

The View of ENTSO-E and TSOs on Regional System Coordination

Sonya Twohig

System Operations Manager

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NETWORK CODES/GUIDELINES: THE FOUNDATIONS OF THE INTERNAL ENERGY MARKET

3 CONNECTION CODES

Requirements for:

- Generators
- Demand side
- HVDC connections

...paving the way for
offshore wind...

3 MARKET CODES

Rules for:

- Capacity calculation
- Day ahead / Intraday
- Forwards
- Balancing

...market coupling...

2 OPERATIONAL CODES

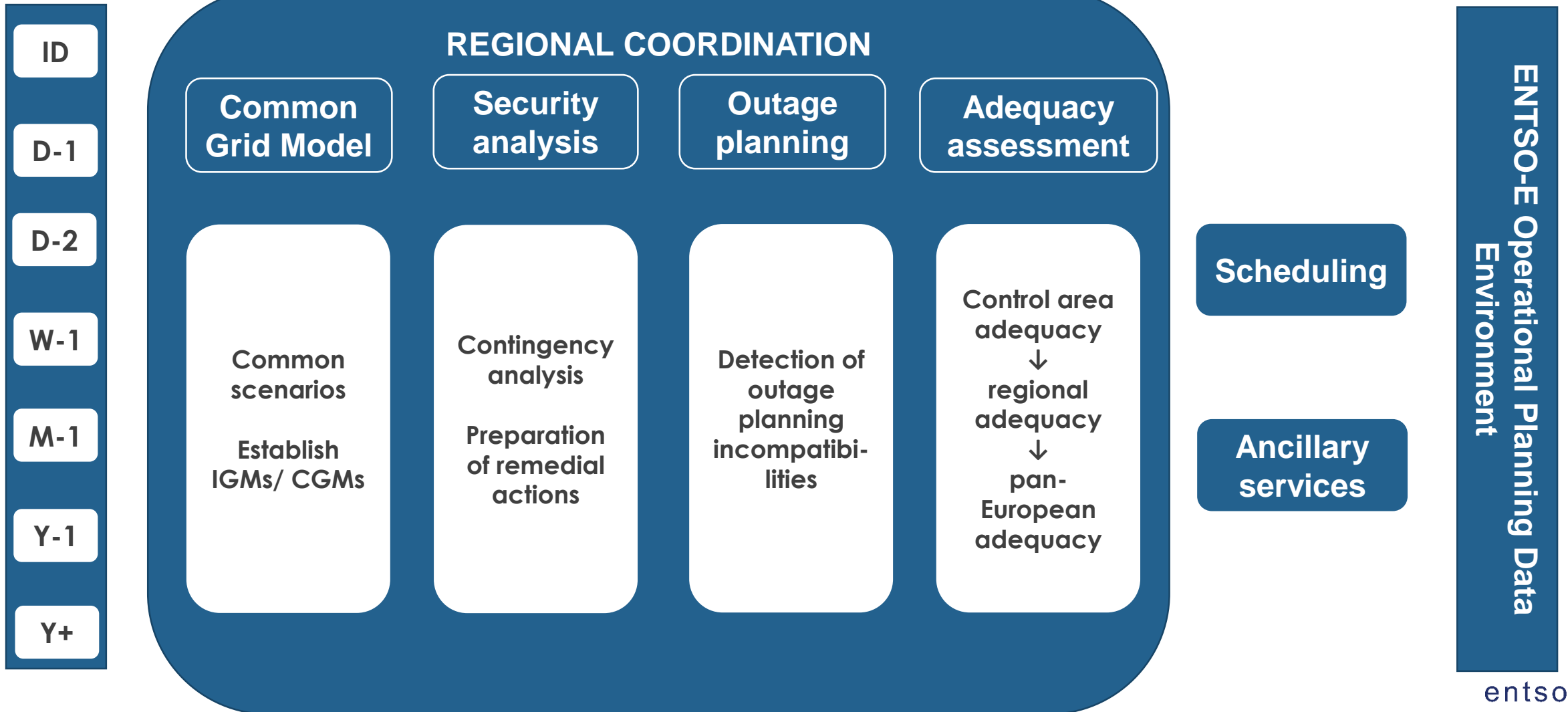
Rules for:

- System Operation
- Emergency situations

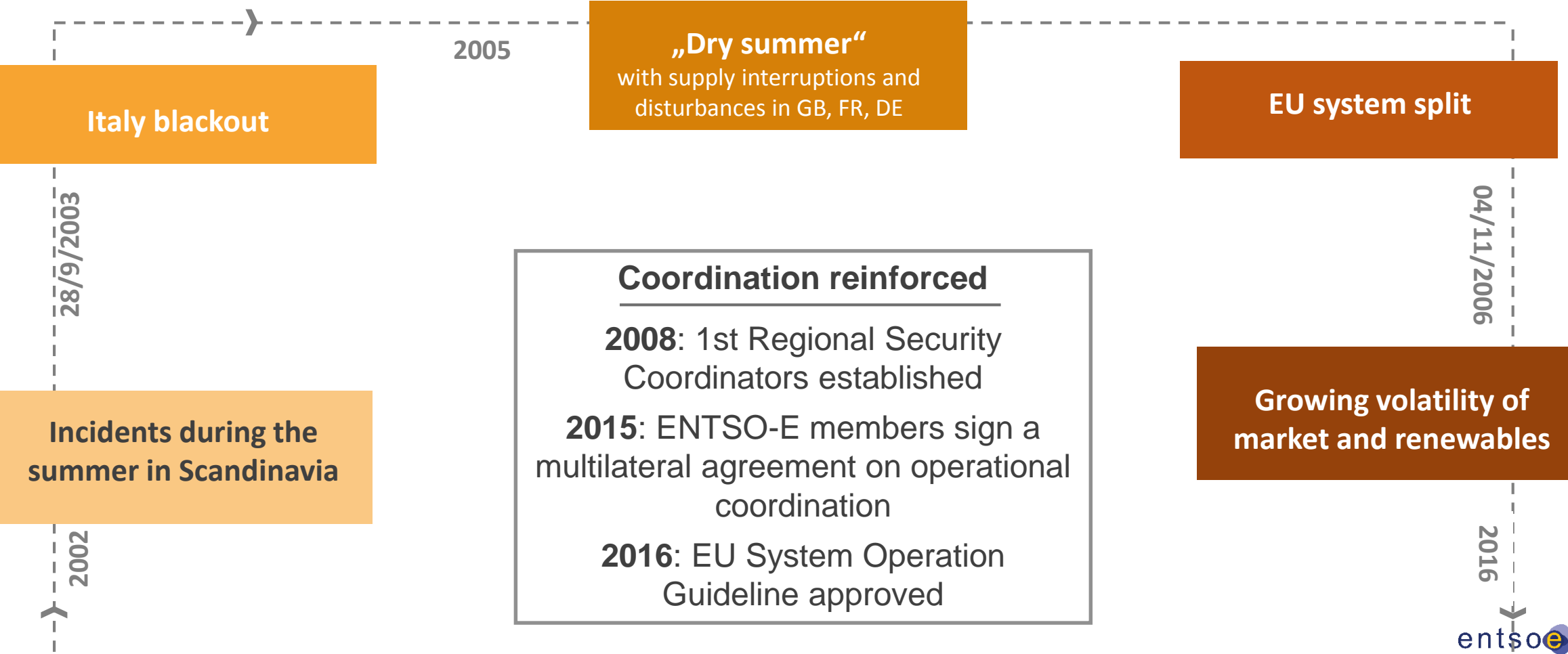
...regional cooperation
to increase security...

