

The background features a geometric pattern of overlapping triangles in three colors: black, light blue, and lime green. The black triangles form a large V shape on the left side. The light blue triangles are located in the upper right and lower right areas. The lime green triangles are in the lower left and upper right areas.

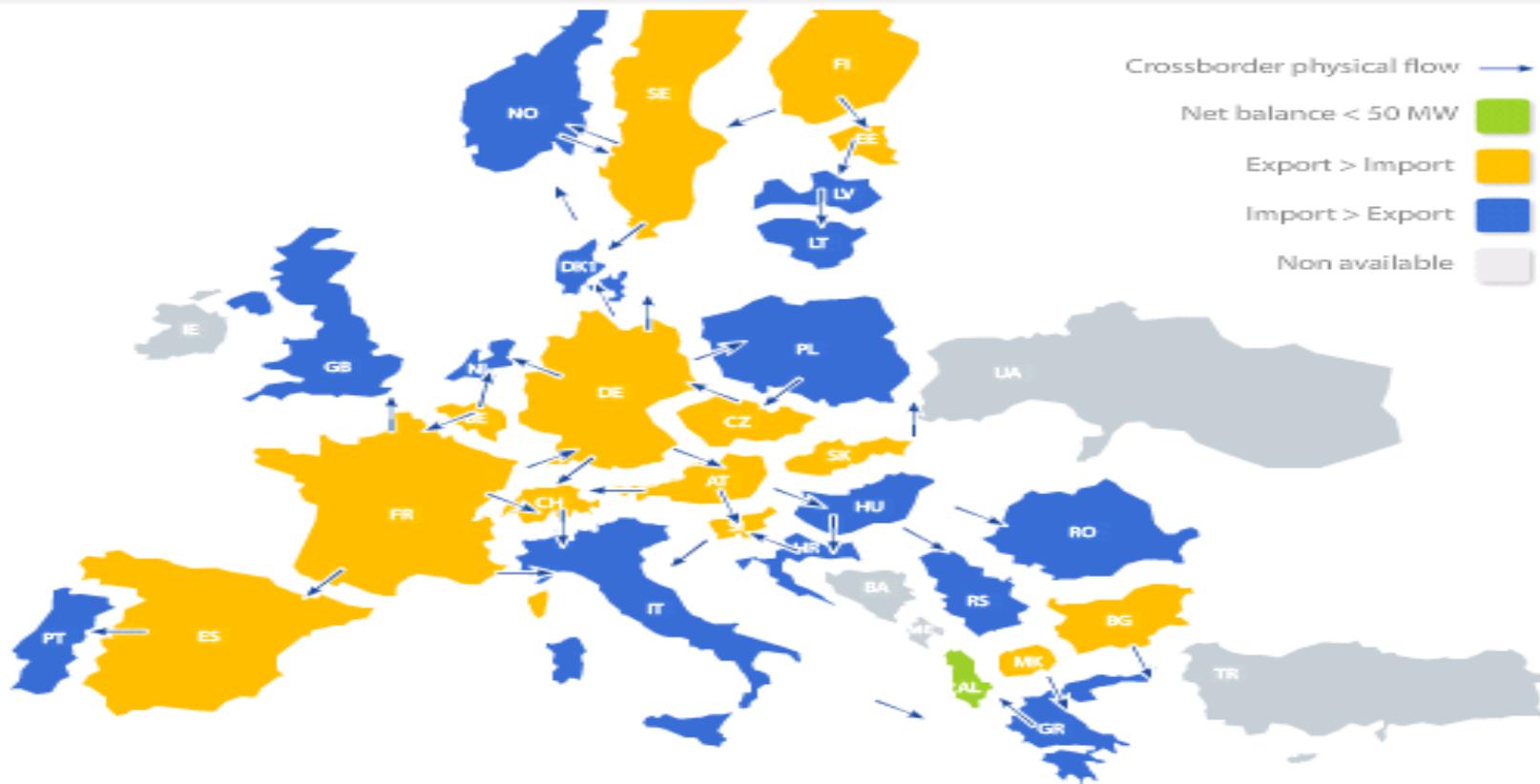
**VLERICK**

**BUSINESS  
SCHOOL**

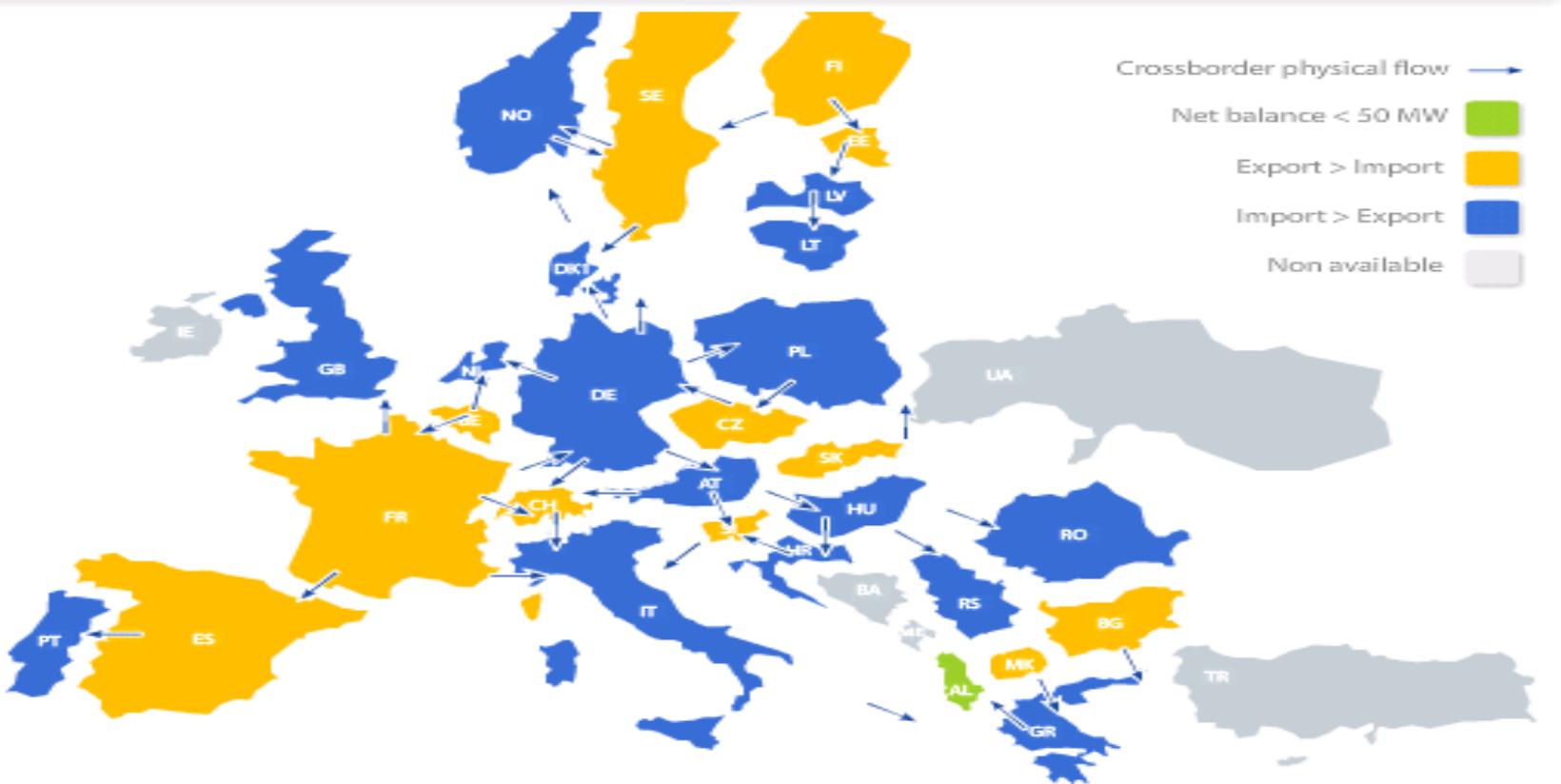
# 1.

