



Market Design Initiative

EU Commission
DG Energy

This presentation reflects solely the views of the author
and does not bind the EU Commission

Intro:

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Flexibilisation

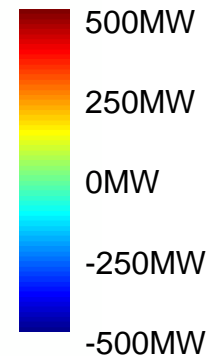
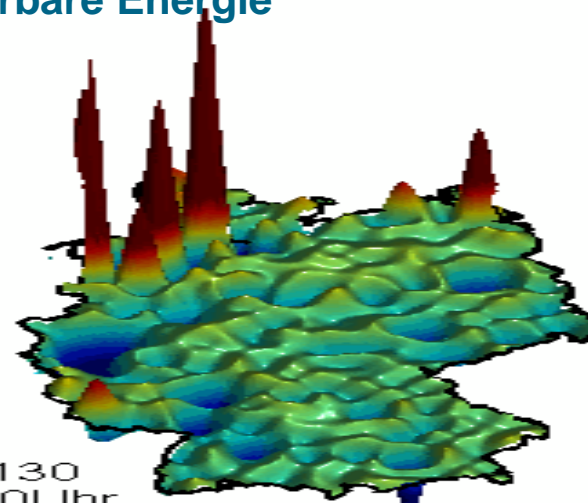


