

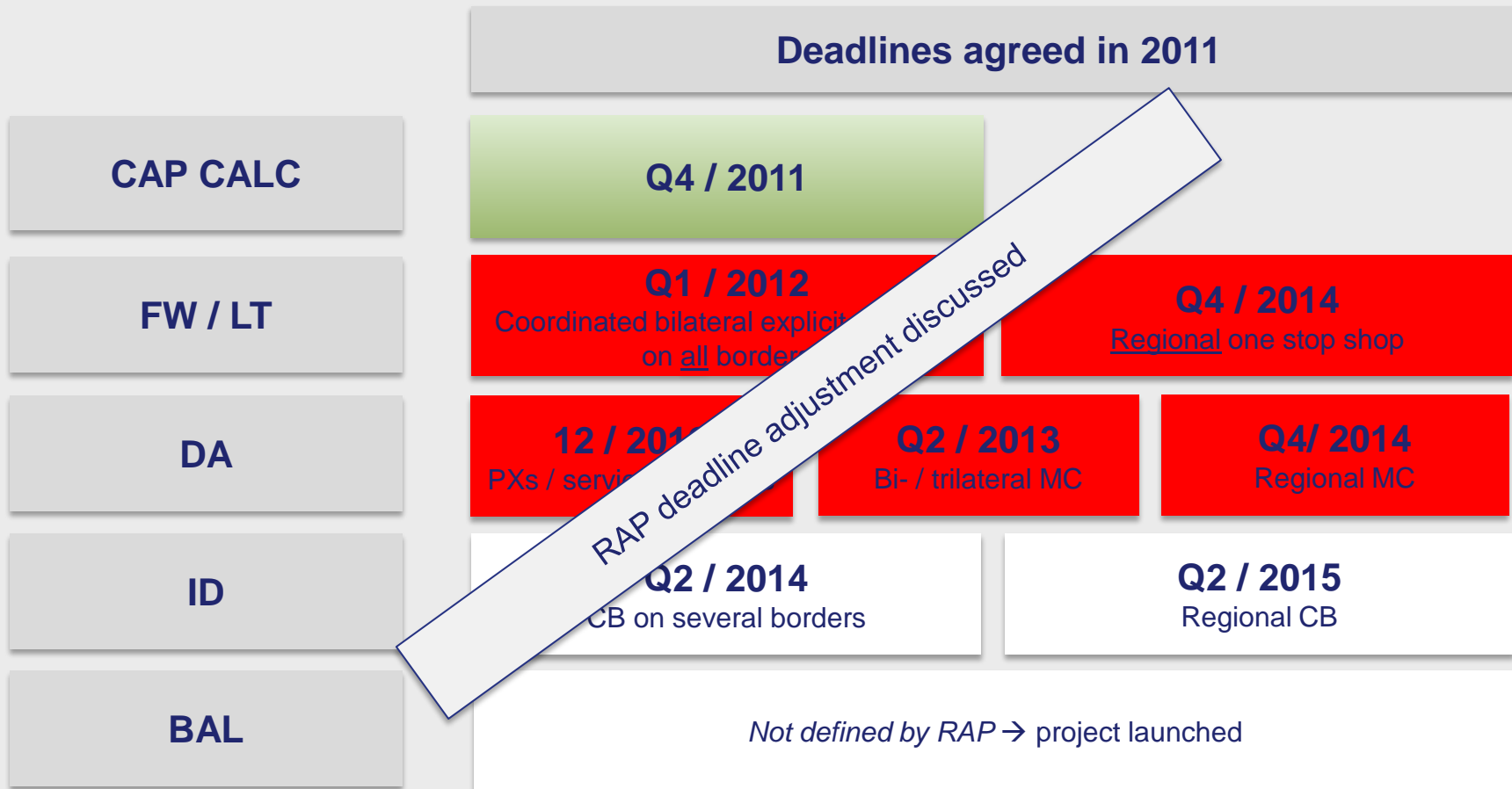
The background is a satellite-style image of Europe at night, with city lights visible. Overlaid on this are numerous glowing blue lines that represent energy transmission paths, connecting various points across the continent and extending outwards.