## EUROPEAN ELECTRICITY MARKET INTEGRATION

# 19/06/09; 00.01 – 00.02



# 19/06/09; 00.02 – 00.03



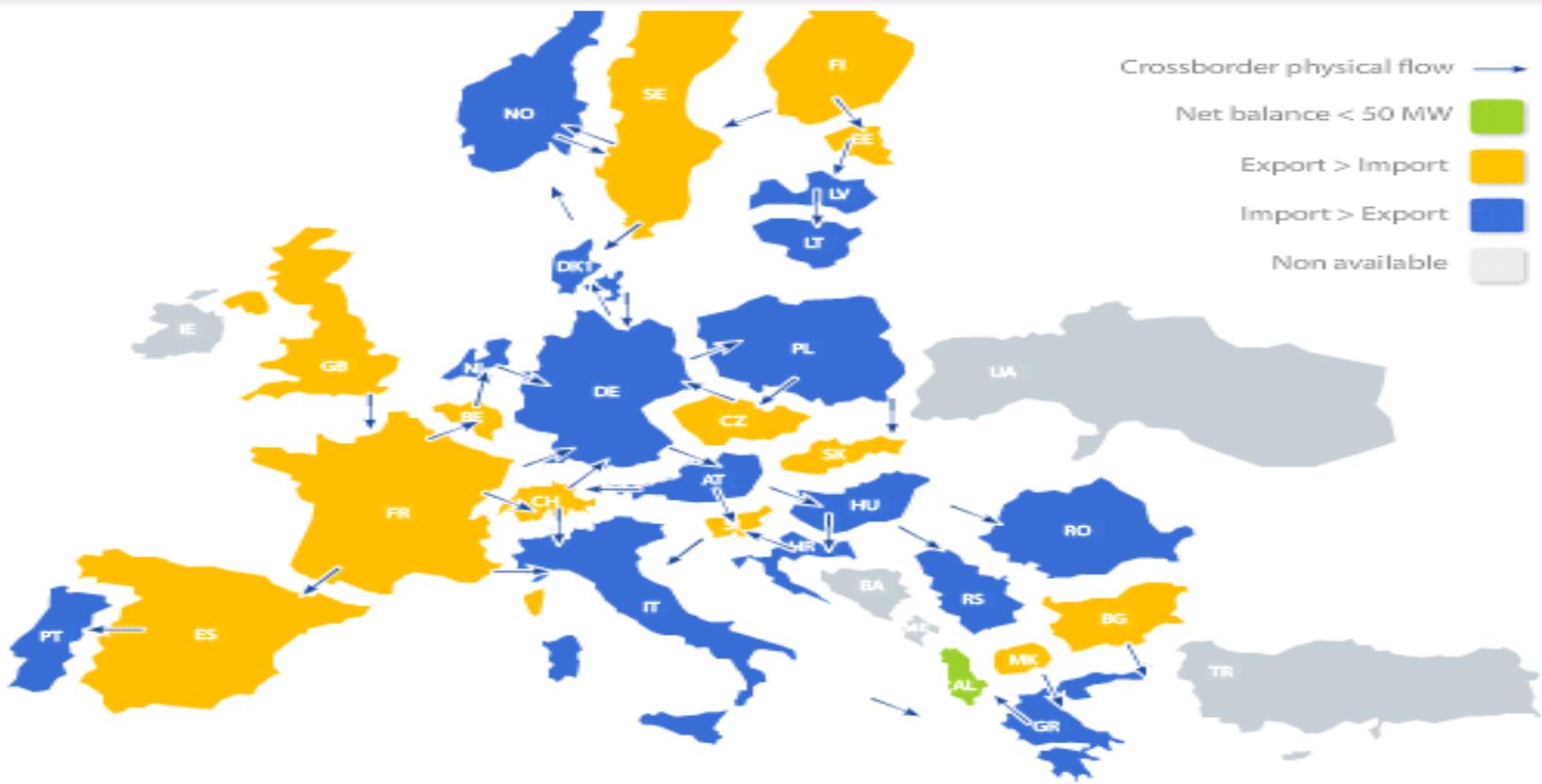
# 19/06/09; 00.03 – 00.04



# 19/06/09; 00.04 – 00.05



# 19/06/09; 00.05 – 00.06



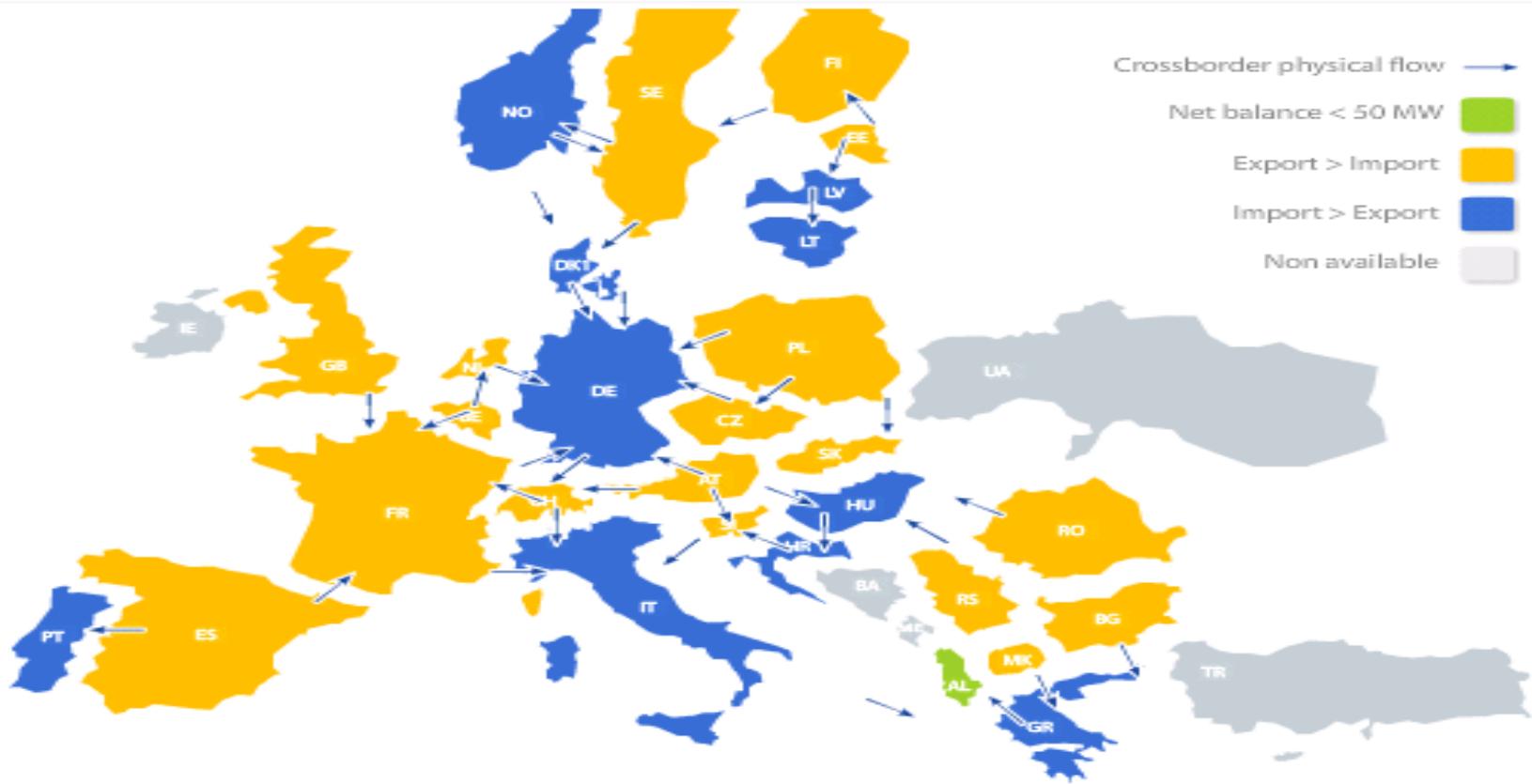
**19/06/09; 00.06 – 00.07**



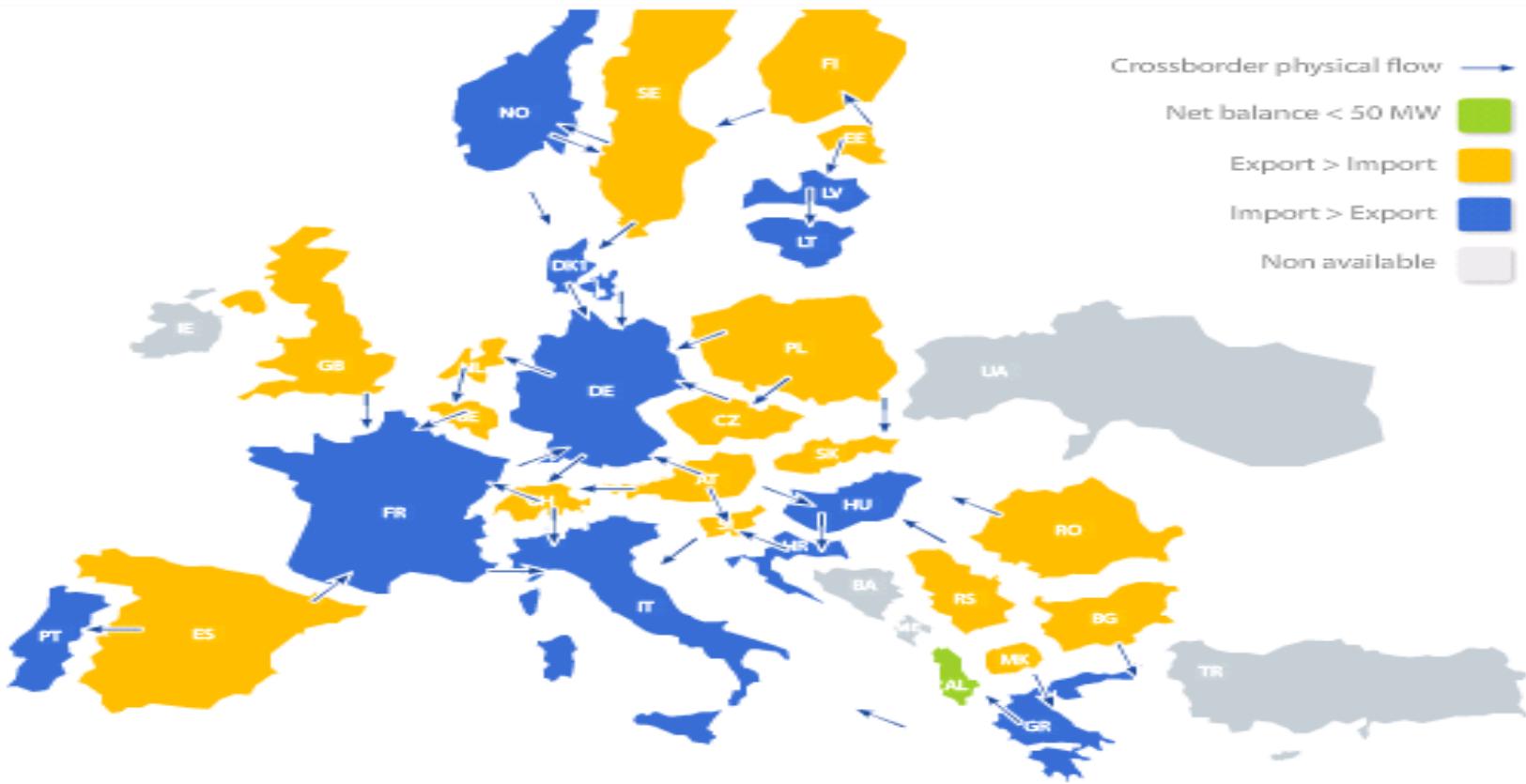
# 19/06/09; 00.07 – 00.08



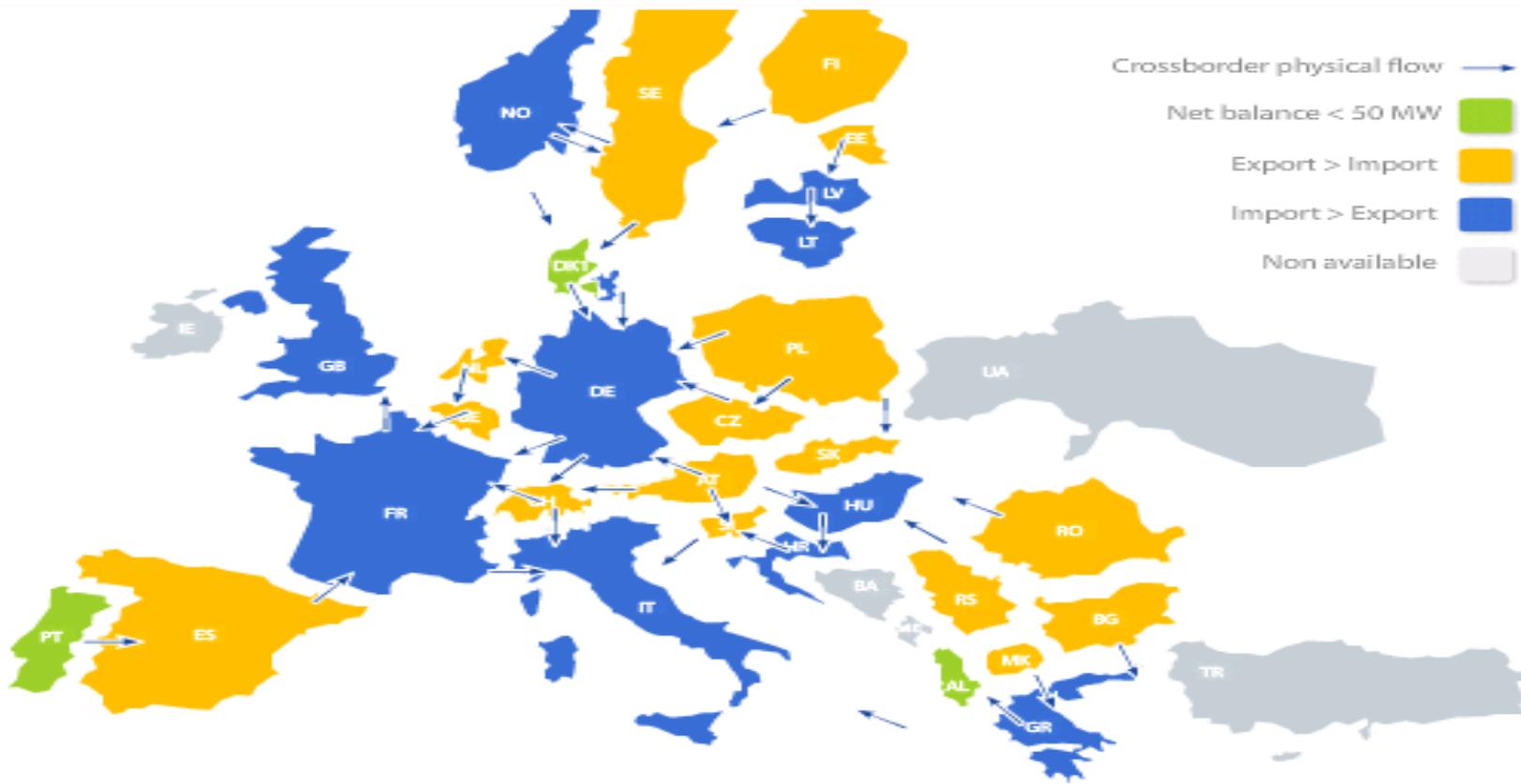
# 19/06/09; 00.08 – 00.09



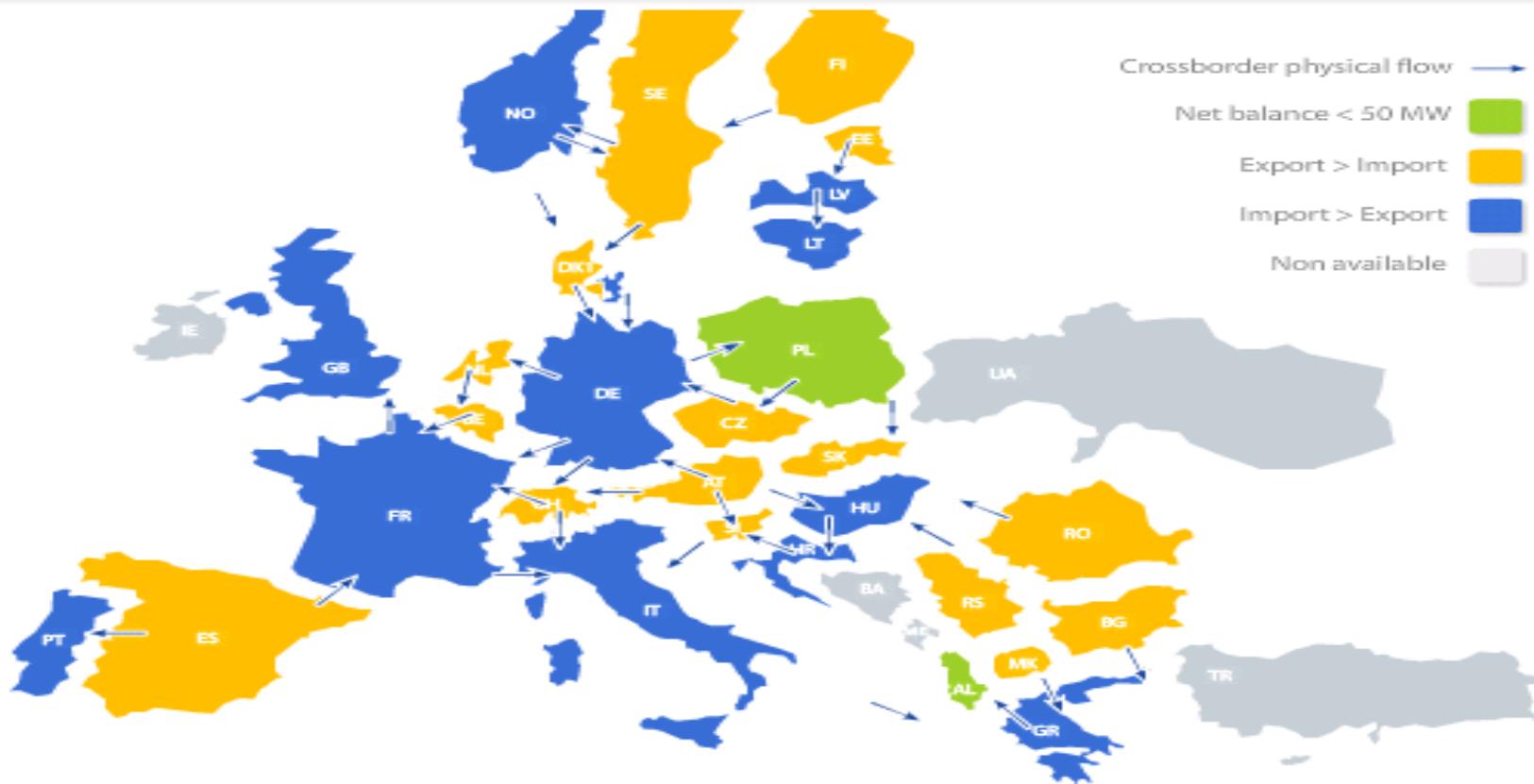
# 19/06/09; 00.09 – 00.10



# 19/06/09; 00.10 – 00.11

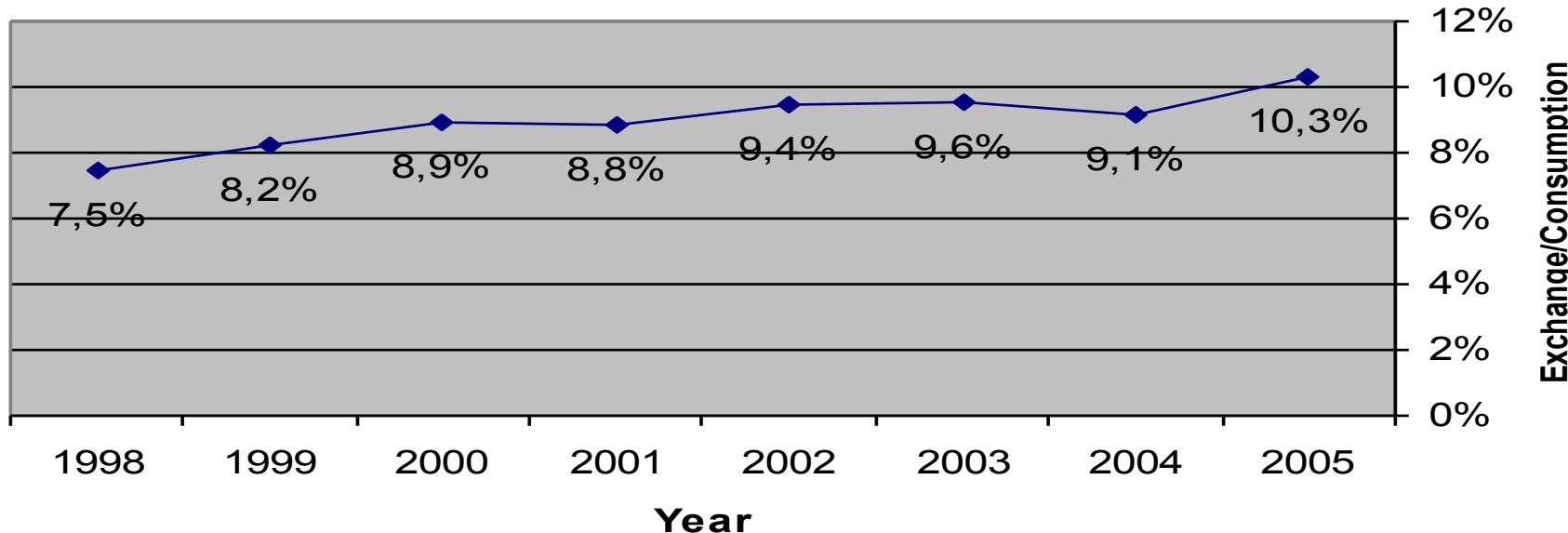


# 19/06/09; 00.11 – 00.12



# CROSS-BORDER ELECTRICITY EXCHANGE

## Cross-border Electricity Exchange in EU



# 2.

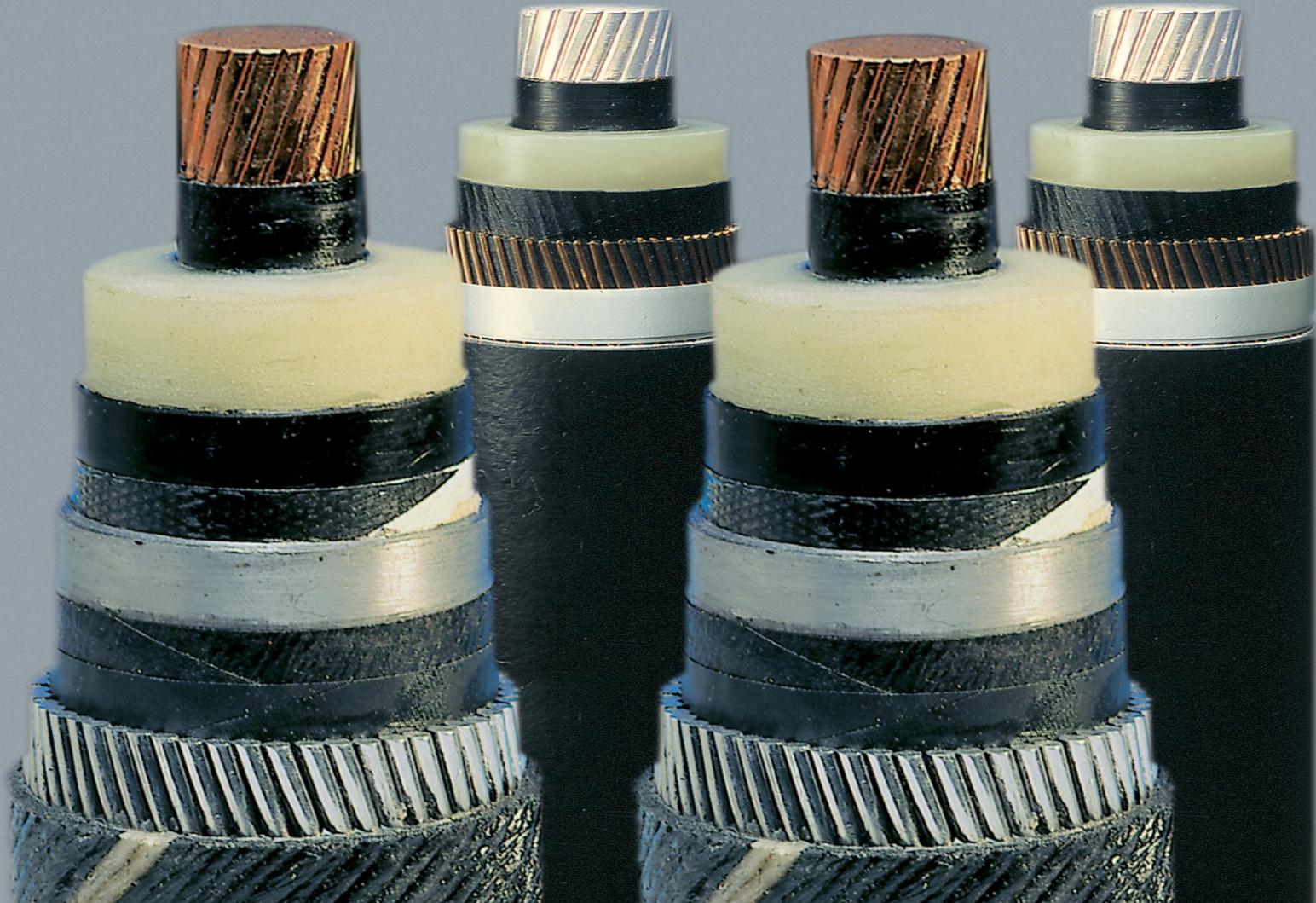
