.2%	
CO <sub>2</sub> emission allowances (EUR/t)				Certificates (PLN/MWh)				
Questionnaire of CO market analysts <sub>2</sub> *	Pric	Price (EUR/t)		Type of certificate			Substitution fee for 2012	
Average in 2012	6 –	6 – 8 EUR/t				2		
Average in 2013	7 –	7 – 9 EUR/t		RES (green)			286.74	
Average in 2014	9 –	9 – 11 EUR/t		Coal co-generation			29.30	
Average EUA price forecast by TAURON in 2012	AURON 7 – 8 EUR/t		Gas co-gen (yello	neration	126.12		128.80	
*Source: Deutsche Bank, Barclays Capital, Point Carbon			Methane	(violet)	58.40		60.00	

# Restructuring of the Group – Q1 2012



Ownership structure rearrangement	Business model implementation
<ul> <li>Sale of non-core business assets for the total amount of PLN 4 million in Q1 2012:</li> <li>shares/stocks - in the amount of PLN 4 million</li> <li>Mergers: <ul> <li>2 companies in the Distribution Segment (registration of the merger in the National Court Register – January 2012)</li> </ul> </li> <li>Outsourcing processes for cleaning and security services at ZEW Rożnów sp. z o.o. and TAURON Ciepło S.A.</li> </ul>	<ul> <li>Redemption of minority shareholders of Górnośląski Zakład Elektroenergetyczny S.A.</li> <li>Completion of the process of assets integration in the Heat Segment. Acquisition of the following companies by TAURON Ciepło S.A.: EC Tychy S.A., EC Nowa sp. z o.o., Energetyka Cieplna w Kamiennej Górze sp. z o.o.</li> </ul>
<ul> <li>Sale of non-core business assets: <ul> <li>15 recreational facilities, planned completion – 2013</li> <li>shares/stocks of 12 companies outside the value chain and 7 under trustee management; planned completion - 2013</li> </ul> </li> <li>Consolidation of medical activity, streamlining of the Group's structure and preparation for sale of PŚZiPZ ELVITA, scheduled disposal of shares – 2012</li> <li>Analysis of legitimacy of separation, integration and supervision of the Group's non-core business operations</li> <li>Analysis of merger possibilities of companies of the same profile (dealing with repairs, transportation, measurements and metering), or disposal of shares/stocks of companies in these business lines</li> <li>Outsourcing processes for cleaning and security services in other companies of TAURON Group</li> </ul>	<ul> <li>Consolidation of companies: ZEW Rożnów sp. z o.o. and TAURON Ekoenergia sp. z o.o.; scheduled completion – H1 2012</li> <li>Merger of companies: Lipniki sp. z o.o. and TAURON Ekoenergia sp. z o.o.; scheduled completion – 2012</li> <li>GZE Group companies' assets integration: <ul> <li>Incorporation of GZE S.A. by TAURON Polska Energia S.A.; scheduled completion – Q3 2012</li> <li>Integration in the following segments: Distribution, Supply, Customer Service, RES; scheduled completion – Q3 2013</li> </ul> </li> </ul>

Completed

# Implementation of investment program



### ZEC Bielsko Biała – new heating unit

- Capacity 50 MW<sub>e</sub> / 182 MW<sub>t</sub>
- Scheduled commissioning mid-2013

Status as of 31 March 2012:

 Construction works in progress. General contractor: Polimex-Mostostal

## Elektrownia Jaworzno III – new fluidized bed boiler (biomass burning)

- Capacity 50 MW<sub>e</sub> / 45 MW<sub>t</sub>
- Scheduled commissioning 2012

Status as of 31 March 2012:

- Construction works in progress. General contractor: consortium Rafako and Omis
- On 19 January the agreement was signed with the Ministry of Economy (as intermediary institution for Operational Programme Infrastructure and Environment 2007-2013) concerning co-financing of the new unit in the amount of PLN 40 M

## Elektrownia Stalowa Wola – modernisation of K-10 boiler (biomass burning)

- Capacity 20 MW<sub>e</sub>
- Scheduled commissioning 2012

### Status as of 31 March 2012:

Construction works in progress. General contractor: Rafako

### Elektrociepłownia Tychy – new CHP unit

- Capacity 50 MW<sub>e</sub> / 86 MW<sub>t</sub>
- Scheduled commissioning end of 2015

Status as of 31 March 2012:

Selection of the contractor of the new unit is underway

## Elektrociepłownia Tychy – reconstruction of fluidized bed boiler (biomass burning)

- Capacity 40 MW<sub>e</sub>
- Scheduled commissioning end of 2012

Status as of 31 March 2012:

- construction of biomass type boiler:
  - construction and assembly works in progress, contractor: Metso Power Oy
- construction of biomass feeding installation:
  - design and construction-building works are in progress, contractor: Mostostal Warszawa
- construction of WR 40 boiler
  - design works are in progress, contractor: SEFAKO

# Implementation of investment program (2)



### Elektrownia Stalowa Wola – new CCGT unit

- Capacity 400 MW<sub>e</sub> / 240 MW<sub>t</sub>
- Project launch 2010; scheduled commissioning H1 2015

Status as of 31 March 2012:

 General contractor selected – Abener Energia
 Update: On 26 April the agreement with the general contractor of the unit -Abener Energia - was signed

### Elektrociepłownia Katowice – new CCGT unit

- Capacity 135 MW<sub>e</sub> / 90 MW<sub>t</sub>
- Scheduled commissioning H2 2015

#### Status as of 31 March 2012:

Contractor selection is ongoing

### Elektrownia Blachownia – new gas unit

- Capacity approx. 850 MW<sub>e</sub>
- Scheduled commissioning 2016

Status as of 31 March 2012:

 Activities are underway aimed at the establishment of a special purpose vehicle and obtaining a permit for concentration (approval of the European Commission on the establishment of the joint undertaking)

### Wind Farm – Wicko

- Capacity 40 MW<sub>e</sub>
- Scheduled commissioning 2013

Status as of 31 March 2012:

The process of selection of the contractor is underway.
 Update: on 7 May the best offer was selected, submitted by consortium of companies: Aldesa Nowa Energia and Aldesa Construcciones

### Wind Farm – Marszewo

- Capacity 100 MW<sub>e</sub>
- Scheduled commissioning 2014

Status as of 31 March 2012:

- On 19 January agreement with general contractor was signed – consortium of companies: Iberdrola Engineering and Construction Poland (leader) and Iberdrola Ingenieria Y Construction, on the construction of Marszewo I and II wind farm of 82 MW capacity
- Organizational and legal procedures aimed at takeover of the construction site by the contractor and commencement of the construction works are underway

# Implementation of investment program (3)



### Elektrownia Jaworzno III - modernisation of boilers

- Scope adjustment of six OP-650k type boilers to the standards of lower emission of nitrogen oxides which will be binding in Poland starting from 2018
- Commencement of the works July 2010; scheduled completion January 2016

Status as of 31 March 2012:

- Optimisation works at unit No. 2 are completed. Works at unit No. 4 are in progress.
- General contractor: consortium Fortum Power and Heat (consortium leader) and Zakłady Remontowe Energetyki Katowice (consortium member)

### Elektrownia Łaziska – modernisation of boilers

- Scope adjustment of four OP-650k type boilers to the standards of lower emission of nitrogen oxides which will be binding in Poland starting from 2018
- Commencement of the works July 2010; scheduled completion January 2015

Status as of 31 March 2012:

- Completion of the modernisation works and the works connected with the construction of combustion gases dentrification installation at Unit No. 12 – adjustment operation is in progress
- General contractor: STRABAG

### Elektrownia Jaworzno III – new coal-fired unit

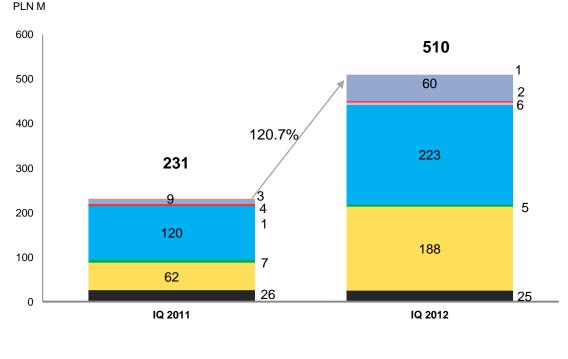
- Capacity 910 MW<sub>e</sub>
- Scheduled commissioning 2016

Status as of 31 March 2012:

- The process of selection of contractor and contract engineer is underway
- On 28 February, invitations to submit offers were sent, including the final Terms of Reference to the tender proceeding to select the Contractor. Invitations were sent to 5 bidders participating in the tender. Deadline for submission of offers: 29 June this year

## **Capital expenditures**



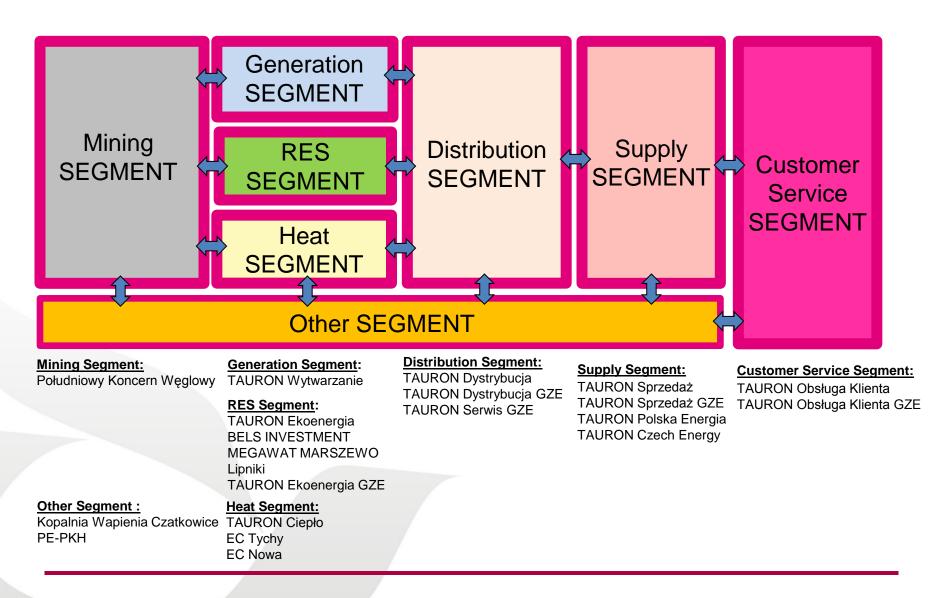


Mining Generation RES Distribution Sales Customer Service Heat Other

- In Q1 2012, TAURON Group spent over PLN 0.5 bn for investment, about 81% of which were expenditures in the Generation and Distribution lines of business. As compared to the corresponding period of 2011 the increase of CAPEX was about PLN 0.3 bn, mainly in the Generation and Distribution segments
- Strong CAPEX growth in Generation (by approx. PLN 0.13 bn) is due to the continued implementation of the investment projects connected with capacity restoration (50 MW at EC Bielsko as well as 50 MW RES at Elektrownia Jaworzno PLN 0.09 bn) as well as other expenditures (including mainly NOx installations at Elektrownia Jaworzno and Łaziska as well as the biomass installation at K-10 boiler at ESW approx. PLN 0.05 bn)
- CAPEX increase in Distribution (by approx. PLN 0.1 bn) is due mainly to larger expenditures on modernisation and restoration of existing grid assets