8th Region Wholesale Market Opening

Status Quo – Expectations – Challenges

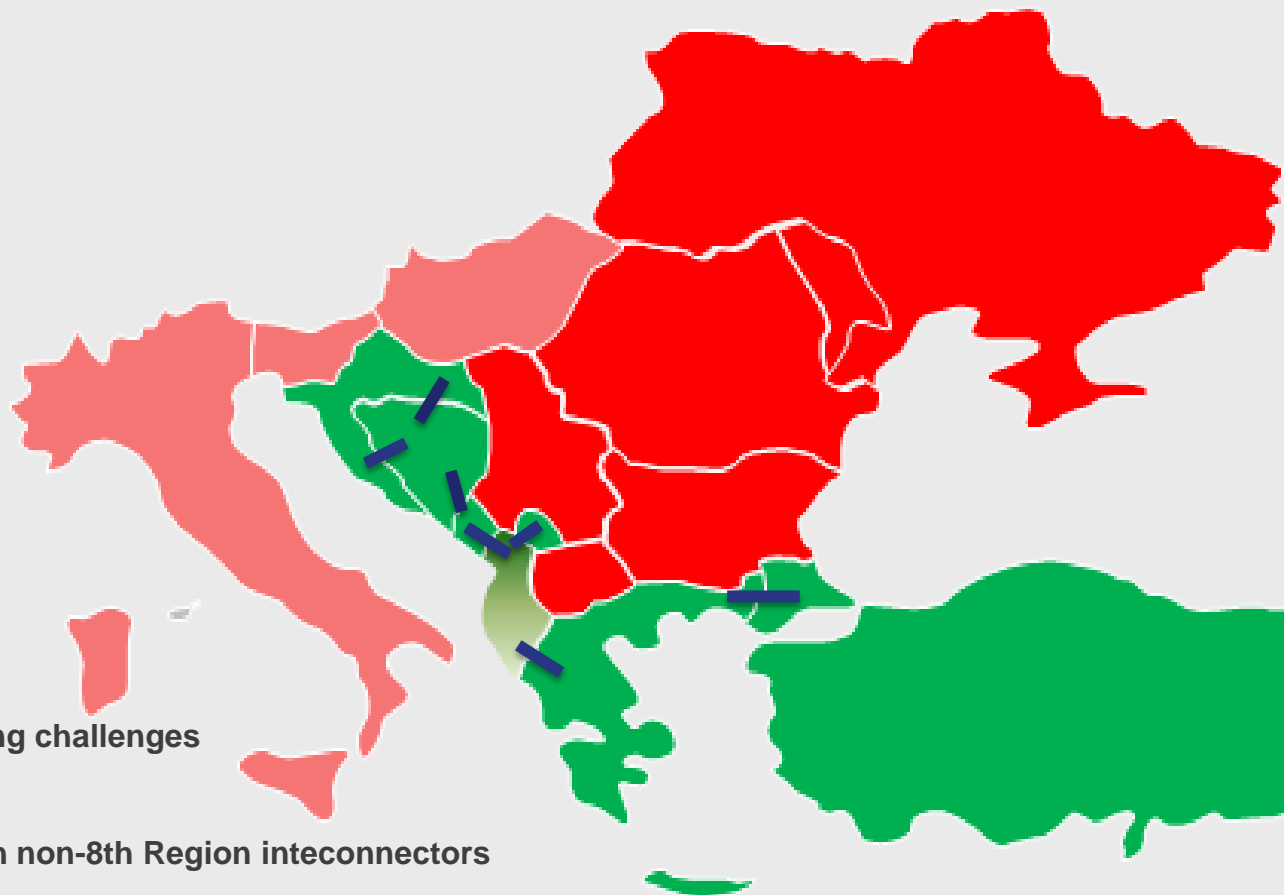
Nina Grall

Targets Met? – Regional Reality Check



Open:

