



WP 7 – legal, regulatory and financial challenges

Legal framework

The North Sea Countries need to cooperate. We propose a **North Sea Agreement to:**

- Set a common goal for long-term offshore grid development
- Provide a basis for the legal framework in a post-Brexit world
- Create a governance and decision-making structure for the offshore grid
- Adopt rules on regulatory governance, including which entity regulates the offshore grid
- Provide a stable legal framework for conflict resolution in the offshore grid

The first building blocks of a meshed offshore grid are **“hybrid assets”**: cables between at least two countries and at least one offshore wind farm.

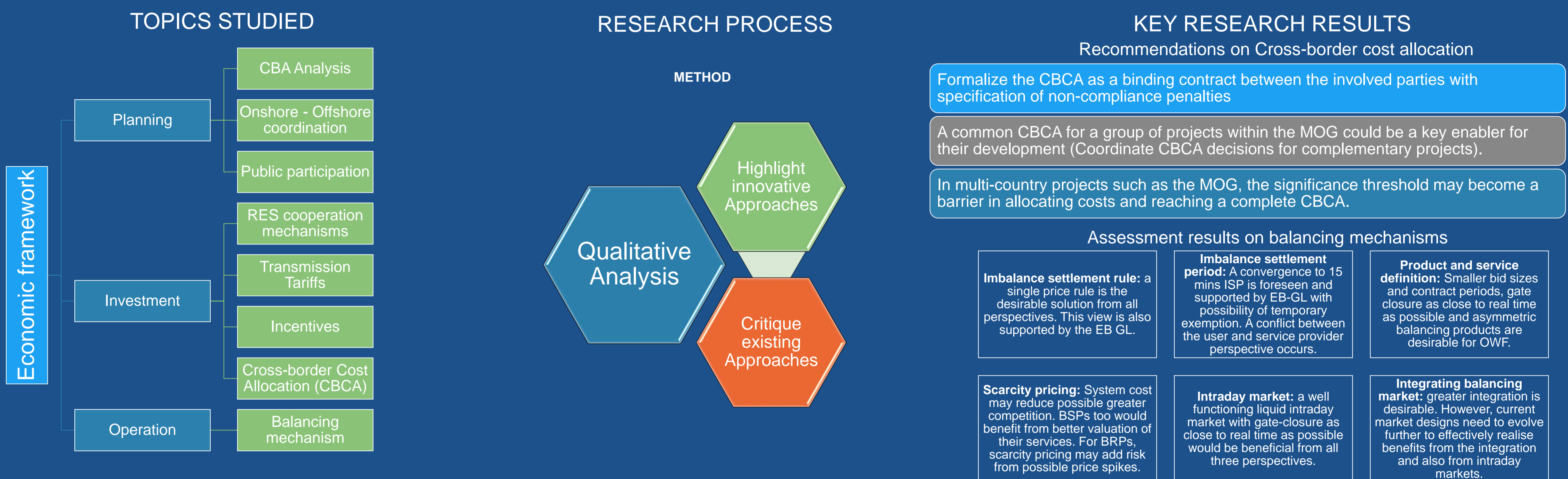
The EU legal framework is not yet adjusted to this: hybrid assets are considered interconnectors, so they need to make 70% of the capacity available to market participants. This puts OWFs connected to a hybrid asset in a worse position than other renewables.

Two possible solutions: amend EU law (make an exception for hybrid assets) or change the bidding zone model (see poster WP12).

Other recommendations:

- The **planning and permitting** frameworks of the coastal states are not aligned with each other. Streamlining would save administrative costs and risks.
- Offshore wind support schemes** are currently nationally oriented. They should at least be opened up to electricity flowing in different directions. Even better: a support scheme for all OWFs connected to the offshore grid, based on “beneficiary pays”
- Decommissioning** of cables and grid assets is a topic that needs more regulatory attention at international level.

Economic framework



Financial framework

A financial framework to kick-start, encourage and accelerate investments in a MOG, will only succeed when an adequate legal and regulatory framework is in place.

The regulatory framework determines the investor income and plays the most important role in attracting investments and securing financing for the MOG. Key regulatory elements to incentivise investments in a MOG are:

The development of a MOG is expected to be capital intensive. Financing structures and ownership models are needed, such that investors can anticipate and fund the required cross-border investments. Examples include:

Great interest in the market for investing in a MOG

Barrier: Lack of adequate legal and regulatory framework for MOG investments

- Regulated income
- Long-term, stable & predictable regulatory framework
- Cost recovery for innovative technology
- Remuneration for anticipatory cross-border investments
- No time lag in cost recognition
- Clear allocation of liabilities

| TSO sub-structure/ SPVs | Tenders of transmission assets to third parties | Innovative financial sources & EU funding |
|--|---|--|
| <ul style="list-style-type: none"> Equity partnerships with external investors TSO-majority of voting rights External investors majority of economic interest | <ul style="list-style-type: none"> High leveraged project finance structures (gearing>70%) Experience in several countries shows sufficient funds should be available Applied at the early phase of development | <ul style="list-style-type: none"> Green bonds Hybrid green bonds Funding from EU (e.g. CEF, EIB support) for innovative technology & anticipatory cross-border investments Accessible to different types of investors |