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MINISTRY OF FOREIGN AFFAIRS
OF THE REPUBLIC OF LITHUANIA

OSCE KAZAKHSTAN 2010

Energy Security Conference

"Strengthening regional co-operation in Central Asia for promoting stable and reliable energy within Eurasia "

BEMIP: "the ecstasy" of new energy policy?

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Ambassador for Energy and Transport Policy Issues

4 May, 2010

Ashgabat


osce
KAZAKHSTAN 2010

Energy and transport changes will change everything (Modus Vivendi, industry, security…)



Energy + Transport = Globalization

Boeing 787 “Dreamliner” – Made in the world !

(95 % of Boeing 787 is **not** made in the US)

Energy and transport are closely interrelated

- Energy security – sans frontiere

and

- Transport security – sans frontiere

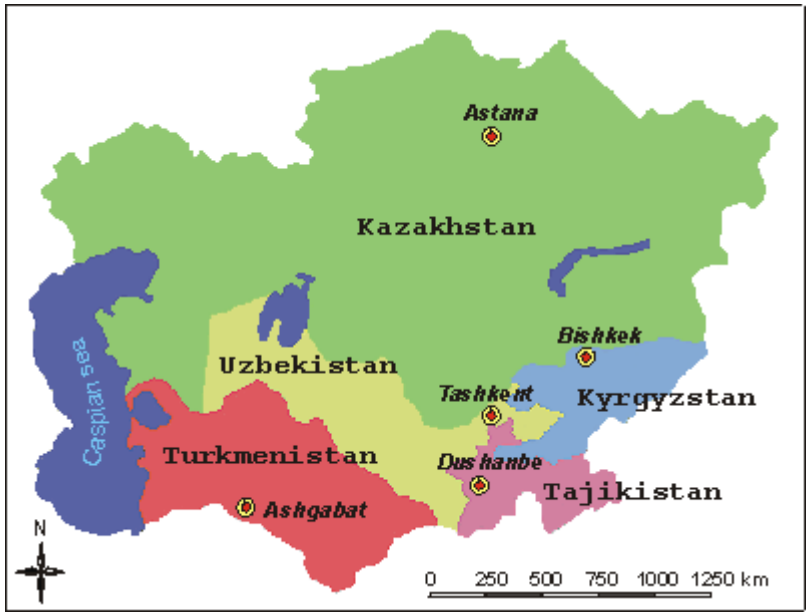


Energy security is a game, where losers know the rules and winners do not respect them