### New reporting model







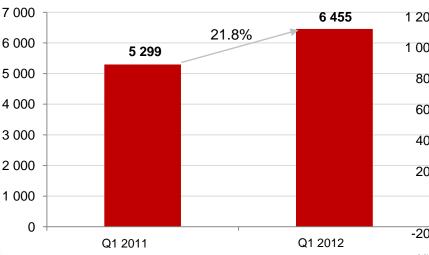
	Q1 2011	Q1 2012	Change % (Q1 2012/ Q1 2011)
Production of commercial coal (million t)	1.15	1.21	+ 5.2%
Electric energy generation (net production) (TWh)	5.90	4.97	-15.8%
including: from renewable sources	0.23	0.30	30.4%
Heat Generation (PJ)	7.36	7.80	6%
Distribution (TWh)	9.89	12.70	28.4%
Electricity supply (TWh)	9.24	11.79	27.6%
Number of customers - Distribution	4,125	5,284	28.1%

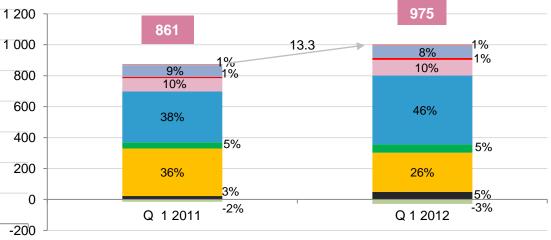
## Financial Results for Q1 2012



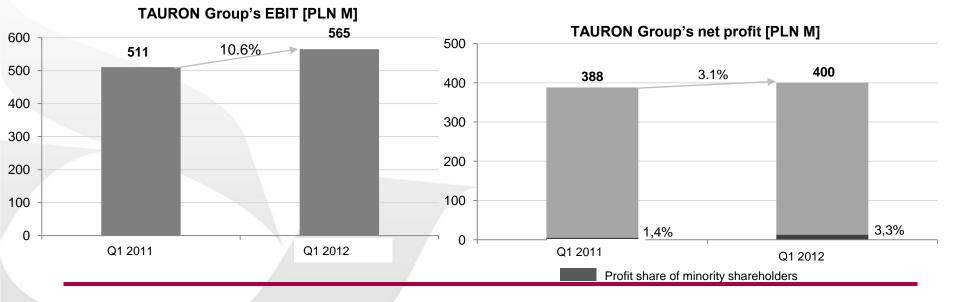
TAURON Group's Revenue [PLN M]

TAURON Group's EBITDA by segments [PLN M]; EBITDA structure





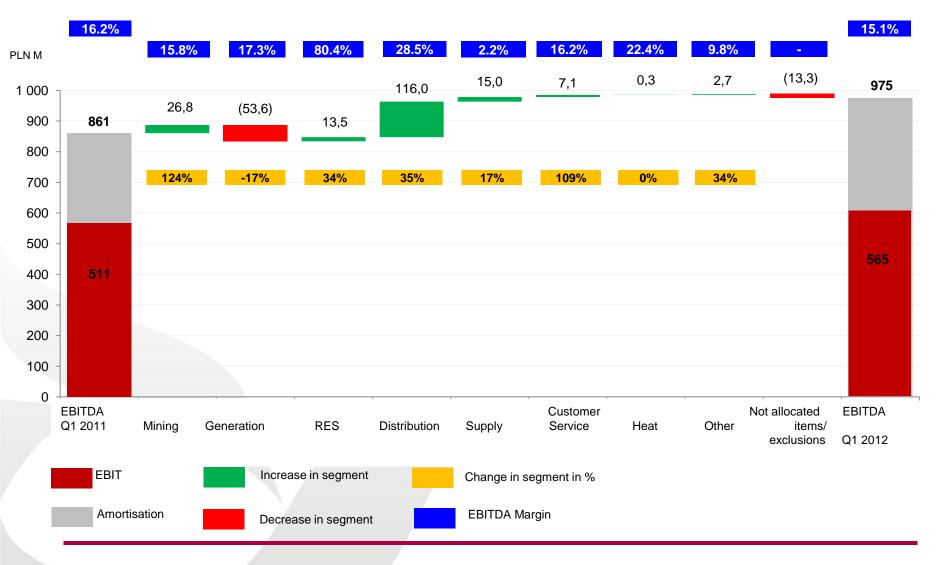
Mining Generation RES Distribution Sales Customer Service Heat Other Not allocated/exclusions



# Financial Results for Q1 2012 – EBITDA



Change in EBITDA by segments [PLN M and %]; EBITDA margin by segments [%]



## Changes in cash flow level



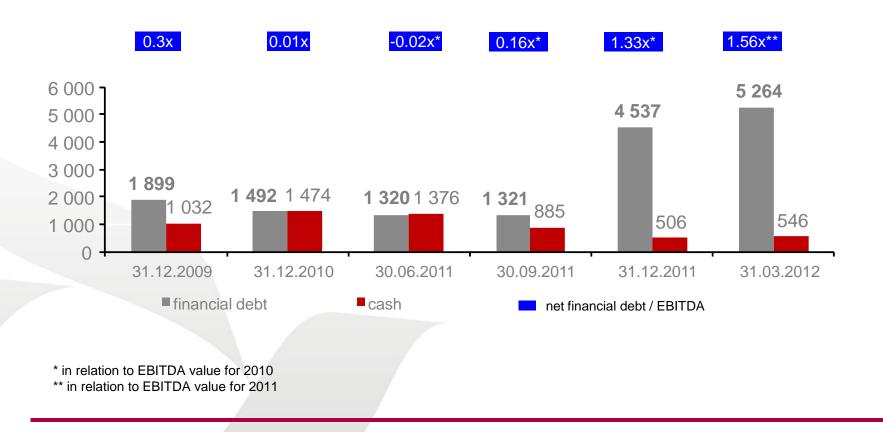
### Cash flow – changes in Q1 2012



### Group's debt level

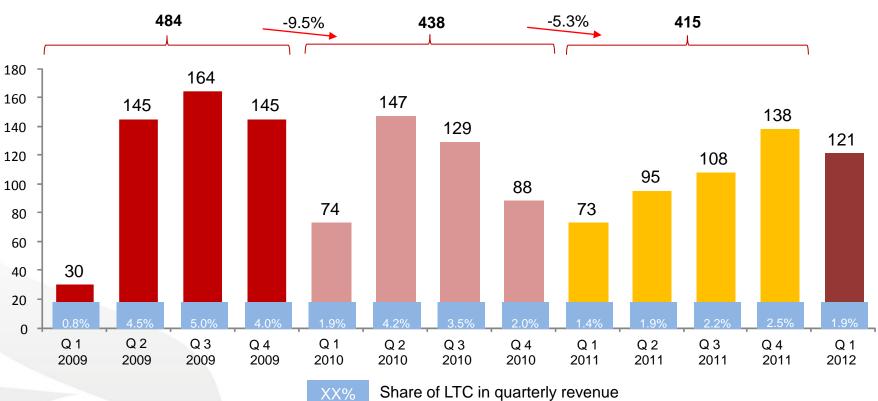


Net financial debt (PLN M), net financial debt/EBITDA (x)