Old Electricity World



New Electricity World

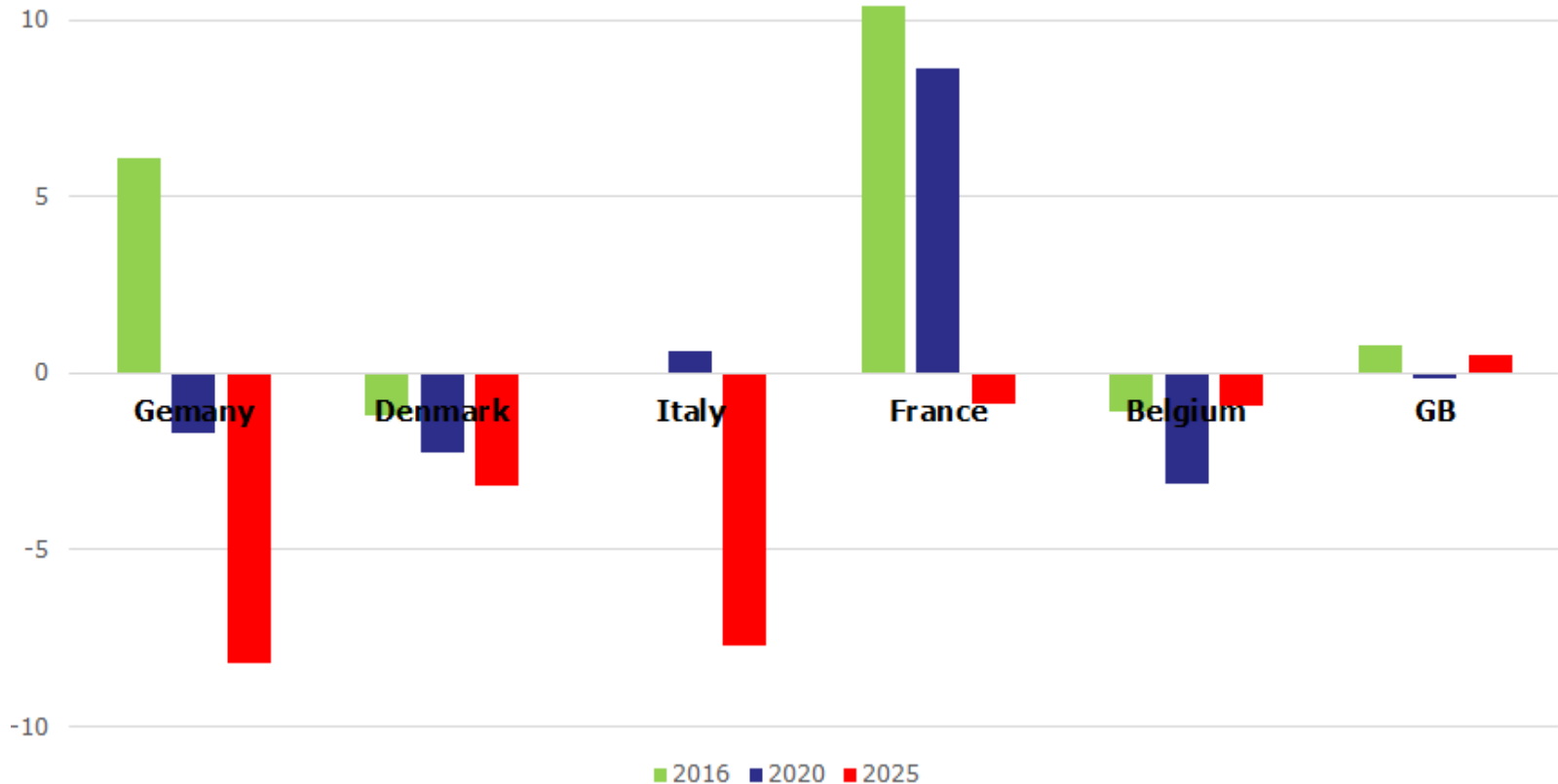
80% erneuerbare Energie