Five Central Asian Countries – four integrated problems

- Water resources
- Environmental issues
- Transport security
- Energy security



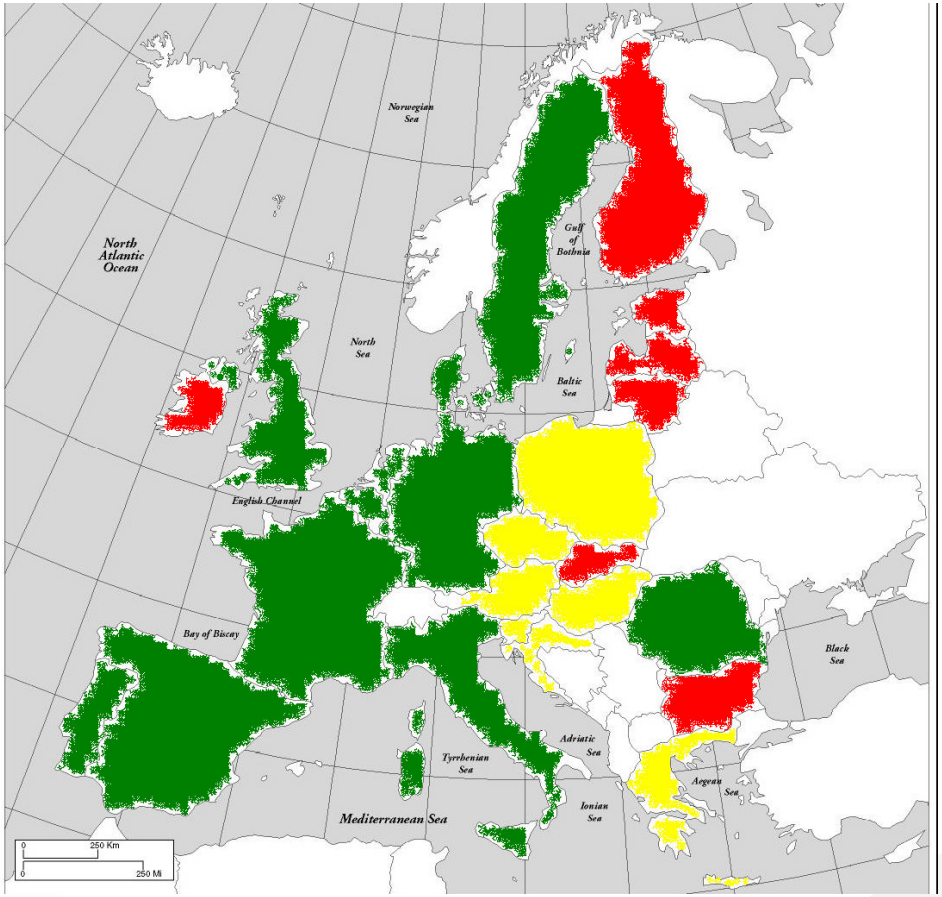
Solution – regional approach:

Win-Win

or

Wind-Wind scenario?

European energy security map
(Gas supply diversification map)



Dependency on single gas supplier:

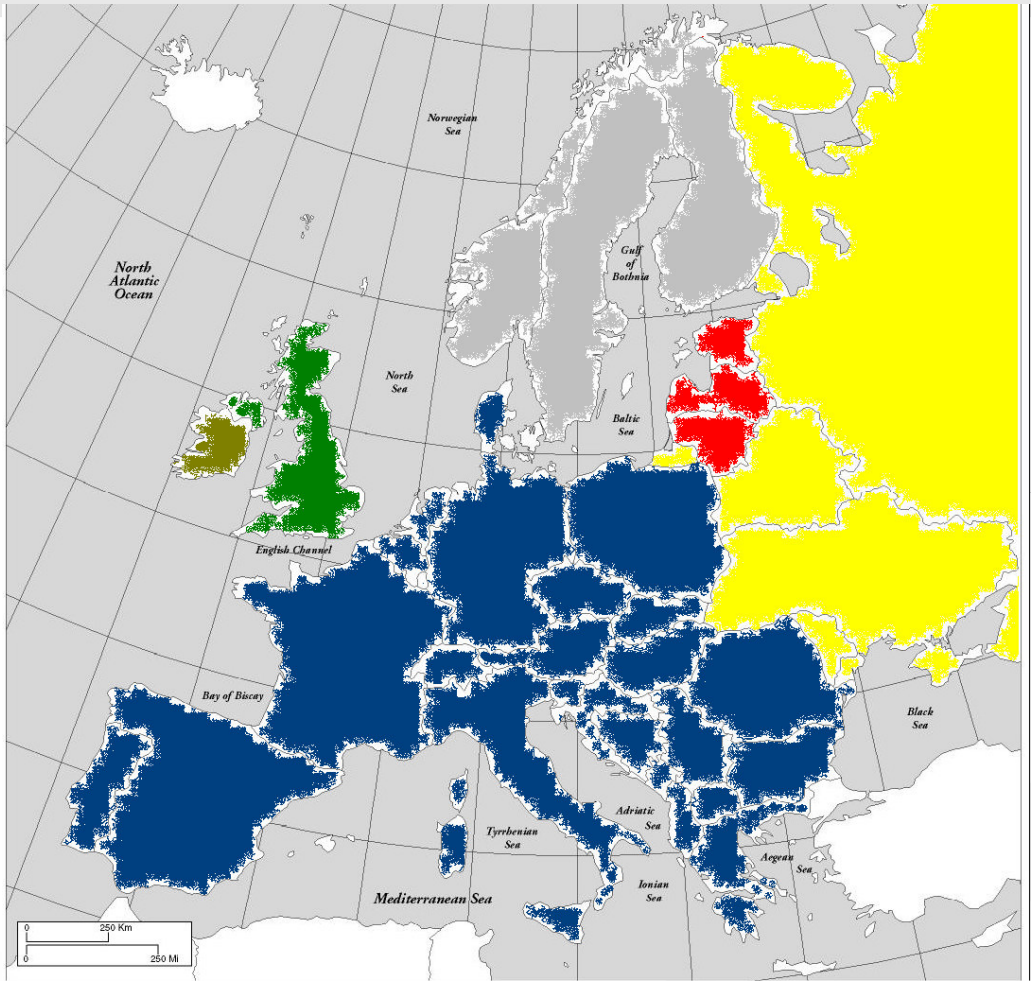
- < 50 %
- 50-80 %
- 80-100 %

Sources: BP Statistical Review of World Energy, June 2009
Europe's energy portal, 2009

POWER SYSTEMS IN EUROPE

ENTSO-E

- RG Continental Europe
- RG Nordic
- RG Baltic
- RG UK
- RG Ireland
- UPS/IPS



Source: European network of transmission system operators for electricity (ENTSO-E)