# Compensation due to termination of Long-Term Contracts





**Revenue due to compensation** 

Share of LTC in quarterly revenue

**Revenue due to** compensation consists of:

- Indexed advance payments under the Act on LTC Termination
- Annual adjustments of these advance payments
- Part of the final adjustment

## Prime costs structure



PLN M 2,612 2,486 3 000 5.1% 1% 1% 2 500 29% 24% 2 0 0 0 8% 6% 1 500 21% 24% 1 000 31% 27% 500 14% 12% 0 Q1 2011 Q1 2012 Amortisation and impairment Consumption of energy and materials Outsourced services Taxes and fees Costs of employee benefits Other prime costs

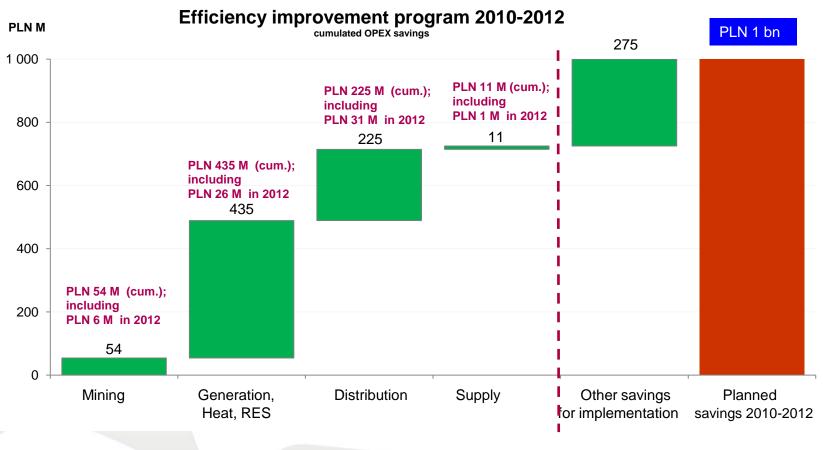
Cost increase in Q1 2012 applies mainly to:

- costs of employees' benefits recognising of provision for severance payments for employees leaving the company due to implementation of labour costs reduction programs
- external services, especially due to increased cost of distribution and repair services

Similar to Q1 2011, in Q1 2012, variable costs constituted approx. 46%, and fixed costs constituted 54% of the total costs

# Implementation of efficiency improvement program





### 31/03/2012

Voluntary Redundancy Program – as of the end of Q1 2012, 1907 persons joined the program (since its launch), among which employment contracts were terminated with 62 persons in 2012 (in total, since the program launch: 1739 persons). Savings resulting from redundancies, decreased by costs incurred to gain savings, are included in the amounts presented in individual segments

# Key directions for development and growth



### Group's Value Increase

- Continued process of integration with GZE Group companies
- Achievement of synergies due to integration of segments
- Completing the first cost efficiency improvement program and commencement of another one
- Increased investment, particularly in the Generation segment

### **Fund raising**

- Obtaining of preferential funding from EBI/EBOiR for projects in Distribution and Generation segments
- Obtaining of preferential financing/ subsidies from the EU funds and environmental funds (NFOŚiGW and WFOŚiGW)
- Continued optimisation of the funding used



# Thank You – Q&A



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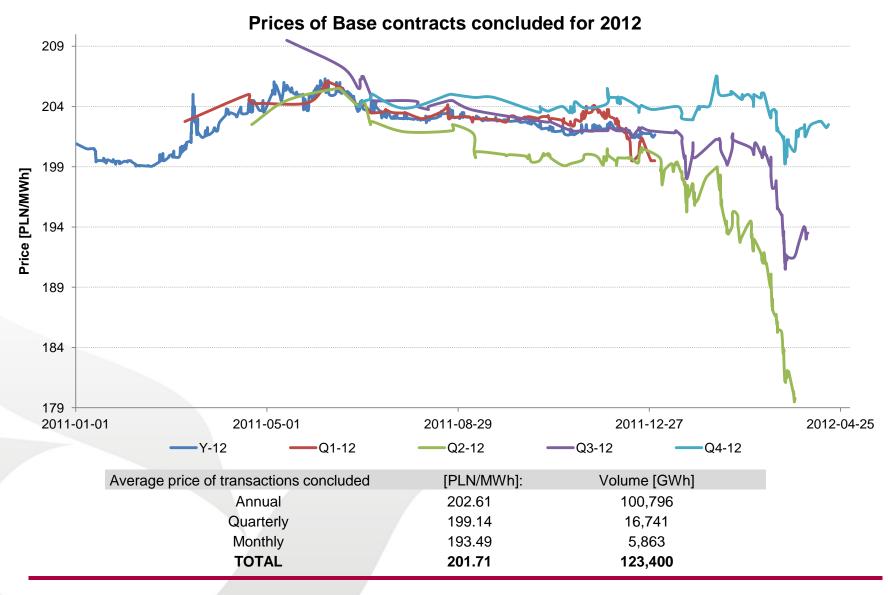
Magdalena Wilczek <u>magdalena.wilczek@tauron-pe.pl</u> tel. + 48 32 774 25 38



