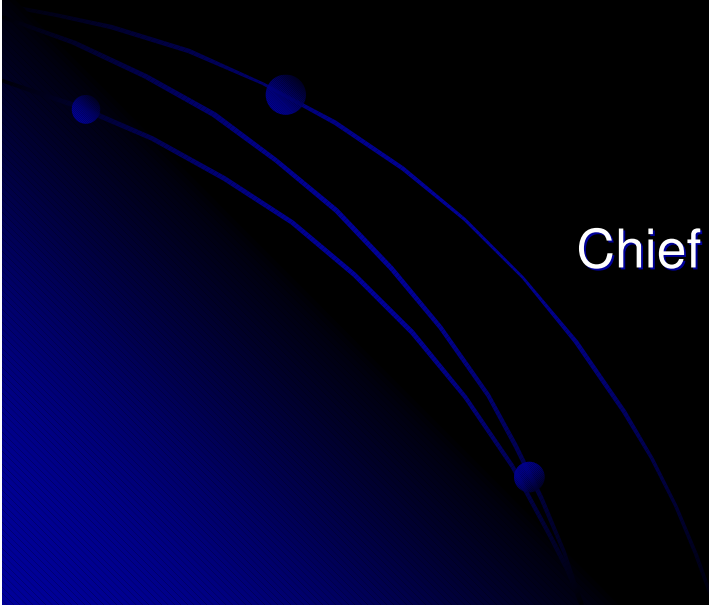


# Energy Security Action Plan for Poland

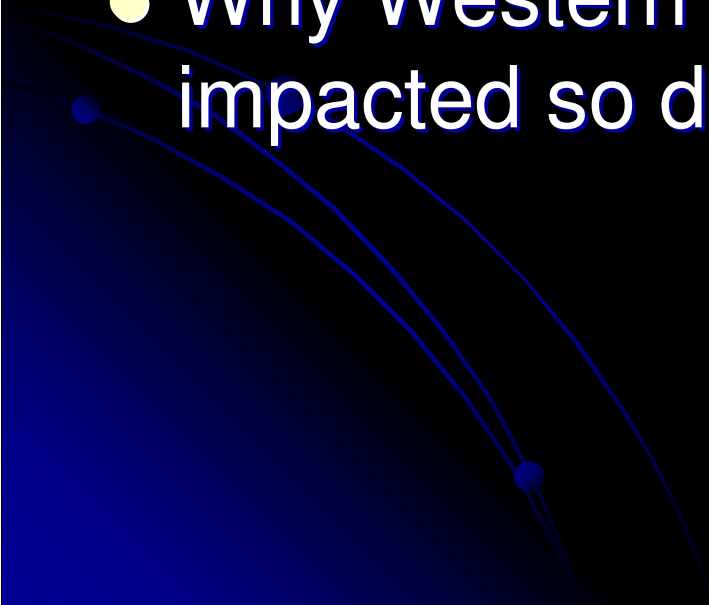
Maciej Wozniak

Chief Adviser to the Prime Minister of Poland  
on Energy Security Policy



# *Russia-Ukraine gas conflict*

## *– last call for action*

- 2004, 2006, 2007 and again 2008
  - Have we done our homework in Central Europe?
  - Why Western Europe hasn't been impacted so deeply as Central Europe?
- 

## *Central Europe - challenges*

- EU climate package implementation  
– will we manage to do that?
- EU III liberalisation package  
- stopped in half last step?
- EU energy security action plan  
- will we be ambitious and brave enough to learn on mistakes?