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Baltic Energy Market Interconnection Plan (BEMIP)

- NPP
- LNG terminals
- UGS
- Coal fired power plant
- Electricity lines & cables
- Gas pipelines



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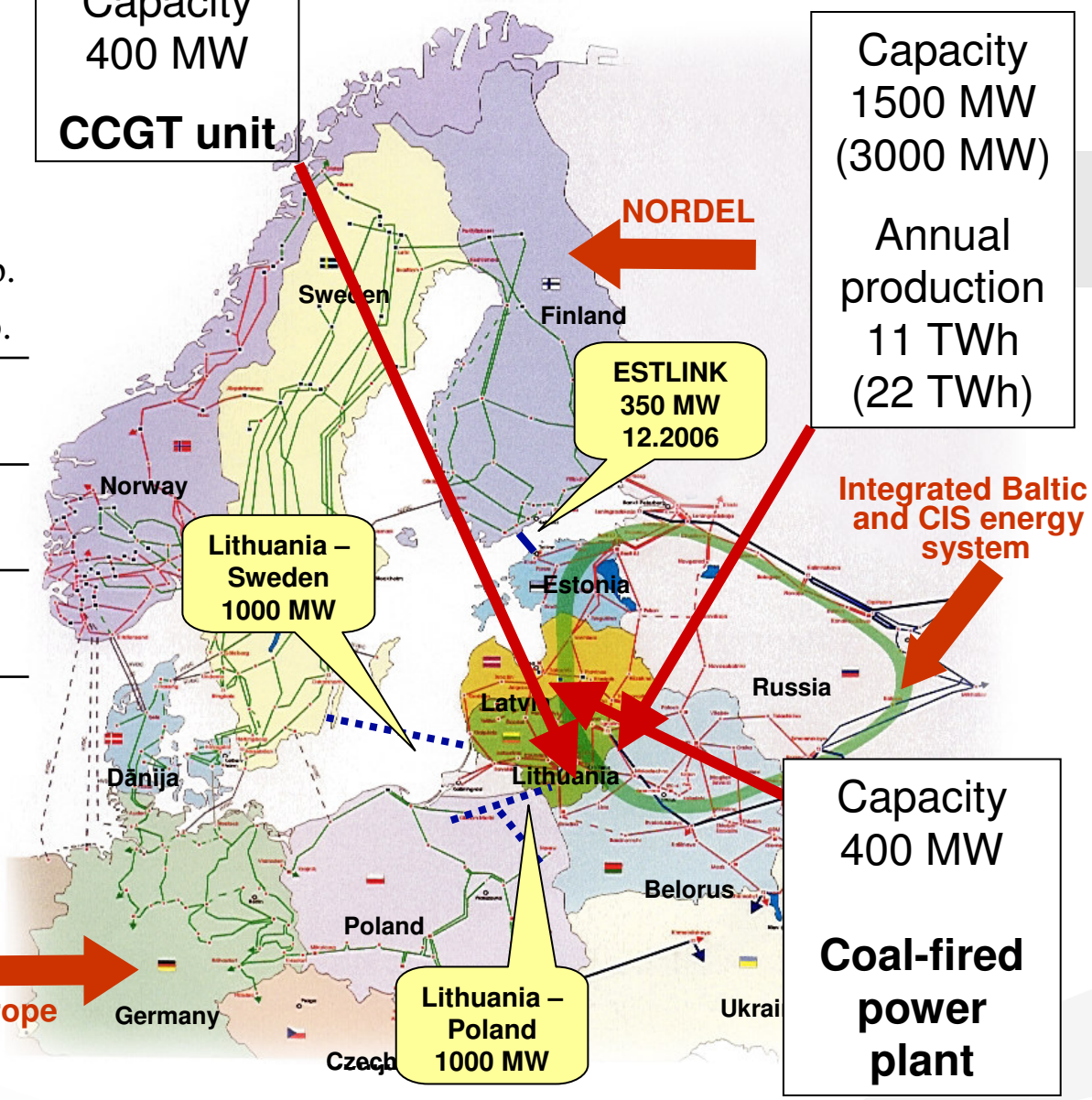
2010