# Additional Information

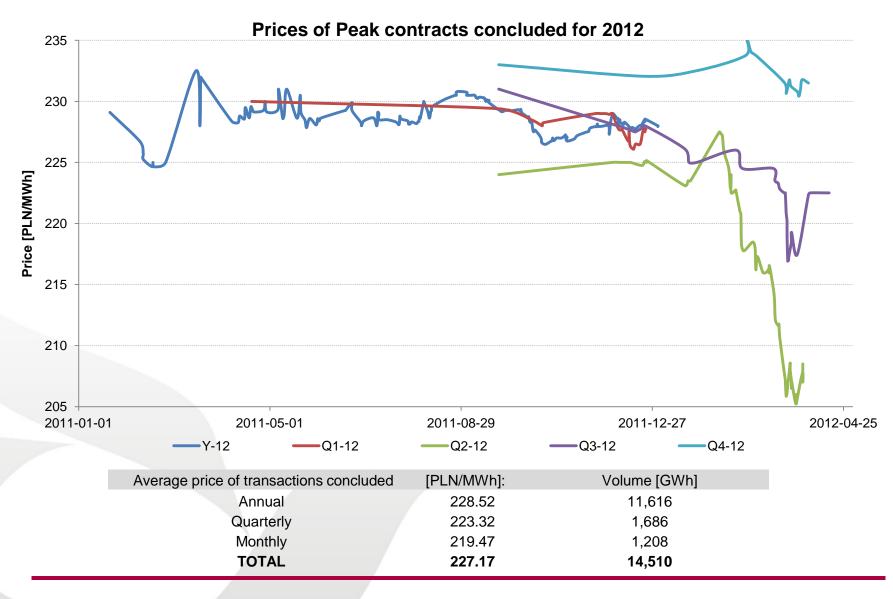
## BASE transactions for 2012





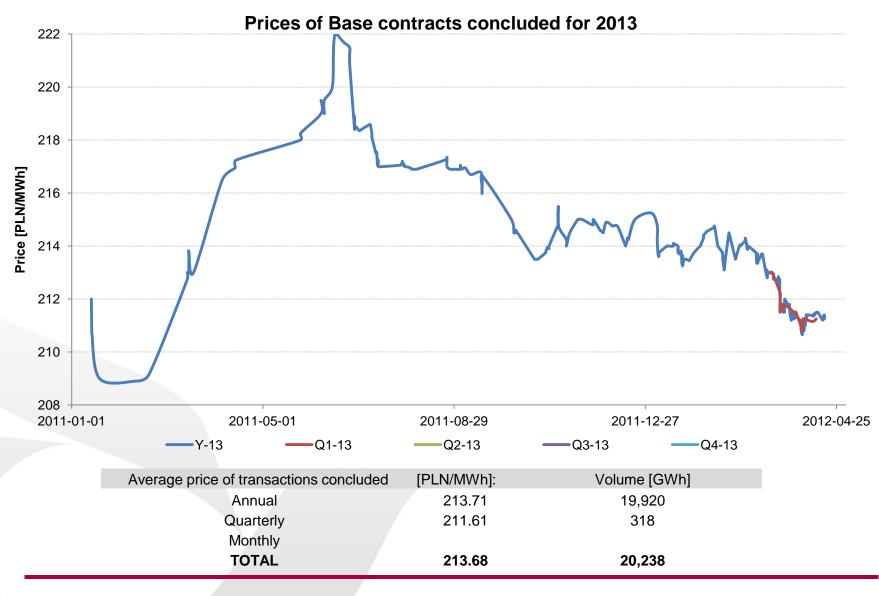
## PEAK transactions for 2012





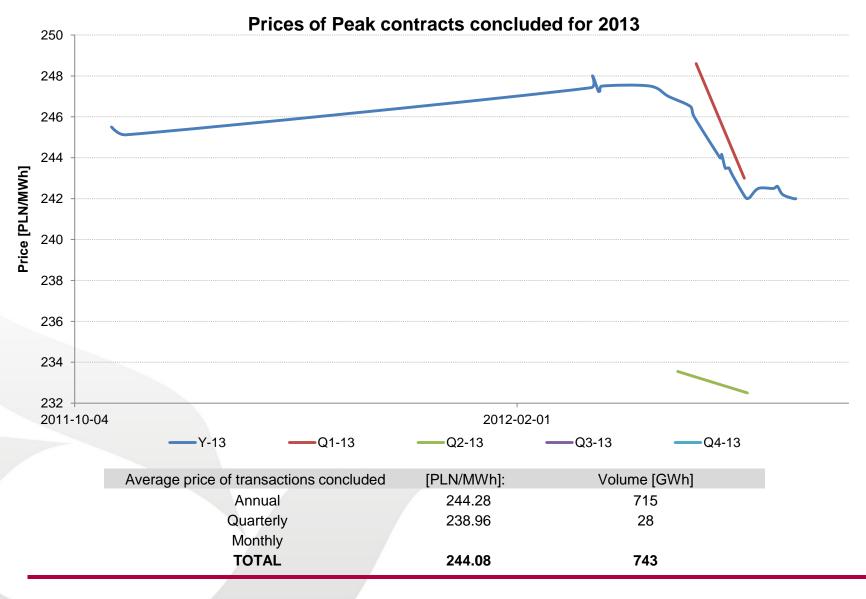
## **BASE transactions for 2013**





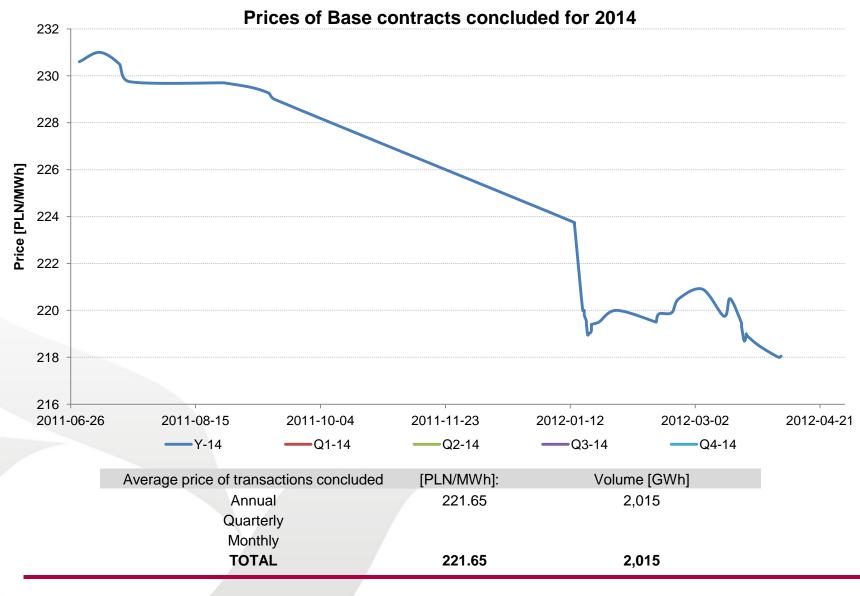
## **PEAK transactions for 2013**





## **BASE transactions for 2014**

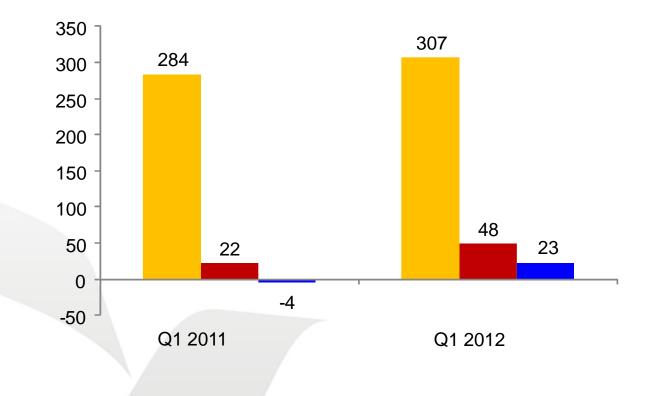