2035+



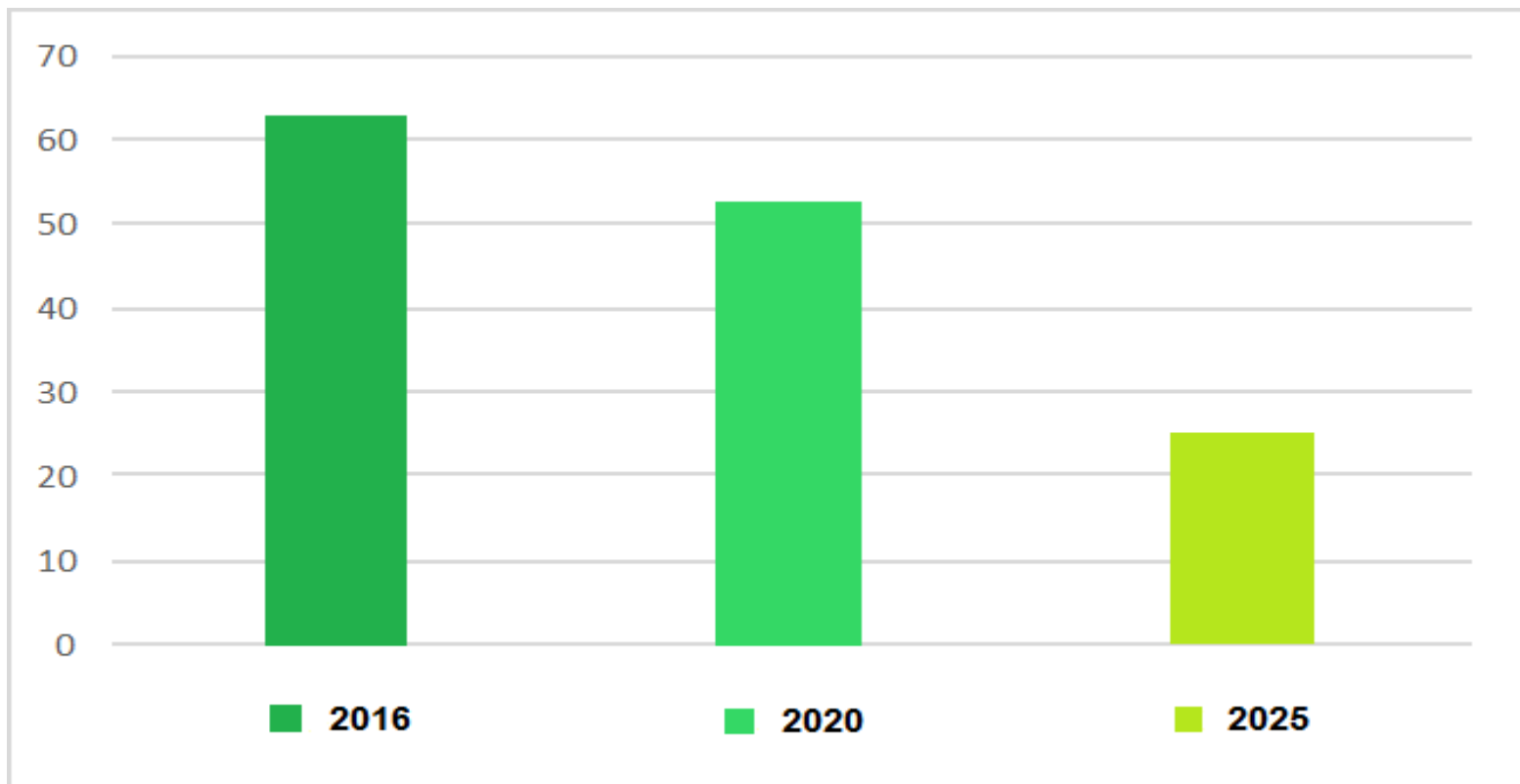
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(C) IFHT