## *Central Europe - recommendations*

- interconnectors, storages, crises response mechanisms
  - if it was possible in oil, why not in gas?
- diversification of supplies
  - not only routes but also sources and producers!
- back to nuclear energy – no alternative
- energy efficiency – the cheapest energy is that saved one
- EU speaking with one voice

# *Energy Security Action Plan for Poland*

- announced by the Council of Ministers on 13 January 2009
- a homework done – couple of years of analyses and discussions
- climate package, liberalisation package and supplies crises – catalysators
- clearly indicate responsibilities and targets

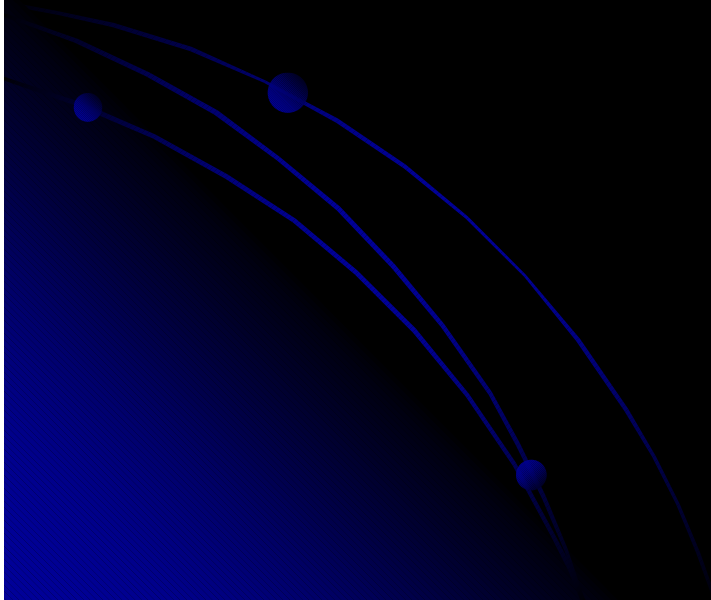
# *Energy Security Action Plan for Poland*

## **Nuclear Power Plants**

- at least two
- first one by 2020, second by 2023
- 2 x 3000 MW
- project controlled by state owned  
*PGE* company (power producer and trader, coal and lignity mines)
- possible involvement in Visagina Nuclear Power Plant in Lithuania

# *Energy Security Action Plan for Poland*

## **LNG terminal in Swinoujscie**





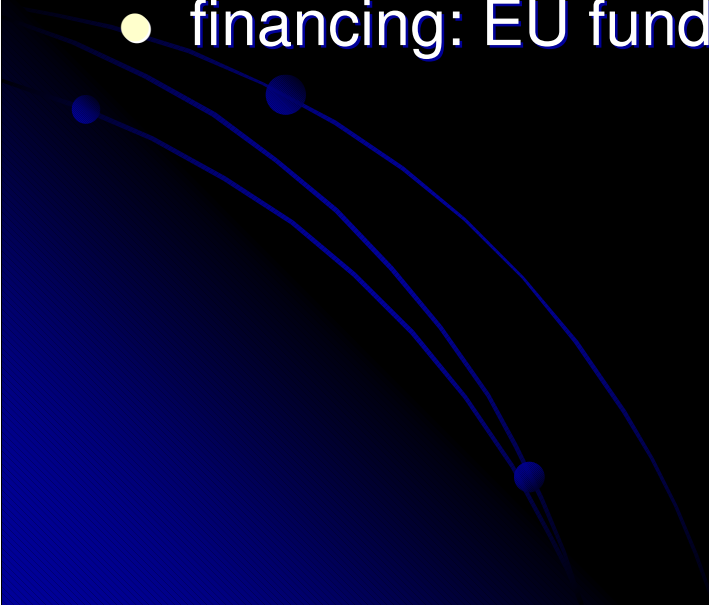
# *Energy Security Action Plan for Poland*

## **LNG terminal in Swinoujscie**

- 2,5 bcm/y initial capacity (25 % of present import)
- ready for improvement to 5 or 7,5 bcm rapidly
- first supplies since 4Q of 2013
- project fully controlled by state owned *Gaz-System* and *PLNG* companies (gas transmission system operators)
- negotiations with Qatar as LNG supplier – final phase – probably April 2009
- special regulation for speeding up procedures
- financing: credit + EU Recovery Plan (?)

