

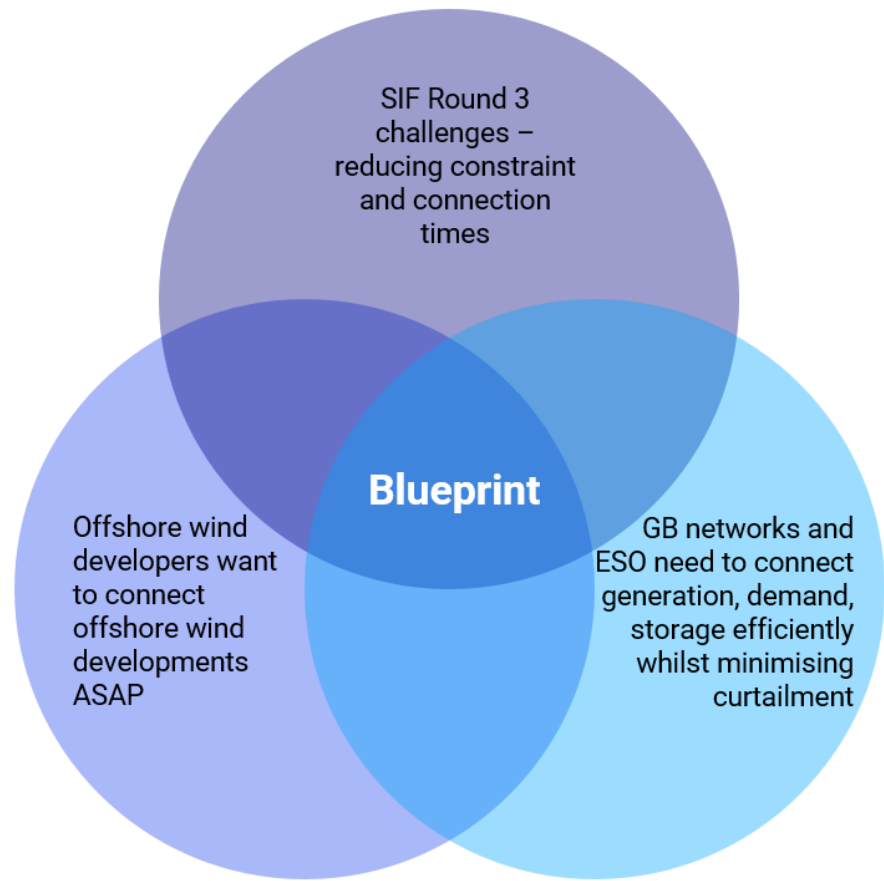
DISCOVERY PHASE SHOW AND TELL

BLUEPRINT

31 May 2024

Project problem

- The HND and HNDFUE are vital to alleviate constraints (and hence constraint costs) on the electricity network.
- However, the HND and HNDFUE are dramatically changing the landscape for offshore wind and transmission network development.
- There are significant technical, regulatory and commercial uncertainties in what the HND and HNDFUE means for offshore wind developers and onshore transmission network owners.
- Blueprint Discovery phase aims to investigate these issues, understand the risks, and develop solutions be implemented