# Mining – key financial data

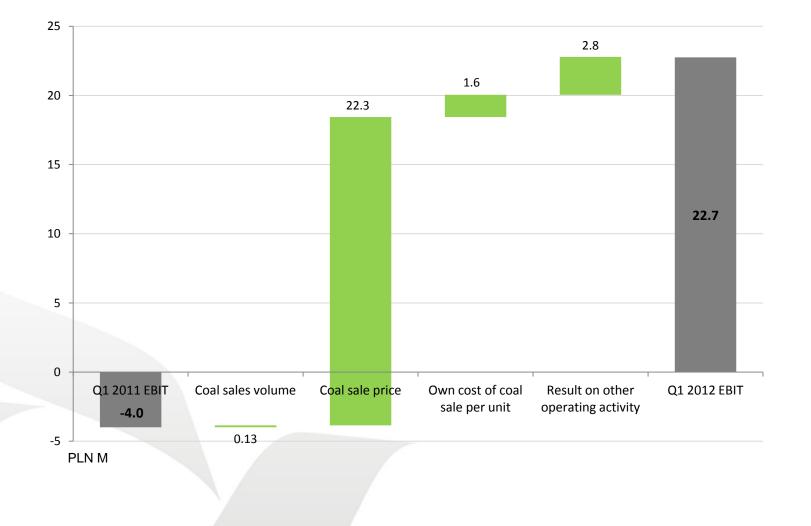


Change: Revenue EBITDA EBIT in segment (in PLN M )



## Mining – EBIT bridge

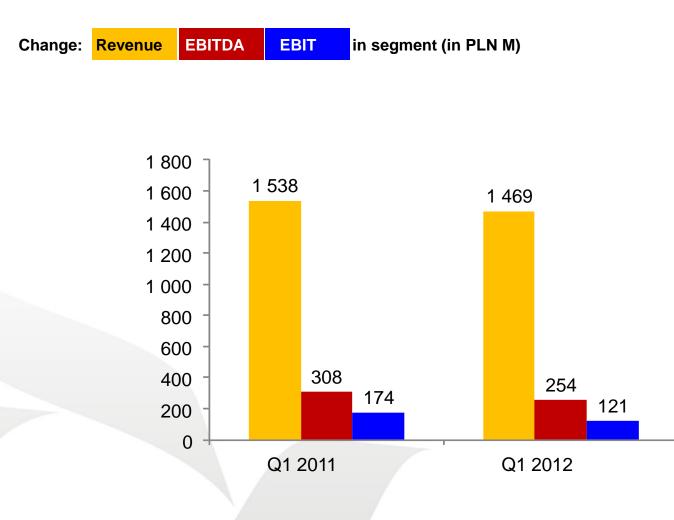




\* Volume of coal sales increased by 0.7% YoY, while production of commercial coal increased by 5.4%, which will result in growth of sales in the subsequent months

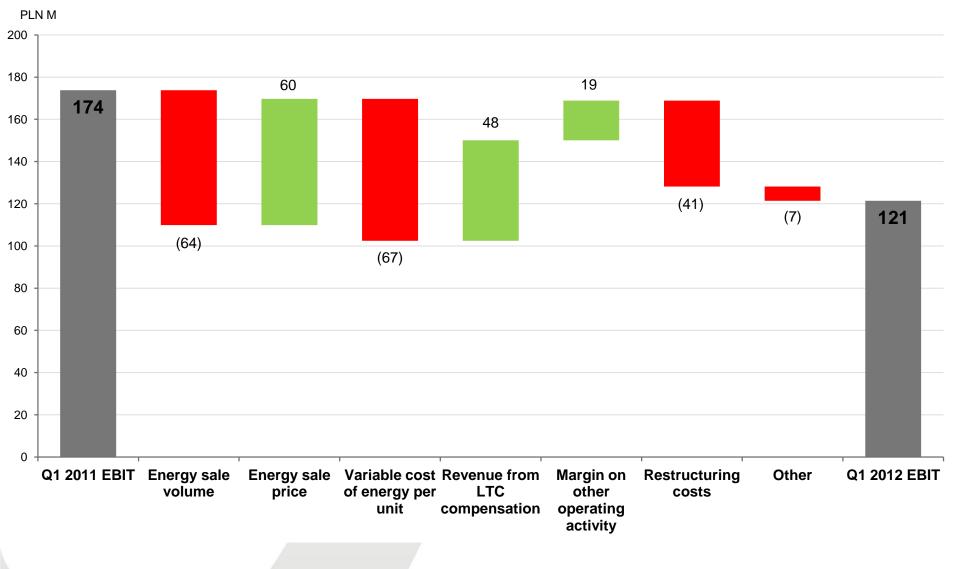
# Generation from conventional sources – key financial data