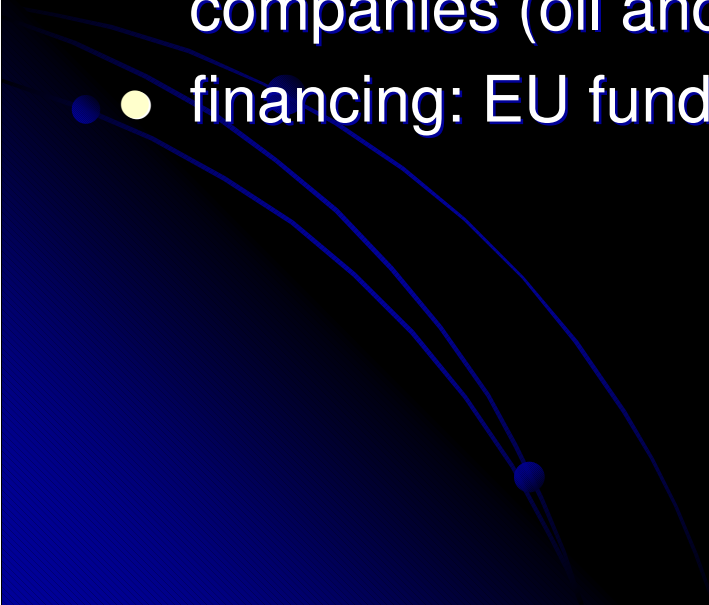
# *Energy Security Action Plan for Poland*

## **Gas storages**

- capacity increase: from 1,66 bcm to 3,80 bcm
  - operational by 2015
  - project fully controlled by partly privatised *PGNiG* company (polish oil and gas com.)
  - financing: EU funds plus own sources and credits
- 

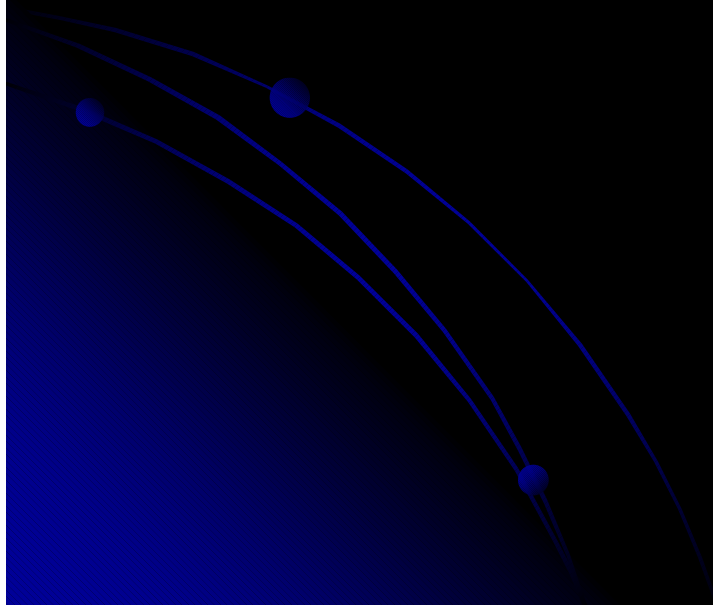
# *Energy Security Action Plan for Poland*