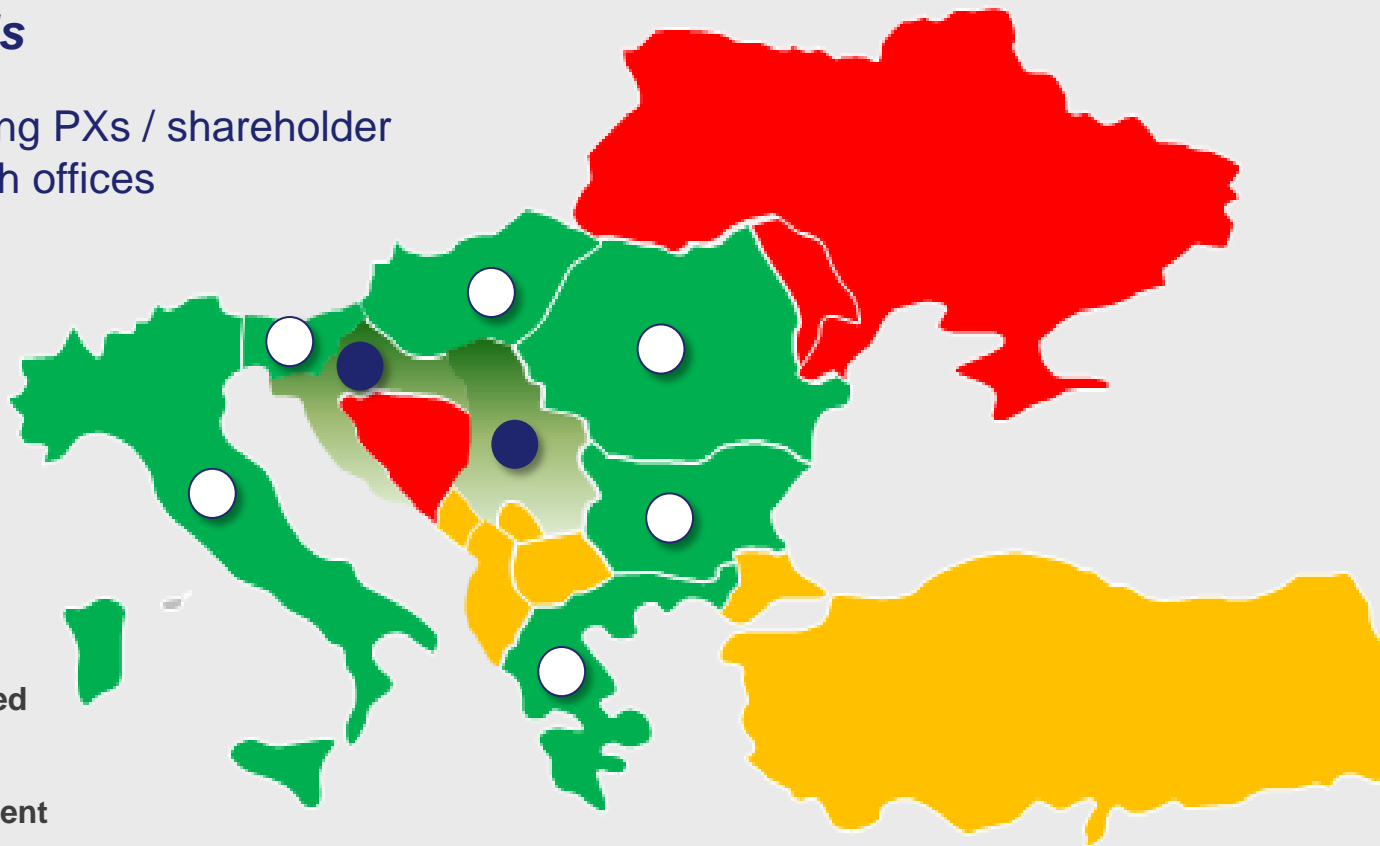
- VAT Albania (?)
- Serbia, Macedonia
- Bulgaria, (Romania)
- Missing interconnections
8th Region



