

Costs and Benefits Roll-out

Johannes Wieser, Thüga AG

Brussels, 08 October 2010

Thüga represents the core of the largest public Energy Network in Germany

Thüga Portfolio



Thüga Business activity

- Shareholdings in approx. 90 public utilities
 - Minority shareholdings with Thüga providing Expert advice
- Value-increasing monitoring through Thüga
 - Transparency with regard to the quality of the capital management and risks
 - Moderation of the cooperation
 - Performing benchmarks
- Direct energy supply
- Shared services

DIE ENERGIEGRUP

Key figures of the Thüga group

	Sales volume:	€ 15.3 billion
	Sales volume.	£ 15.5 DIIION
•	Investments:	€ 2.4 billion
•	Gas sales:	123.7 billion kWh
•	Electricity sales:	36.6 billion kWh
•	Gas customers:	2.2 million
•	Electricity customers:	3.1 million
•	Employees:	16,800

Johannes Wieser ERGEG Hearing, Brussels, 08 October 2010

Costs and Benefits

associated with different market roles

	Market Role	
Costs		
 investments in infrastructure operation of IT systems etc. 	grid operators	
Benefits		
e.g. •service-oriented/ bundled products	sales and distribution department (S&D)	
e.g. •transparency	customers	

Some benefits for S&D need changes referring to market rules.

As grid operators are strongly affected by regulatory framework conditions, costs for meters with basic functionalities have to be acknowledged by national regulatory authorities.



Roll-out

Referring to a smart meter roll-out solution the following aspects should be considered:

Cost/Benefit Analysis	 Specific national conditions/ market structures always have to be adequately taken into account. The focus should be on the most effective extent level of roll-out (electricity/gas) 	
Influence on Energy Efficiency	 electricity: achievable, with additional consulting services gas: uncertain referring to domestic customers 	
Need for Standards	 minimum standards prevent misdirected investments 	
Functionalities of the Meters	 basic features under regulation (regulated market design) additional features under competition (competitive market design) 	
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