	Produc-tion	Consumption	(+) Exp. (-) Imp.
LT	10,99	11,50	-0,51
LV	4,67	7,47	-2,80
EE	8,48	8,03	0,45
∑	24,14	27	**-2.60**

(in TWh)

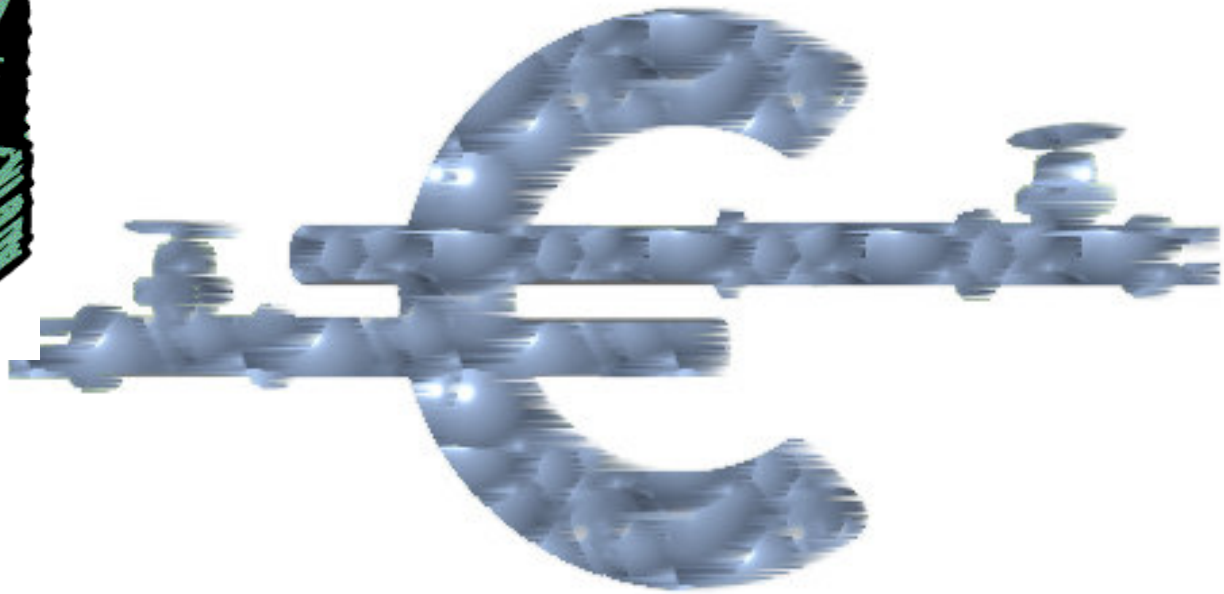
Import in 2015 → 5 TWh

ENTSO-E CENTRAL Europe

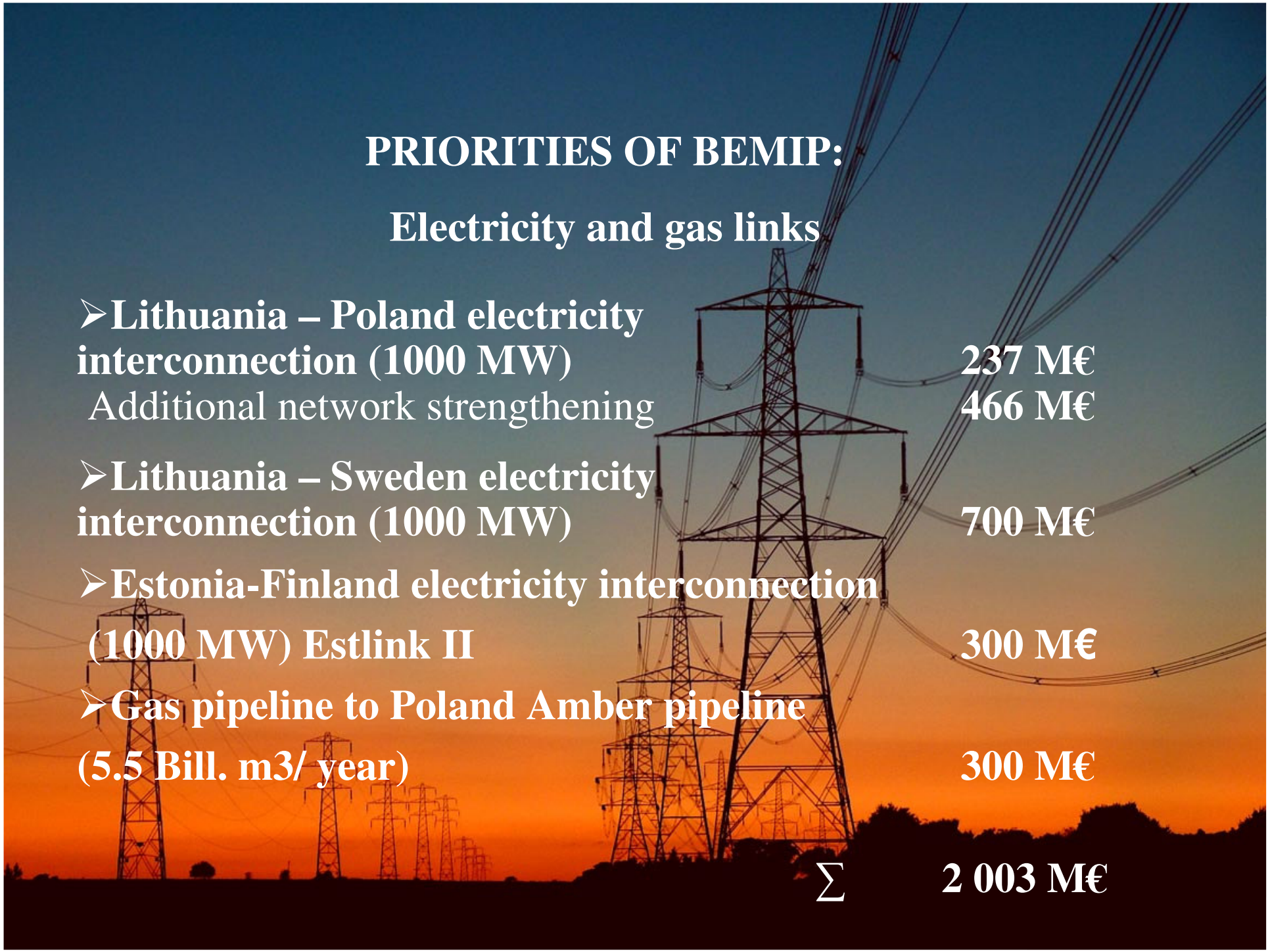


Energy security is not free of charge!