Generation adequacy 2016-2025 – *individual Member States*



Generation adequacy 2016-2025 – *EU aggregated*



Uncoordinated backup solutions are costly



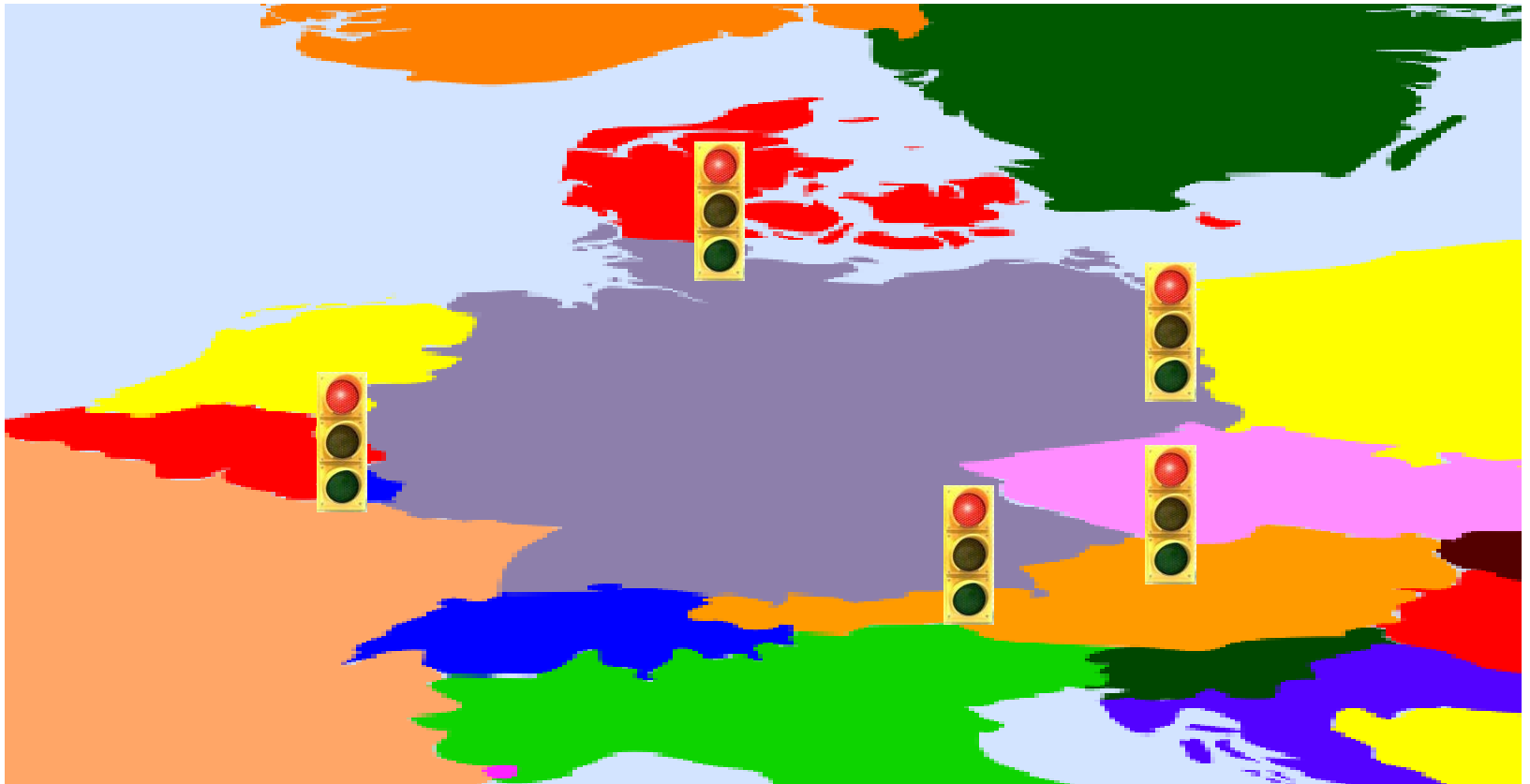
expensive



cheap

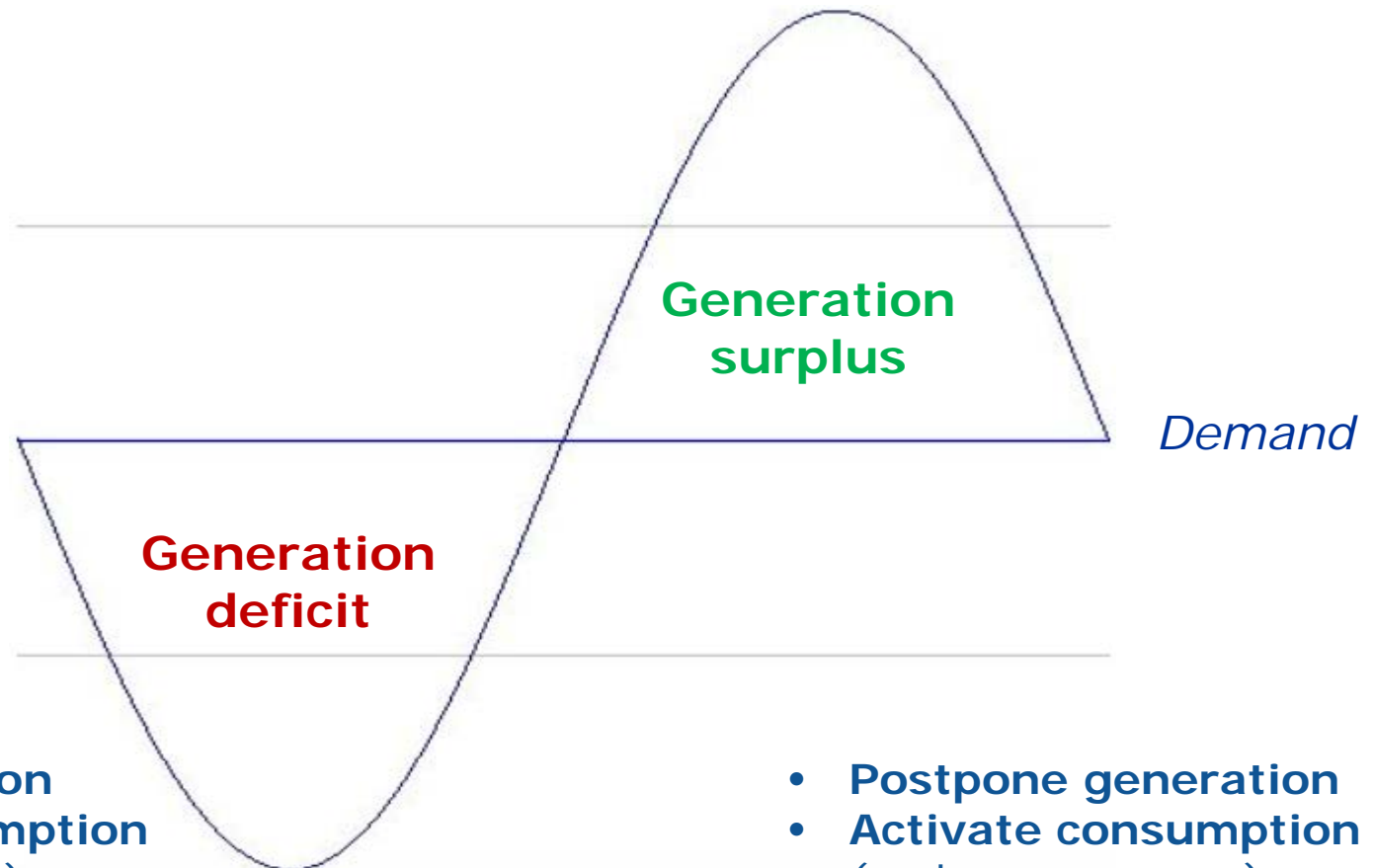


Aggregation is key...