Outlook – Potentials

- Servicing by existing PXs / shareholder
- agreements / brach offices

- PXs existing
- PXs establishment agreed
- PXs discussed
- No PX related development



1. *Prepare nationally*

- *Clean your market*: abolish single buyer models, regulated generation
- *Make your market fit for the future*: (1) introduce market based **BAL** rules, (2) introduce **DA** rules

2. *Act regionally*

- **LT/ FW**: Serbia, Macedonia, Bulgaria, Romania, missing interconnectors
- **DA / MC**: complete a 8th Region approach
- **ID**:
- **BAL**: initiate a coordinated model

3. *Prepare for NCs*

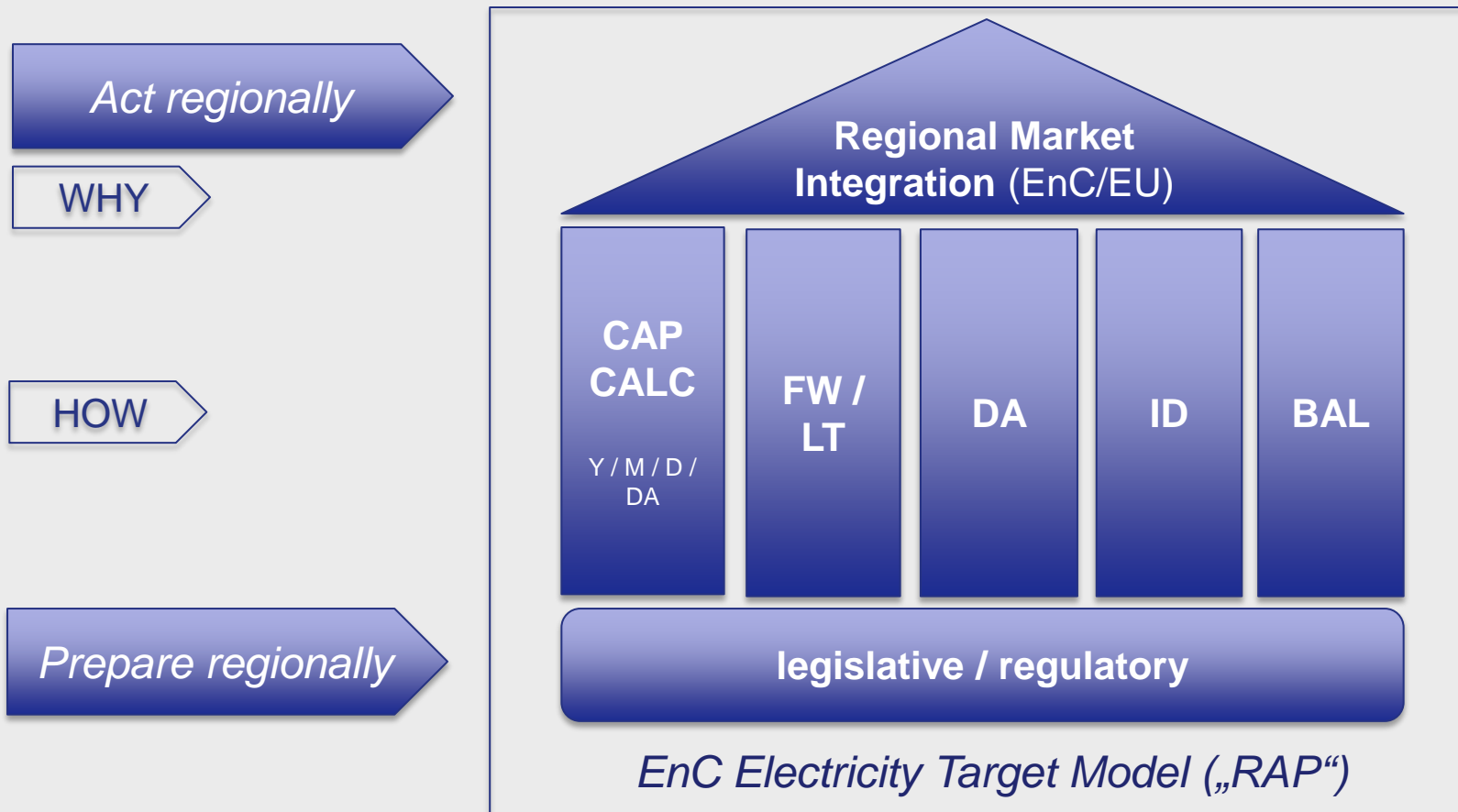
The background is a satellite-style image of the Earth at night, showing city lights. Overlaid on this are numerous glowing blue lines that represent energy transmission paths, connecting various points across the globe.