Energy security is national and common issues of OSCE.


PRIORITIES OF BEMIP:
Electricity and gas links
➢Lithuania – Poland electricity interconnection (1000 MW) 237 M€
Additional network strengthening 466 M€
➢Lithuania – Sweden electricity interconnection (1000 MW) 700 M€
➢Estonia-Finland electricity interconnection (1000 MW) Estlink II 300 M€
➢Gas pipeline to Poland Amber pipeline (5.5 Bill. m3/ year) 300 M€
∑ 2 003 M€


No chance without Nuclear !
But nuclear safety first!

No money, not funny!



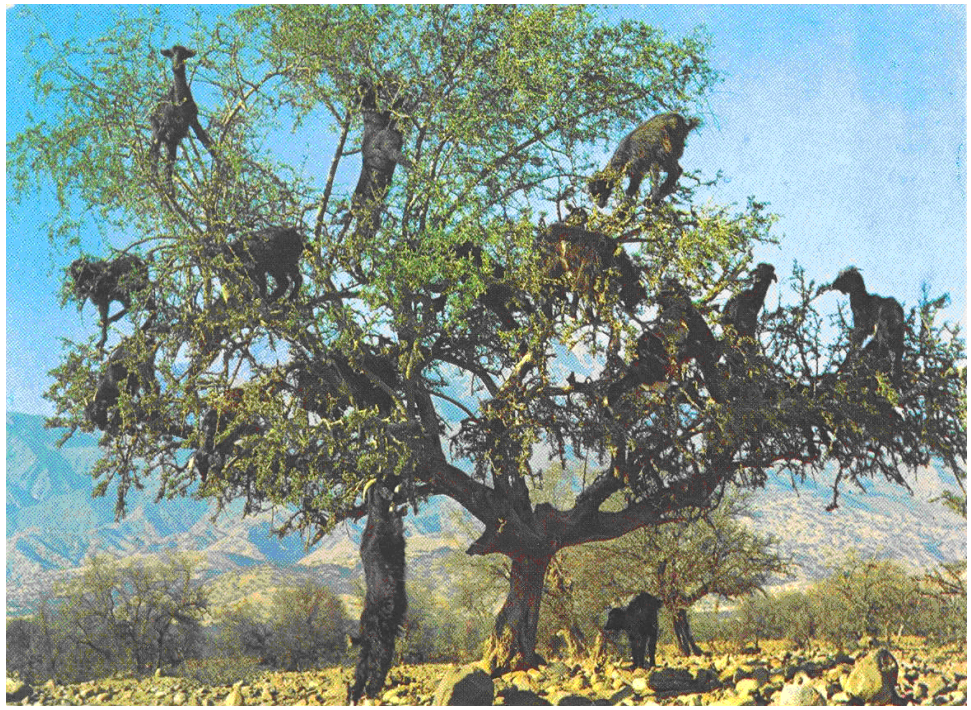


Revenues from energy security

- Prices of energy resources;
- Reducing energy demand;
- Optimization of consumption;
- Diversification energy sources;
- Competition among suppliers;
- Unification of energy supply rules.



International agreements on energy security



How much additional agreements we need to guarantee sustainable energy security?!

Energy security

- Energy security: is it an illusion to control everything by international rules, agreements and conventions?
- Energy security: a pragmatic issue or just a pragmatic imitation of implementation?
- Energy security is an abstract concept, but people's health, loss of money and time are much more painful cases!

The spirit of Helsinki is diminishing, it needs a substantial content

- Energy dialogue for energy dialogue versus energy cooperation for small but real steps forward?



OSCE will become wide known if:



20:20:20

Thank You for your kind attention!

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