# Generation – EBIT bridge

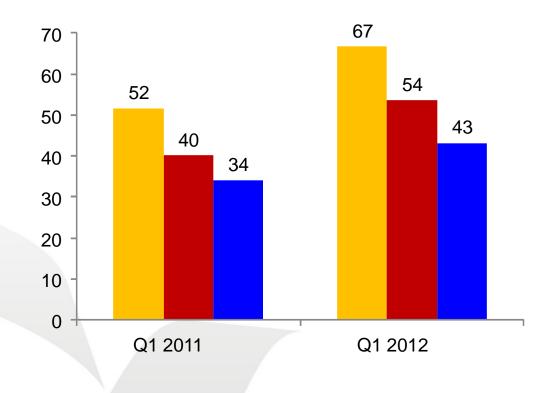




# Generation from renewable sources – key financial data

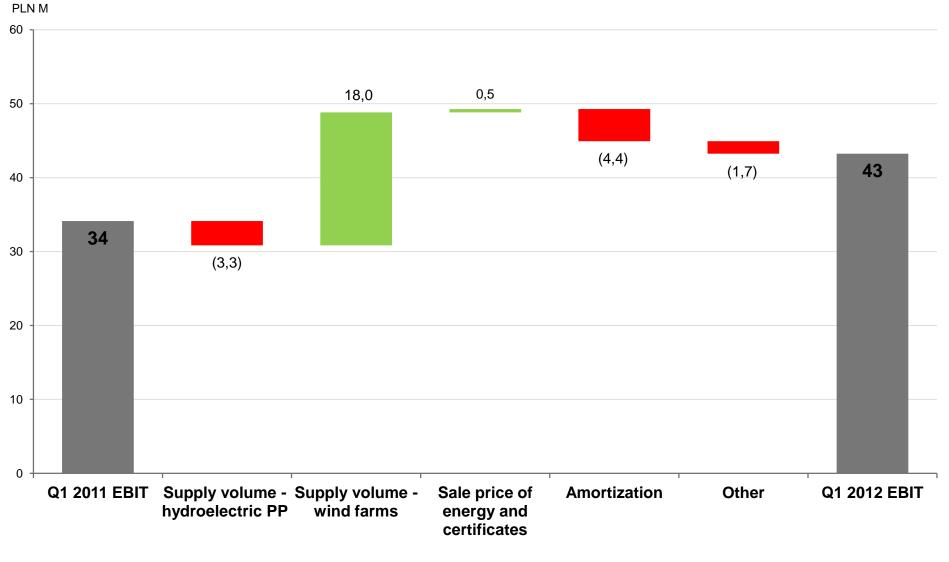






# RES – EBIT bridge

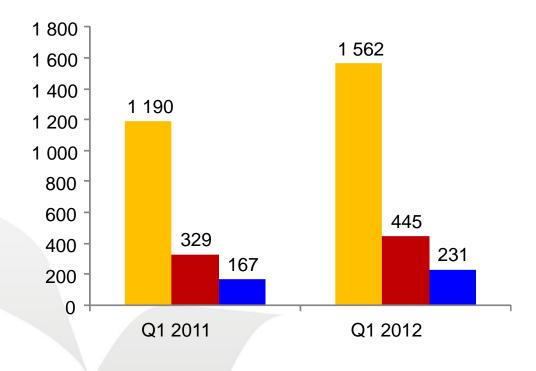




# Distribution – key financial data



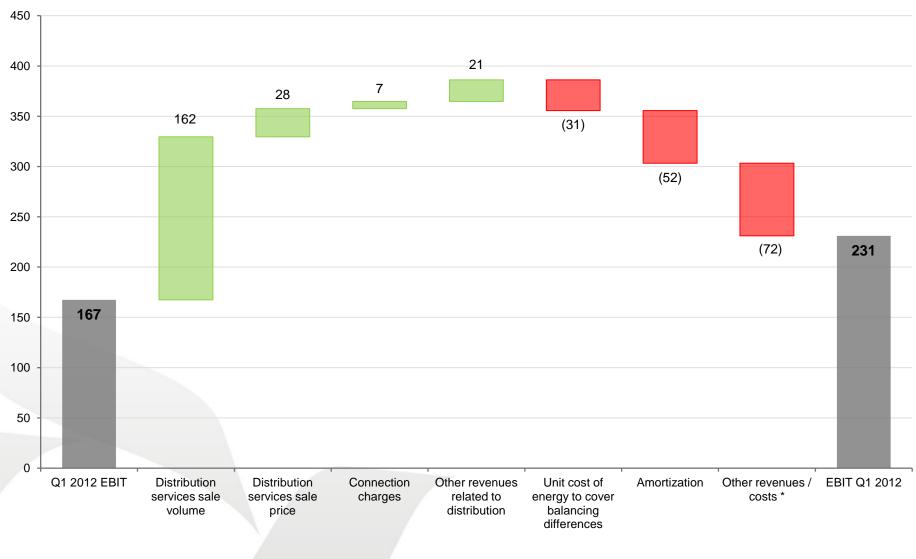




# Distribution – EBIT bridge





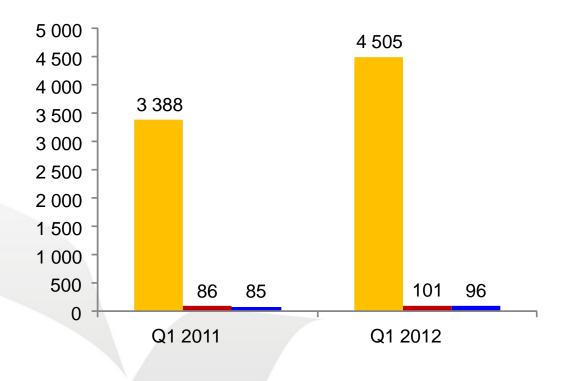


\* include mainly fixed costs of the GZE distribution area