## MERCHANT INTERCONNECTOR





The National Grid logo is positioned in the top right corner. The word "nationalgrid" is written in a lowercase, blue, sans-serif font. The letter "n" is lowercase, while the rest of the letters are in a bold, uppercase style.

A 3D map of the British Isles is centered in the background. A dark blue rectangular callout box is placed over the map, specifically covering parts of Great Britain and Ireland. Inside this box, the text "Possible to transmit power in both directions" is written in white.



---

ABB





JACINTO ANTÔNIO JAPÓ

705



A map of Europe with a focus on the British Isles and the North Sea. The map shows the coastline of the United Kingdom and Ireland, with the North Sea and parts of the Atlantic Ocean. A white rectangular box is overlaid on the map, containing the text 'Possible to transmit power in both directions'.

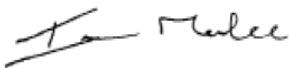
Possible to transmit power  
in both directions



Electricity generators,  
interconnector owners and  
operators, suppliers and other  
interested parties

Should you wish to discuss any of the issues raised  
Wallace (email: [andrew.wallace@ofgem.gov.uk](mailto:andrew.wallace@ofgem.gov.uk))

Yours sincerely



**Ian Marlee**  
**Director, Trading Arrangements**

Cc: Leonardo Meeus, Senior VP, European and Regulatory Affairs, IMERA  
Andris Piebalgs, Director General, Energy and Transport DG  
Tadgh O'Brien, DG-TREN  
John O'Connor, CER  
Paul Hogan, CER

Your Ref:  
Our Ref:  
Direct Dial: 020 7901 7487  
Email: [ian.marlee@ofgem.gov.uk](mailto:ian.marlee@ofgem.gov.uk)

10 February 2009

Dear Colleague,

**Amendment to the exemption orders granted to East West Cable One Limited ("EWC") under standard condition 12 of the electricity interconnector licence in