SYSTEM OPERATION GUIDELINE

OPERATIONAL PLANNING

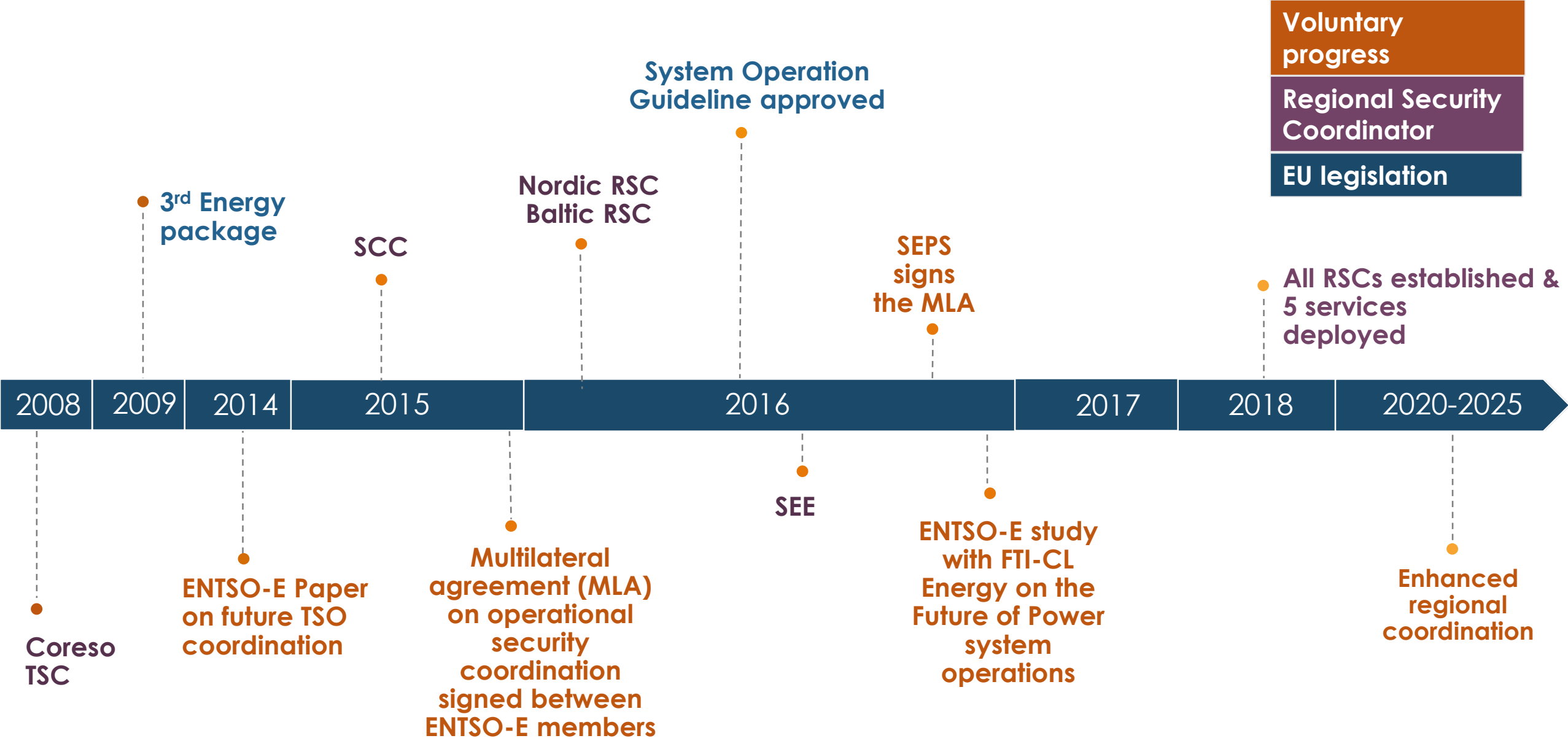


TSO COOPERATION: RESPONSE TO SECURITY RISKS

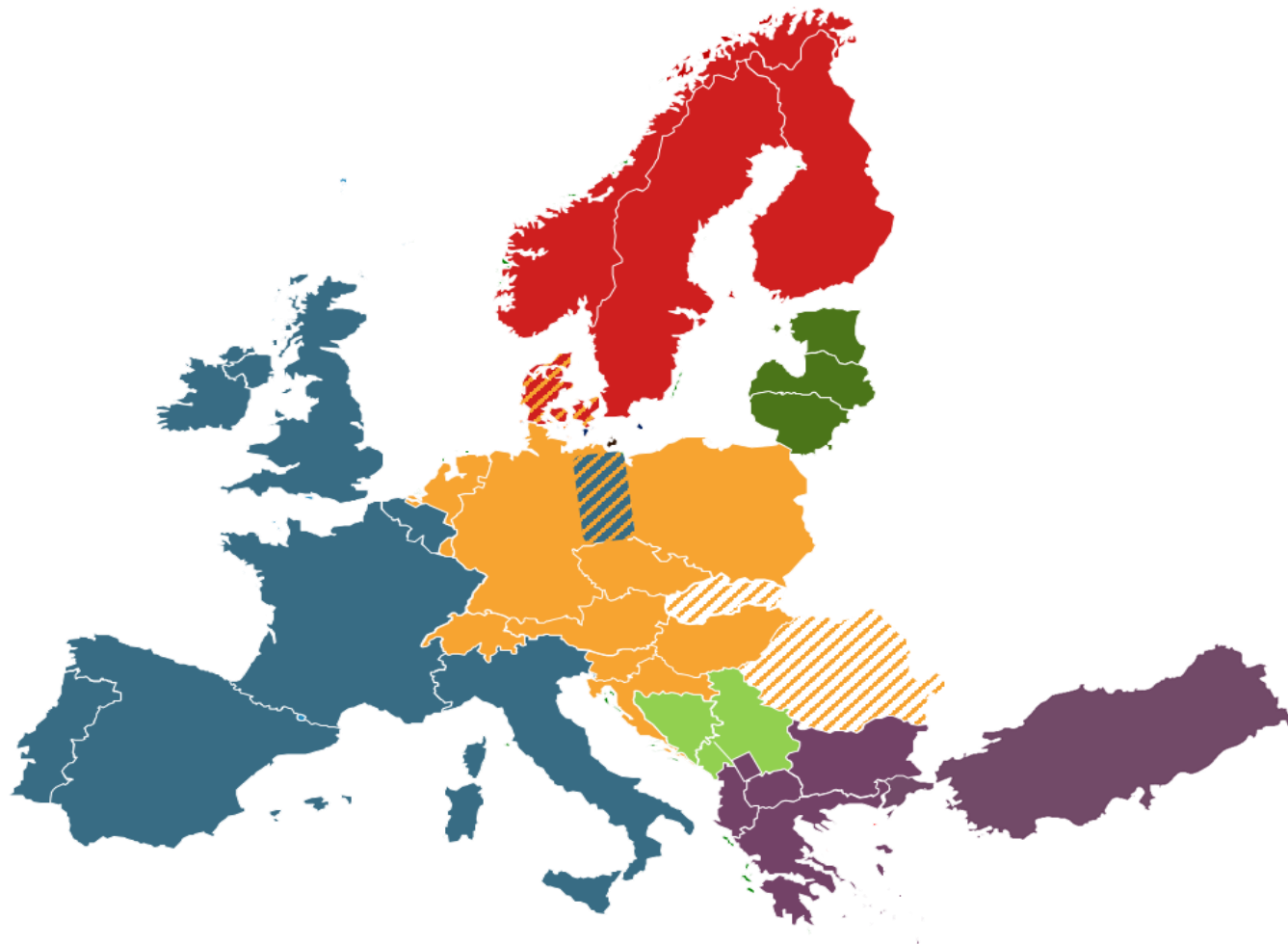


TIME-LINE FOR REGIONAL COORDINATION

Voluntary progress
Regional Security Coordinator
EU legislation



REGIONAL SECURITY COORDINATORS: THE NEW FACE OF COOPERATION



REGIONAL COORDINATION WILL EVOLVE



**Instruments for the
implementation of EU network
codes/ guidelines**

To evolve overtime



TSOs MAINTAINING OPERATIONAL DECISION MAKING:

- Minimises risk of wide area events
- Minimises risk of cyber and terrorist attacks
- Cost control

MORE COORDINATION BRINGS:

- More security
- Optimised operation
- Economies of scale
- Market integration
- Maximised transmission capacity to markets
- Links between operational security analysis and market support functions

THANK YOU!

FOR YOUR ATTENTION



Sonya.Twohig@entsoe.eu



+32 2 741 09 50



**For more information:
<http://www.entsoe.eu>**



**Av. de Cortenbergh 100
1000 Brussels Belgium**

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