*Thank you
for your attention!*

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Background Slides

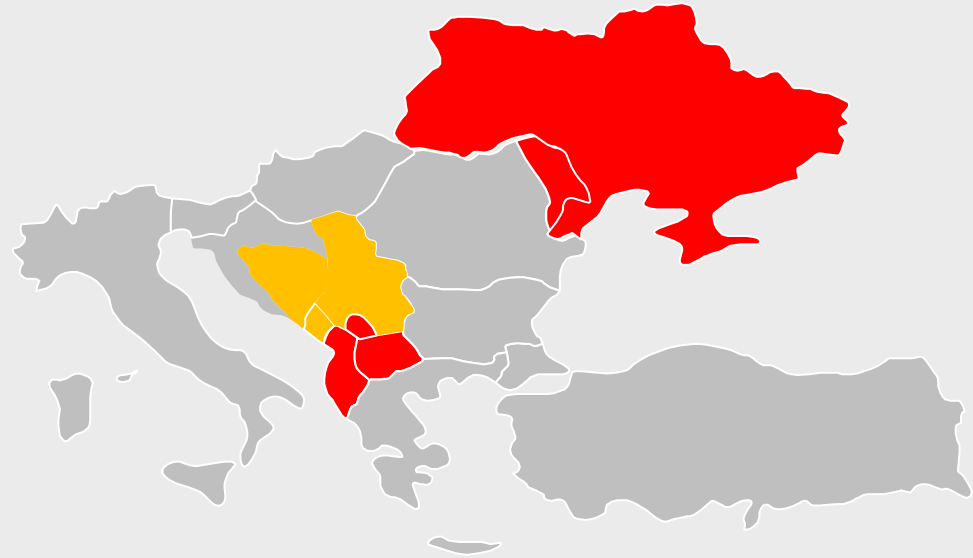
The Concept



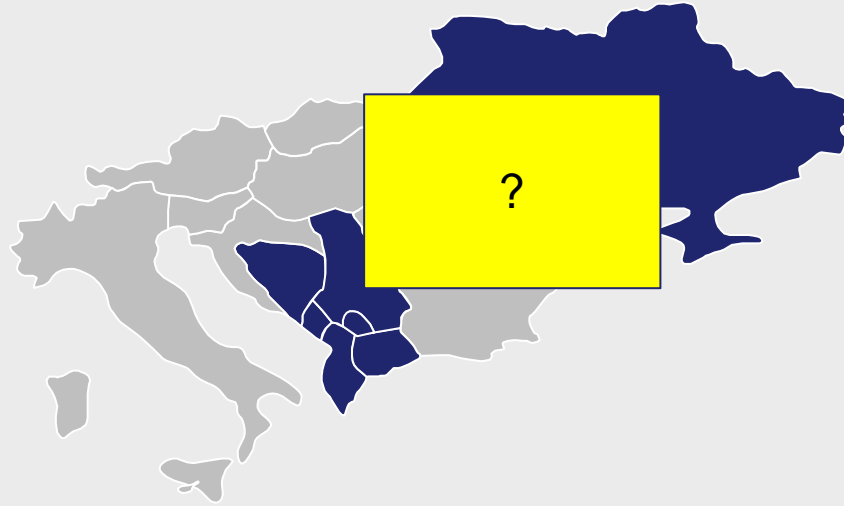
DA: Do National Rules Fit The Regional Purpose?