respect of the EWC One and EWC Two interconnectors<sup>1</sup>**





The National Grid logo, consisting of the word "nationalgrid" in a blue, lowercase, sans-serif font.

A map of the British Isles showing the location of the interconnection between Great Britain and Ireland. A blue circle highlights the connection point.

Possible to transmit power  
in both directions



**Co-financed by the European Union**  
European Energy Programme for Recovery

# Independent.ie

## Imera furious over 'bias' in electricity link tender

**Private firm claims it can build interconnector at third of cost of State body**

By [Pat Boyle](#)

Tuesday March 31 2009

Eirgrid is set to receive €110m in EU funding, aid which has already been announced by Energy Minister Eamon Ryan. But Imera claims it is entitled to a majority of this EU funding.

"EU grant aid money has not been directly allocated to the (Eirgrid) project. In fact, the EU funding is to promote all interconnectors between Ireland and Wales," the company said.

# Oceanteam: No funding for Ireland-Wales interconnector



Oceanteam

Karl-Erik Stromsta Tuesday, June 02 2009

Updated: Sunday, November 25 2012

**Oceanteam has not been able to clinch financing for its planned 'East-West' interconnector linking the electrical grids of Great Britain and Ireland, as the Norwegian company's financial problems continue to mount.**

## SHARE STORY

 Tweet

 Share

 Recommend 0

 Email

## WHAT HAS BEEN THE RESULT FOR

---

- People involved?
- Companies involved?
- Welfare of the Irish, UK, and EU consumers?

# 3.

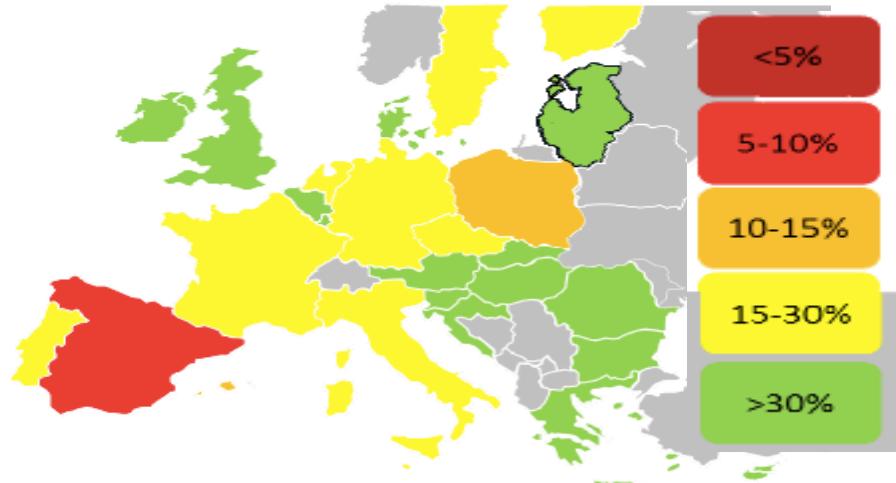
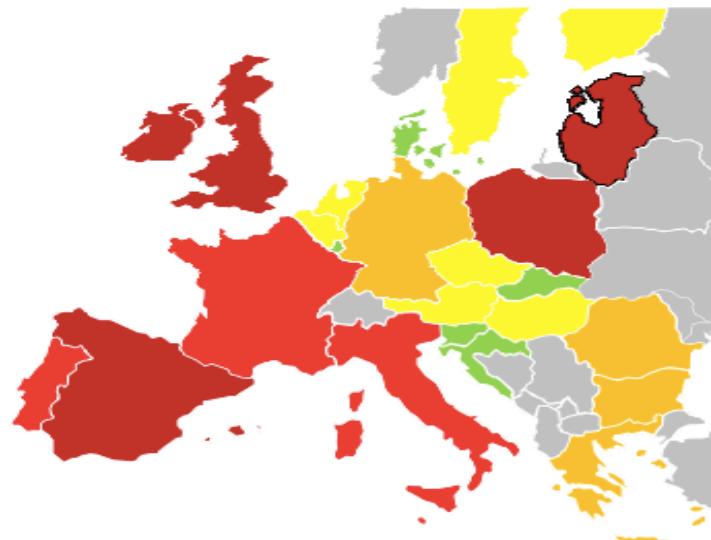
## HOW TO SELECT PRIORITY PROJECTS