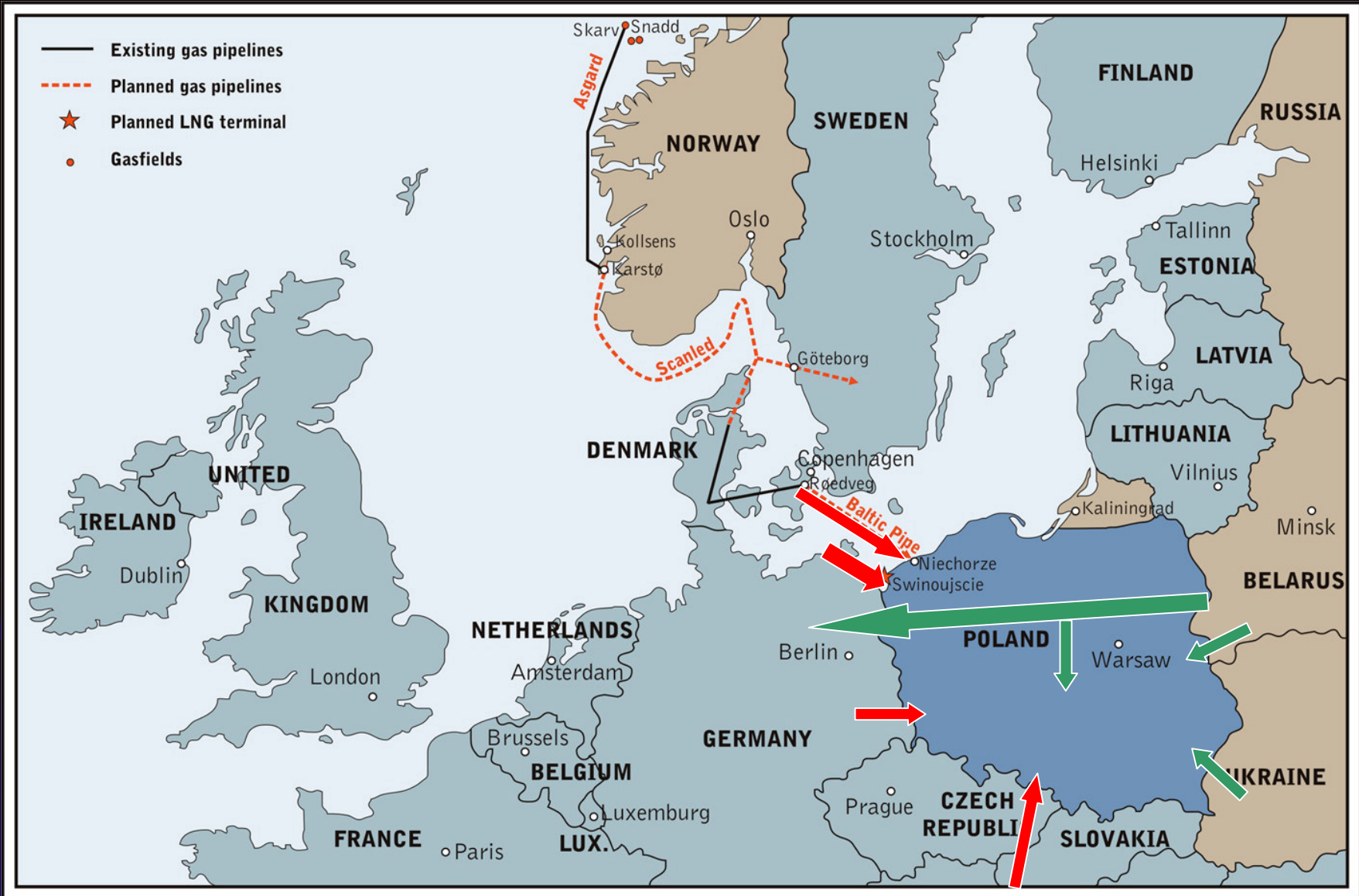
## **Oil salt cavern storages**

- new project possible total capacity 12 million tons of crude
  - Superb localisation at the coast of Baltic Sea
  - project fully controlled by state owned *PERN and OLPP* companies (oil and storages system operators)
  - financing: EU funds plus investors
- 

# *Energy Security Action Plan for Poland*

## **Gas interconnectors**





# *Energy Security Action Plan for Poland*

## **Gas interconnectors**

- with Germany – increase of capacity to 2 bcm/y
  - financing: own sources
- with Denmark and Norwegian North Sea fields (Scanled)
  - 3 bcm/y
  - financing: credits and EU Recovery Plan
- with Nabucco pipe through Baumgarten hub - 1,5 bcm/y

*Thank you.*

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