Focus CPs

-  DA rules established
-  DA rules under discussion
-  DA rules not established

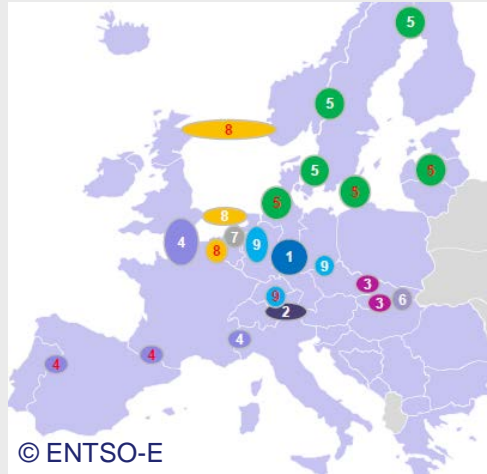


Where missing to be included in legislative reforms 2014



Where national rules missing to be included in legislative reforms 2014

BAL: Regional Project Launched






9 EU balancing pilots
ref. NC BAL: CoBA
identification



10th pilot 8th Region?

„Pilots in the pilot“

-  Reserve sharing agreed
-  Reserve sharing discussed
-  Potential for IN extension

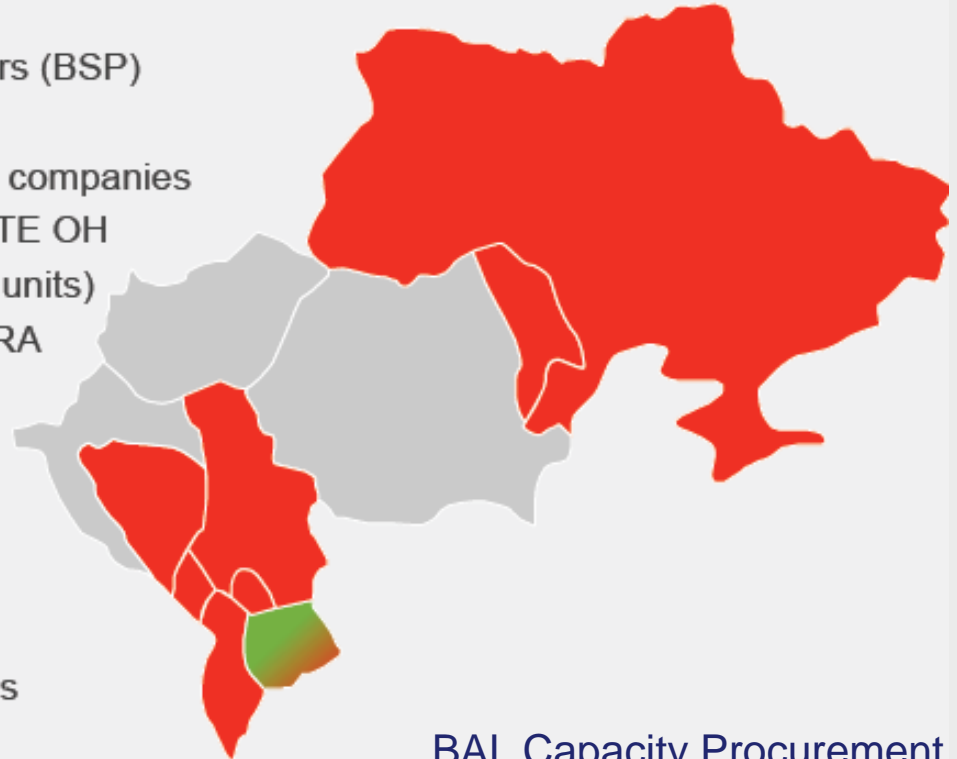
BAL: Do National Rules Fit The Regional Purpose?