...but regulatory barriers hamper cross-border trade

Key issue: Coping effectively with deficits and peaks



- Backup generation
- Postpone consumption (and earn money...)

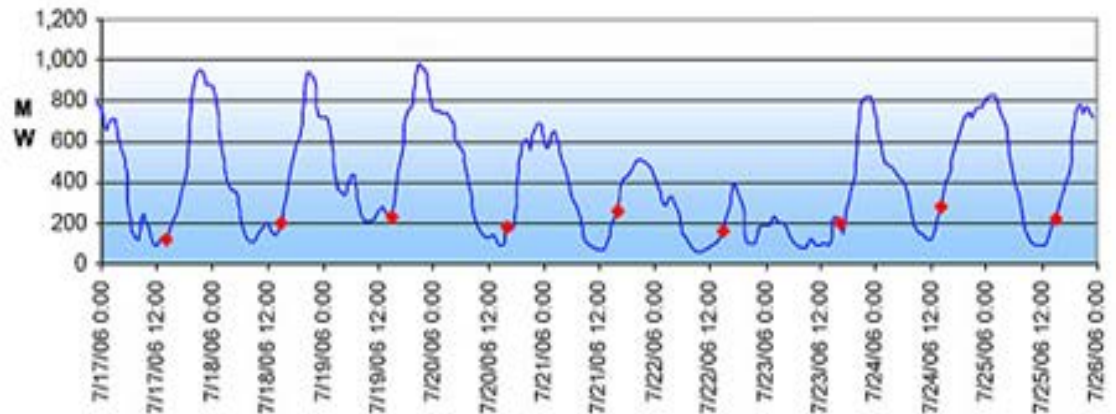
- Postpone generation
- Activate consumption (and earn money...)

Market Design Reform

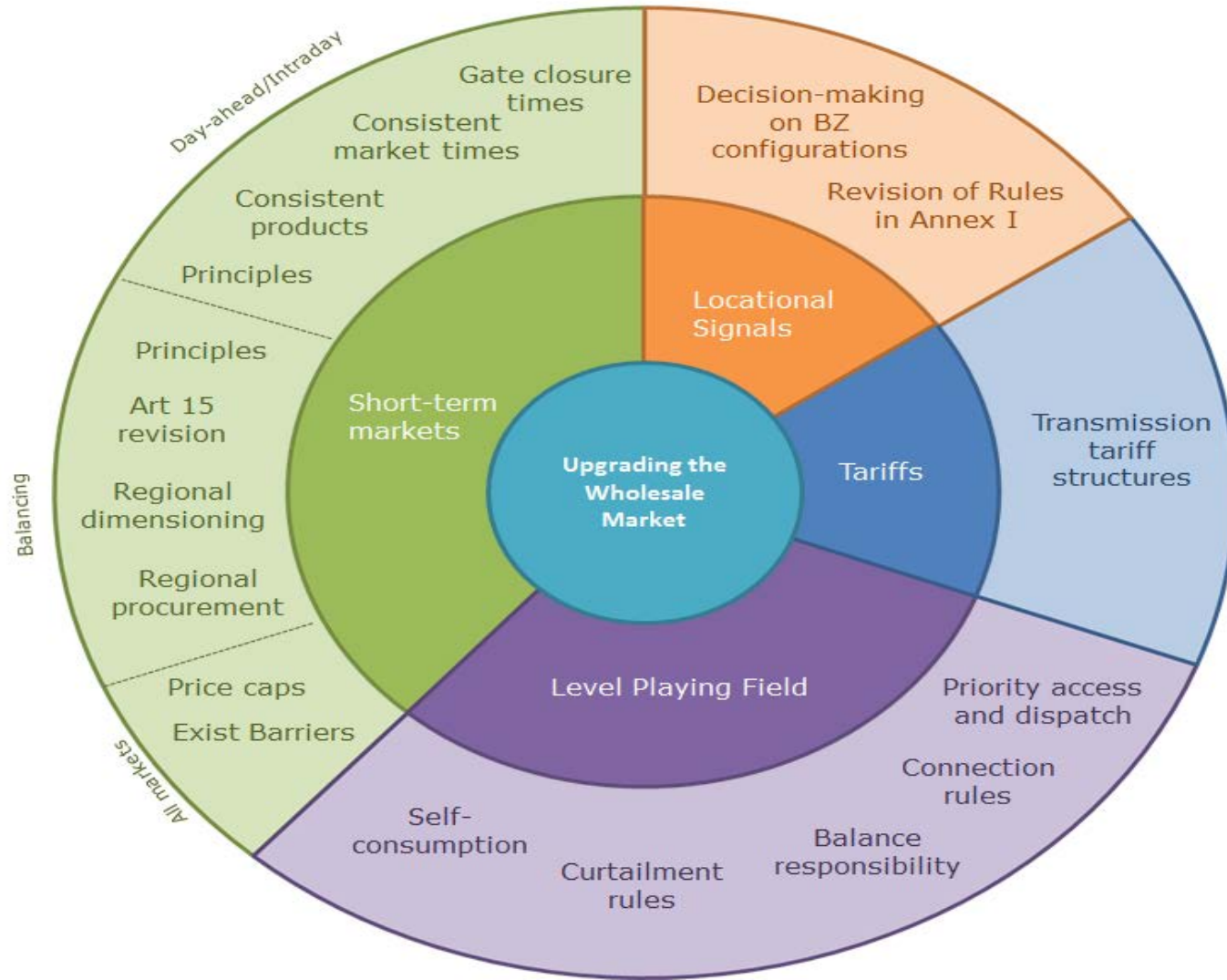
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Possible Elements