# EUROPEAN ENERGY POLICY



# INTERCONNECTION TARGETS (IMPORT % PRODUCTION CAPACITY)

Source: DG Energy



# COST BENEFIT ANALYSIS

---



OF



# 4.

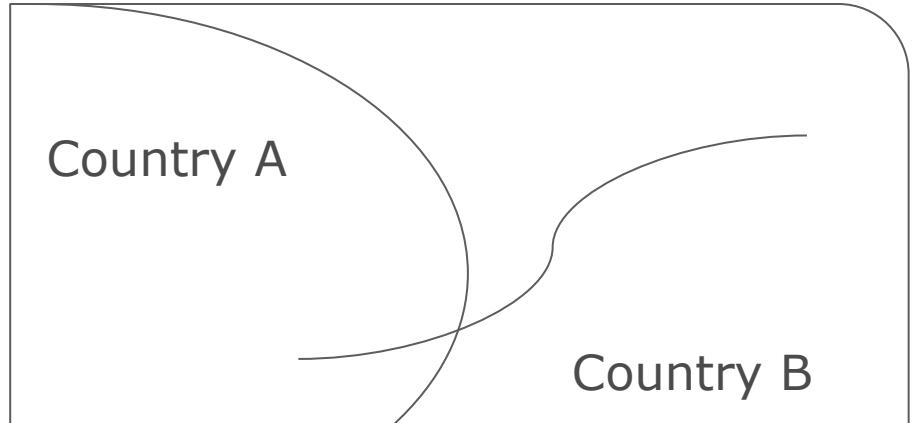
**HOW TO SHARE THE INVESTMENT COST BETWEEN  
MEMBER STATES**

## WHAT DO YOU THINK?

---

- A: Each country pays for assets on its own territory **11%**
- B: Beneficiaries pay principle **51%**
- C: Burden sharing agreement among countries **38%**

# DEBRIEFING A



# DEBRIEFING B

---



# DEBRIEFING C

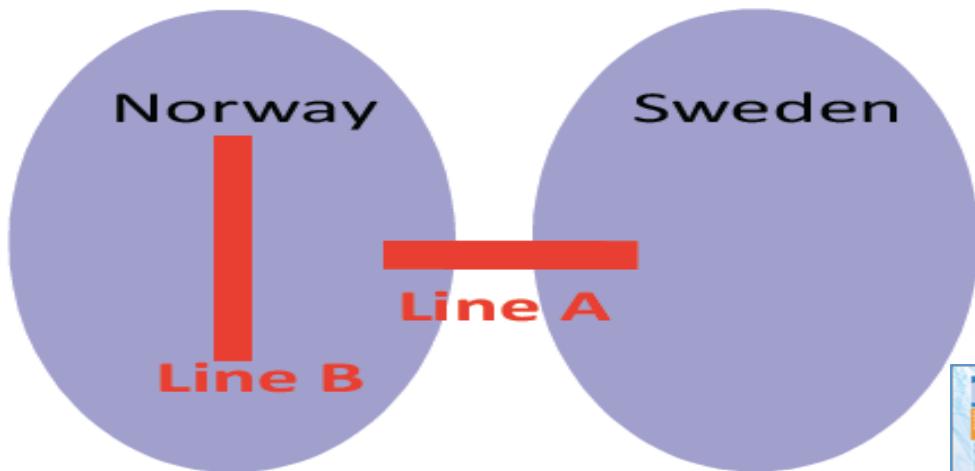


# PRACTICAL SOLUTION FOR EU CONTEXT



# CBCA INNOVATION

Figure 1. The Norway-Sweden Case



Source: own depiction



# 2013: RECOMMENDATIONS

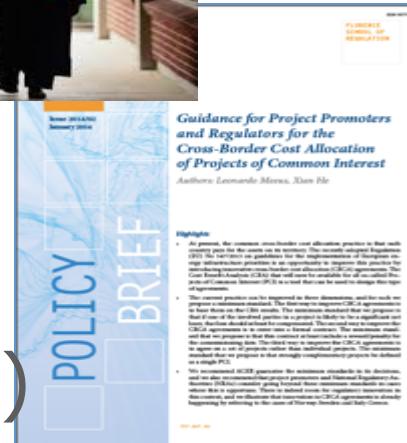


# DID YOU CHANGE YOUR MIND?

■ A:



■ B:



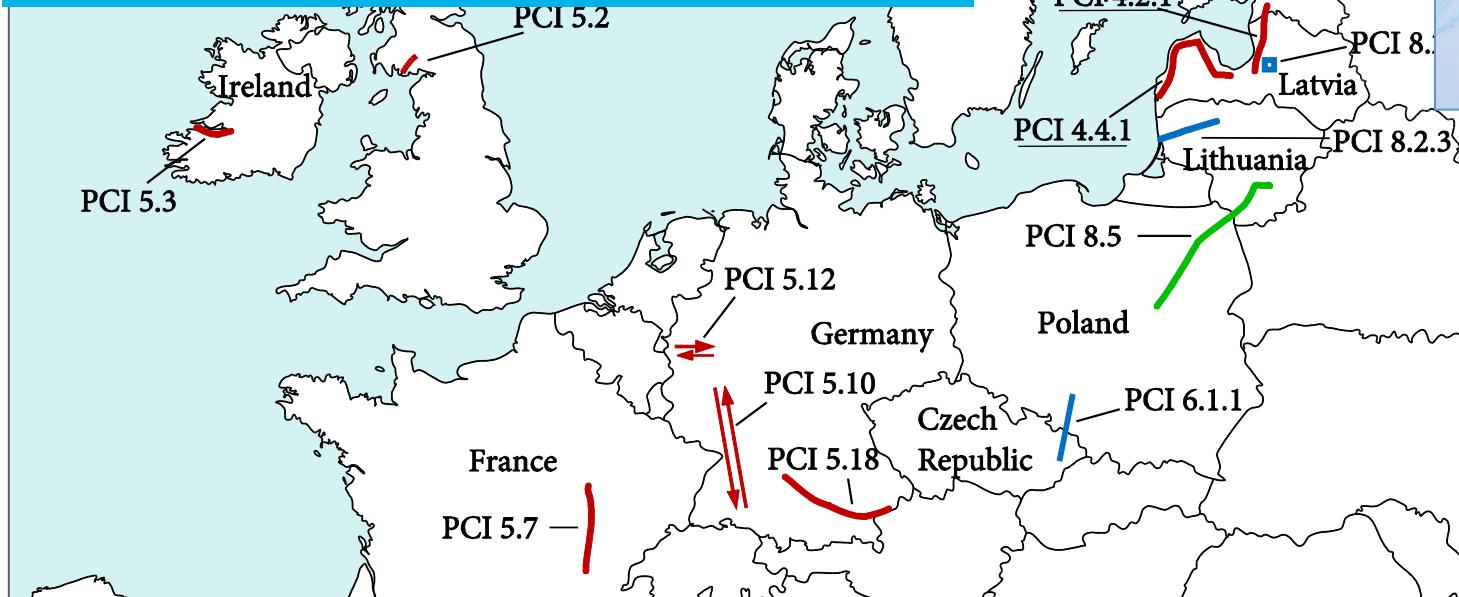
■ C: (between A and B)