## Sales – key financial data



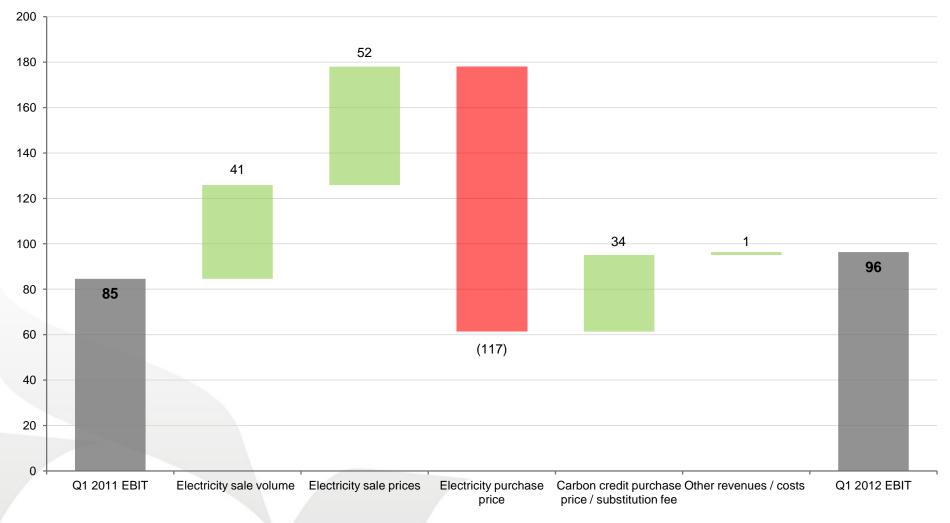
Change: Revenue EBITDA EBIT in segment (in PLN M)



# Sales – EBIT bridge



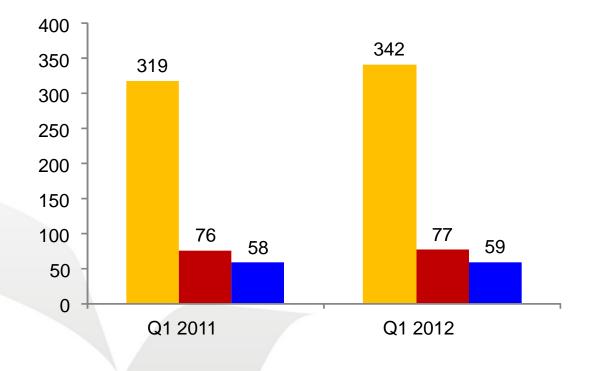
PLN M



## Heat – key financial data



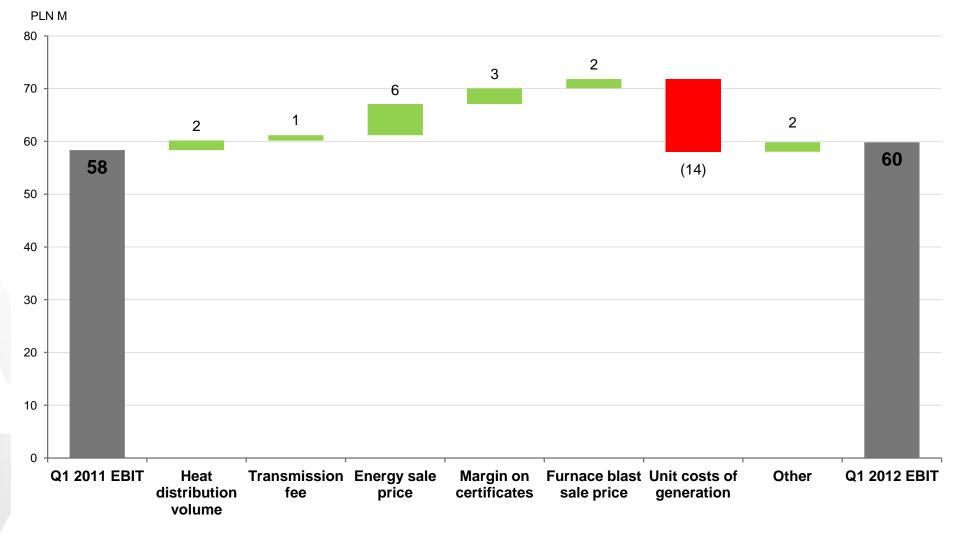
Change: Revenue EBITDA EBIT in segment (in PLN M)



37

## Heat – EBIT bridge

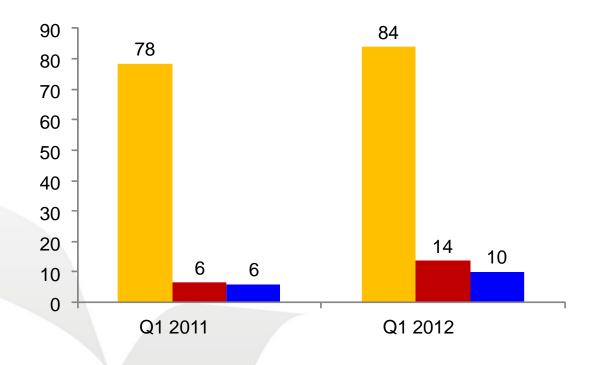




# Customer Service – key financial data







## Other – key financial data



Change: Revenue EBITDA EBIT in segment (in PLN M)