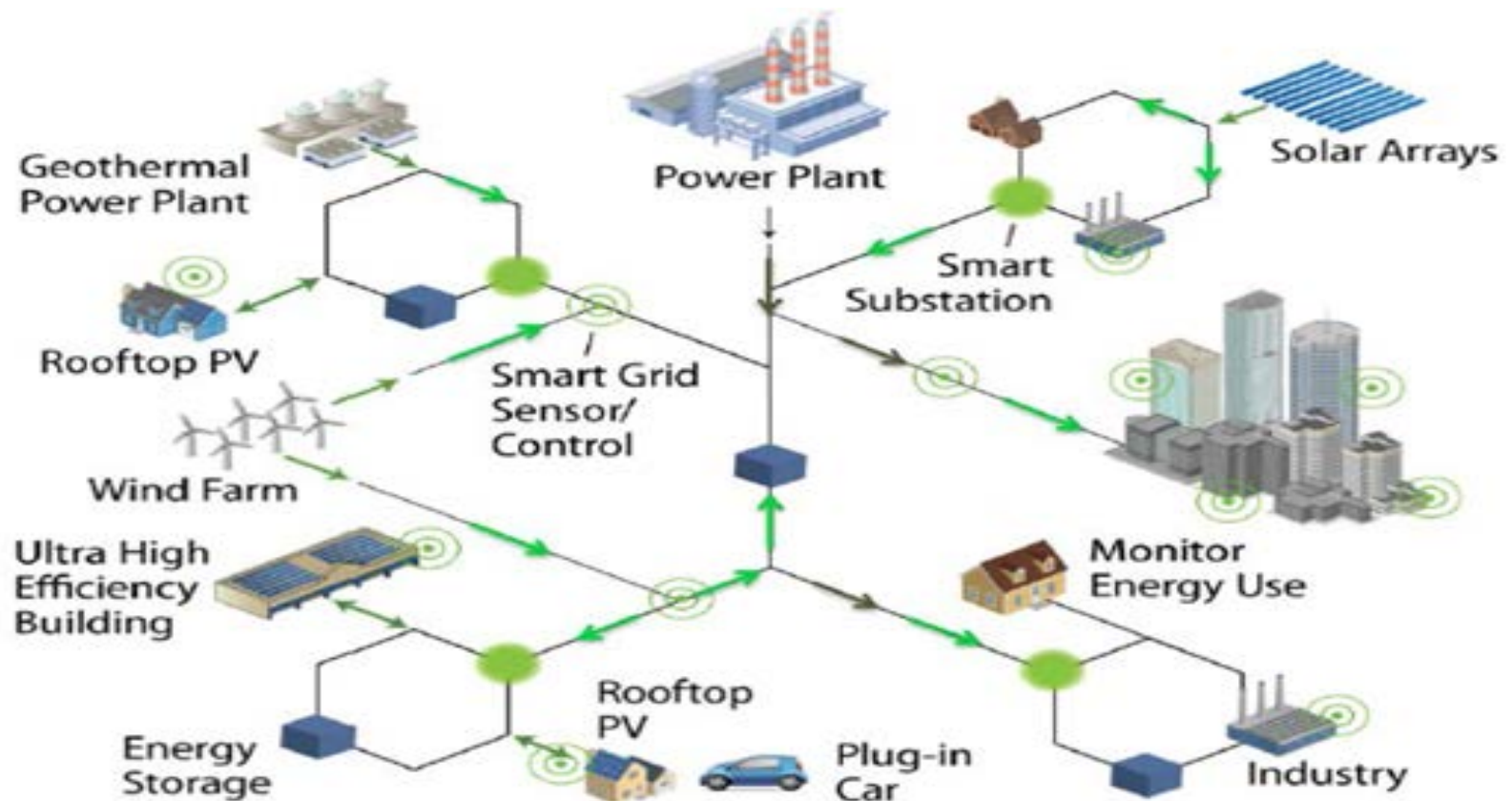
Upgrading Wholesale Markets



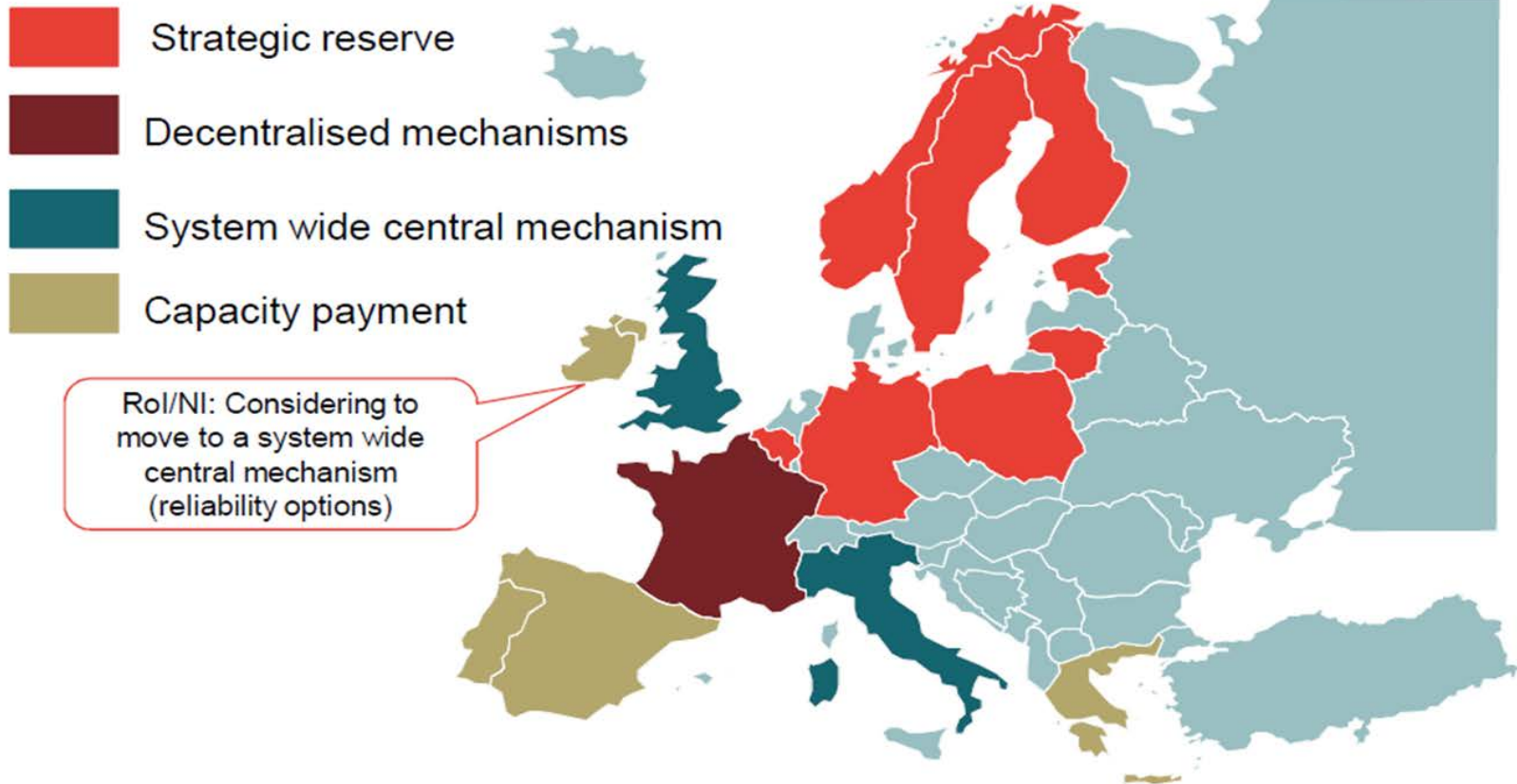
Upgrading Wholesale Markets



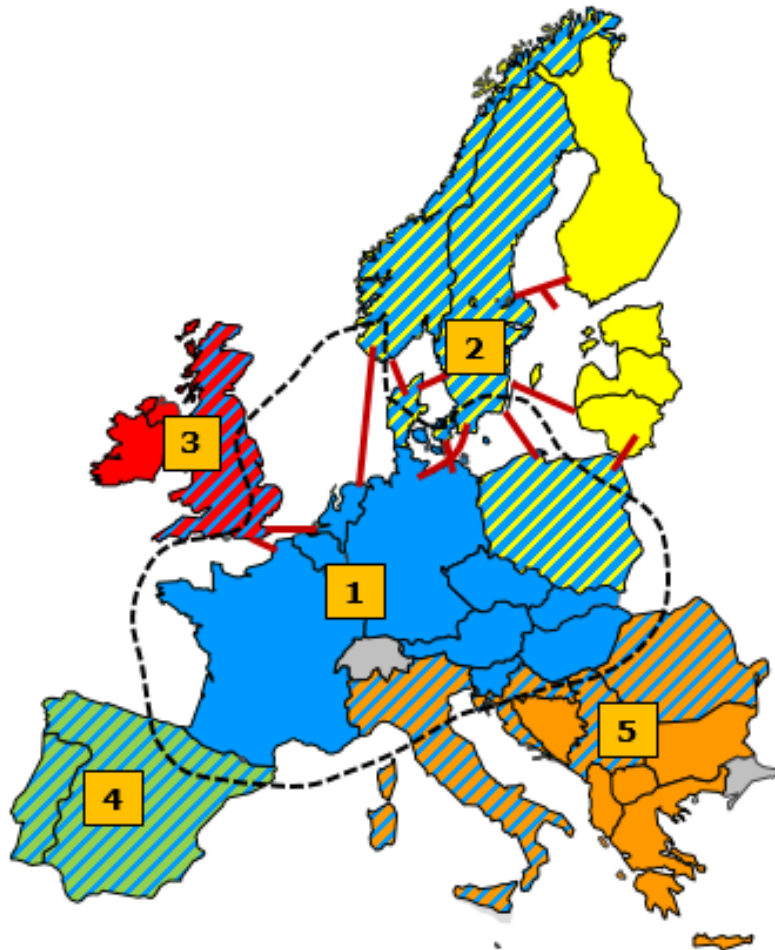
Update Retail Markets



Coordinate State Interventions => Generation Adequacy



Foster Regional TSO-Cooperation



= Regional Operations Centre (ROC)

----- = Border between Regional Operations Centres

5 Regions instead 42 TSOs

1	Central ROC
2	Nordic ROC
3	BI ROC
4	Iberian ROC
5	SEE ROC

Source: European Commission



Adapt Institutional Framework



Enhance Risk Preparedness





Thank you