Dominantly based on:

- domestic balancing service providers (BSP)
- non-market based procurement
- obligation for incumbent production companies
- volume requirements based on UCTE OH (some CPs- small systems with big units)
- regulated price, approved by the NRA (based on the lump sum)

Except in FYR of Macedonia partly for:

- Replacement Reserve (100 MW)
- Procured abroad
- In the form of TSO-BSP model
- Tendering procedure on yearly basis
- TRM used



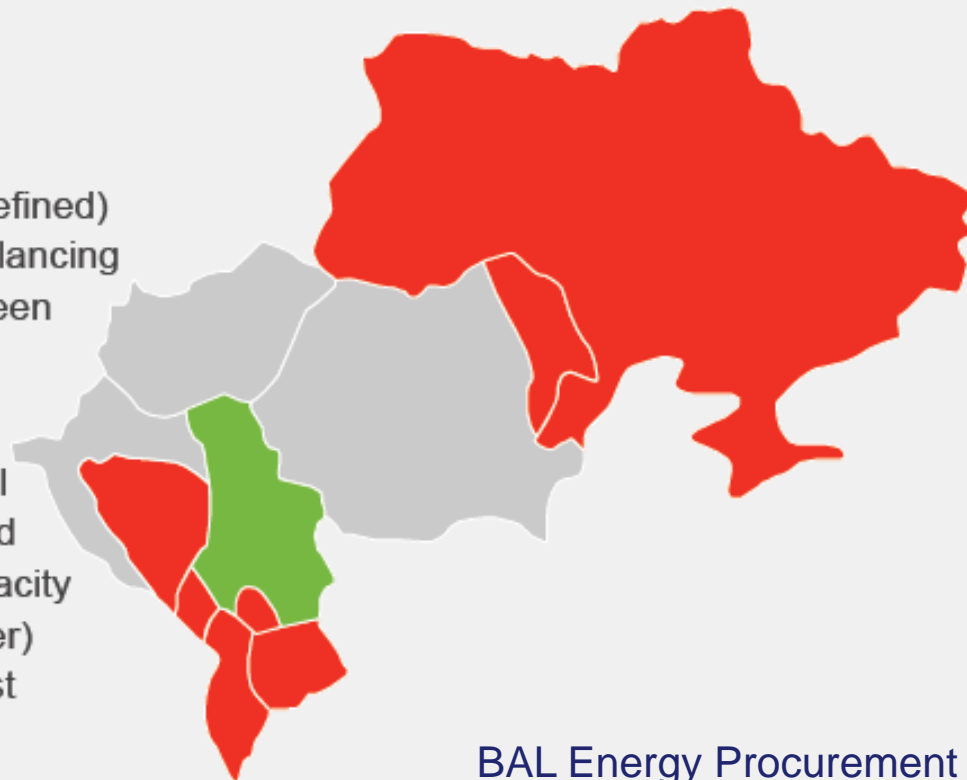
BAL: Do National Rules Fit The Regional Purpose?

Dominantly based on:

- Domestic BSPs
- non-market based procurement
- Obligation for incumbent companies
- regulated price (no balancing tariff defined)
- TSO-TSO model for exchange of Balancing Energy in emergency situation between some CPs or CPs and EU MSs

Except in Serbia:

- Balancing Energy market operational
- Obligatory participation for contracted Balancing Capacity and unused capacity after day-ahead (one dominant player)
- TSO-BSP model with Merit Order List
- Hourly balancing energy bids
- Pay-as-bid pricing



BAL Energy Procurement