# 2015: 13 CBCA DECISIONS

9/13 continuation current practice

3/13 innovation by NRAs

1/13 innovation by ACER



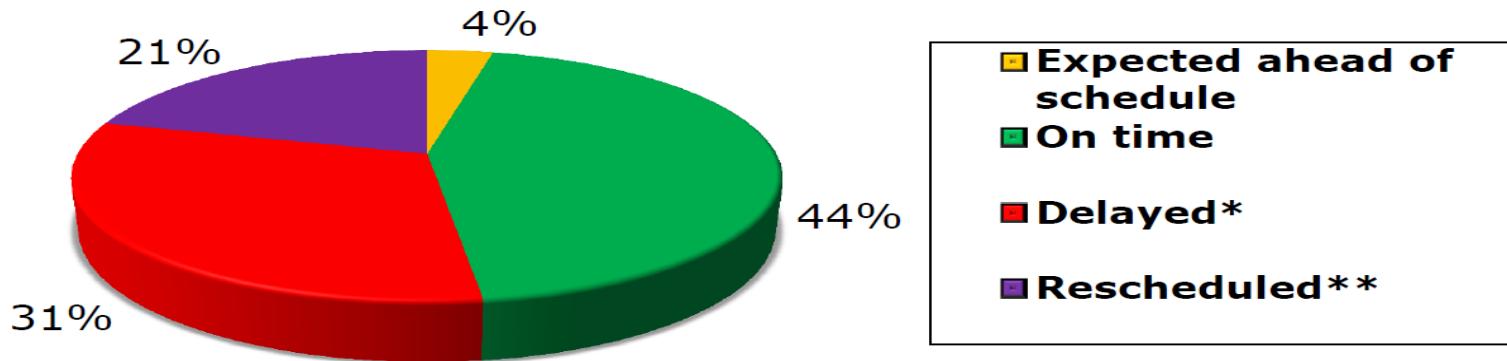
# 5.

**HOW TO ENSURE ADEQUATE INVESTMENT  
INCENTIVES FOR PROJECT PROMOTERS?**

# PROGRESS MONITORING

of 30 July 2014

ON THE IMPLEMENTATION OF INVESTMENTS IN ELECTRICITY  
TRANSMISSION NETWORKS



## WHAT IS THE MAIN REASON FOR THE DELAY?

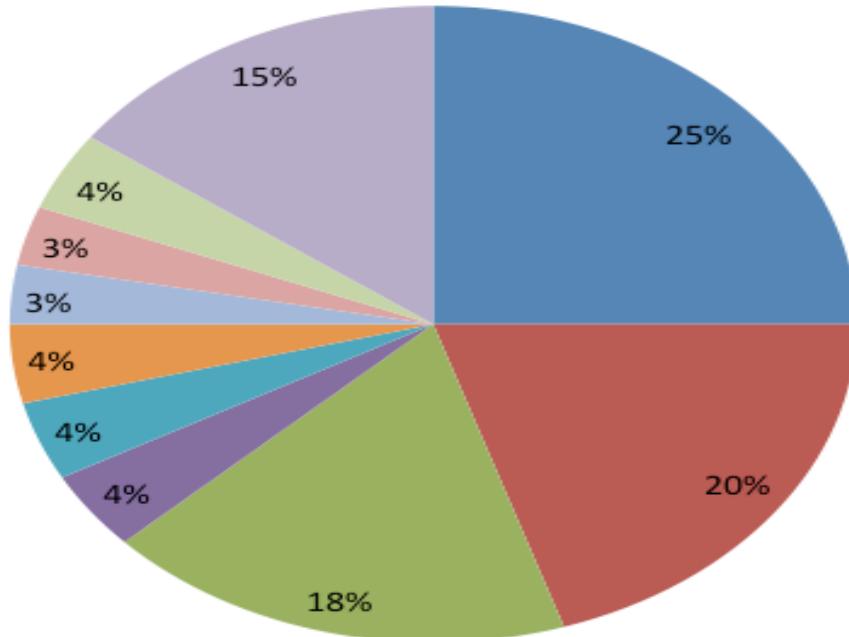
---

- A: Permitting related problems
- B: TSO incentives

# DEBRIEFING A

of 30 July 2014

ON THE IMPLEMENTATION OF INVESTMENTS IN ELECTRICITY  
TRANSMISSION NETWORKS



- permit granting
- national law changes
- environmental problems
- other
- delay in tendering
- correlation with other delayed project
- delay of cross-border agreements or agreements with third party promoters
- localisation of substations
- land acquisition
- no info

# DEBRIEFING B

TSO Risk



Harmonizing regulation of electricity TSO to ensure their financeability

Jean-Michel Glachant, M. Saguan, V. Rious, S. Douquet  
Vincent.Rious@Microeconomics.com

13<sup>th</sup> June 2013

24:33 / 34:31

European University Institute

ROBERT SCHUMAN CENTRE FOR ADVANCED STUDIES

DECEMBER 2013

Incentives for investments:  
Comparing EU electricity TSO regulatory regimes

jean-Michel Glachant, Marcelo Saguan,  
Vincent Rious and Sébastien Douquet

# TREND TOWARDS EXCEPTIONAL INCENTIVES FOR EXCEPTIONAL INVESTMENTS



Rationale for this trend: same return for all investments implies overpaying for low risk projects and underpaying for high risk projects

## Arguments against this trend:

- Benefit can be limited for some countries: depends on how heterogeneous projects are in terms of risk
- Costs can be high for some countries: case-by-case regulation requires new skills and resources for regulatory authorities and companies

**THANKS FOR YOUR ATTENTION**  
**LEONARDO.MEEUS@VLERICK.COM**



A JOINT INITIATIVE OF VLERICK BUSINESS SCHOOL  
AND FLORENCE SCHOOL OF REGULATION

**FUTURE GRID  
MANAGERS  
PROGRAMME**