Project overview

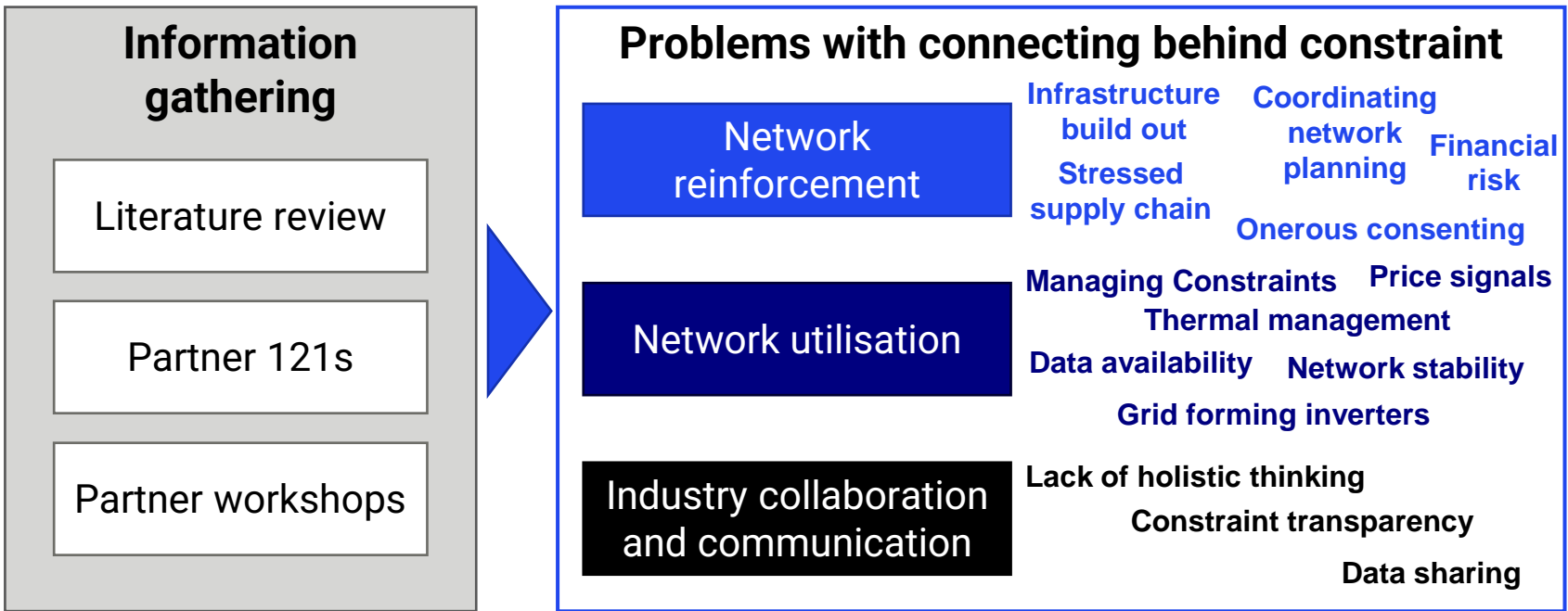


Building Industry Collaboration and Methodologies for Offshore Wind Development Behind Constraint

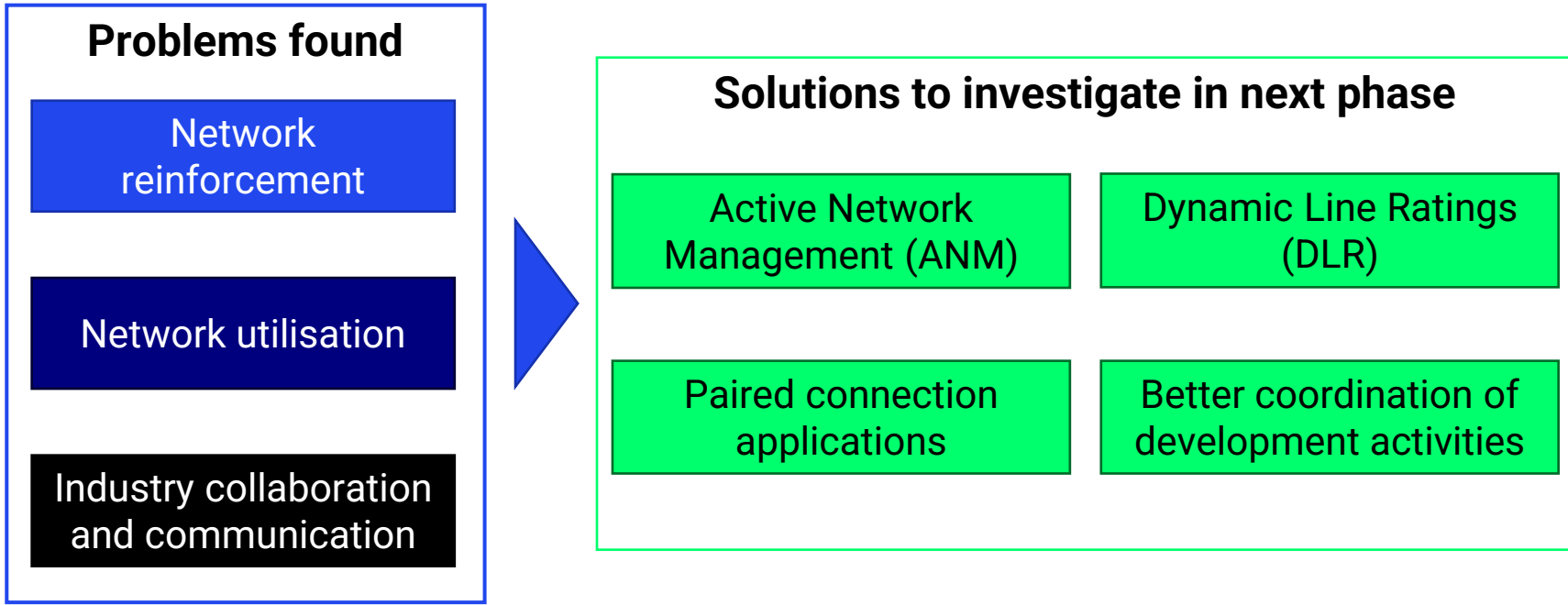


- **Characterise the regulatory, commercial and technical risks and gaps** to offshore wind and transmission infrastructure development in constrained areas to **better understand what is stopping build out** and connection of nationally vital GW-scale offshore wind farms
- **Identify and prioritise potential mitigations and solutions** for these risks and gaps to avoid delayed offshore wind connections and/or high constraint payments.

Gap analysis – problems identified



Gap analysis learnings – solutions identified



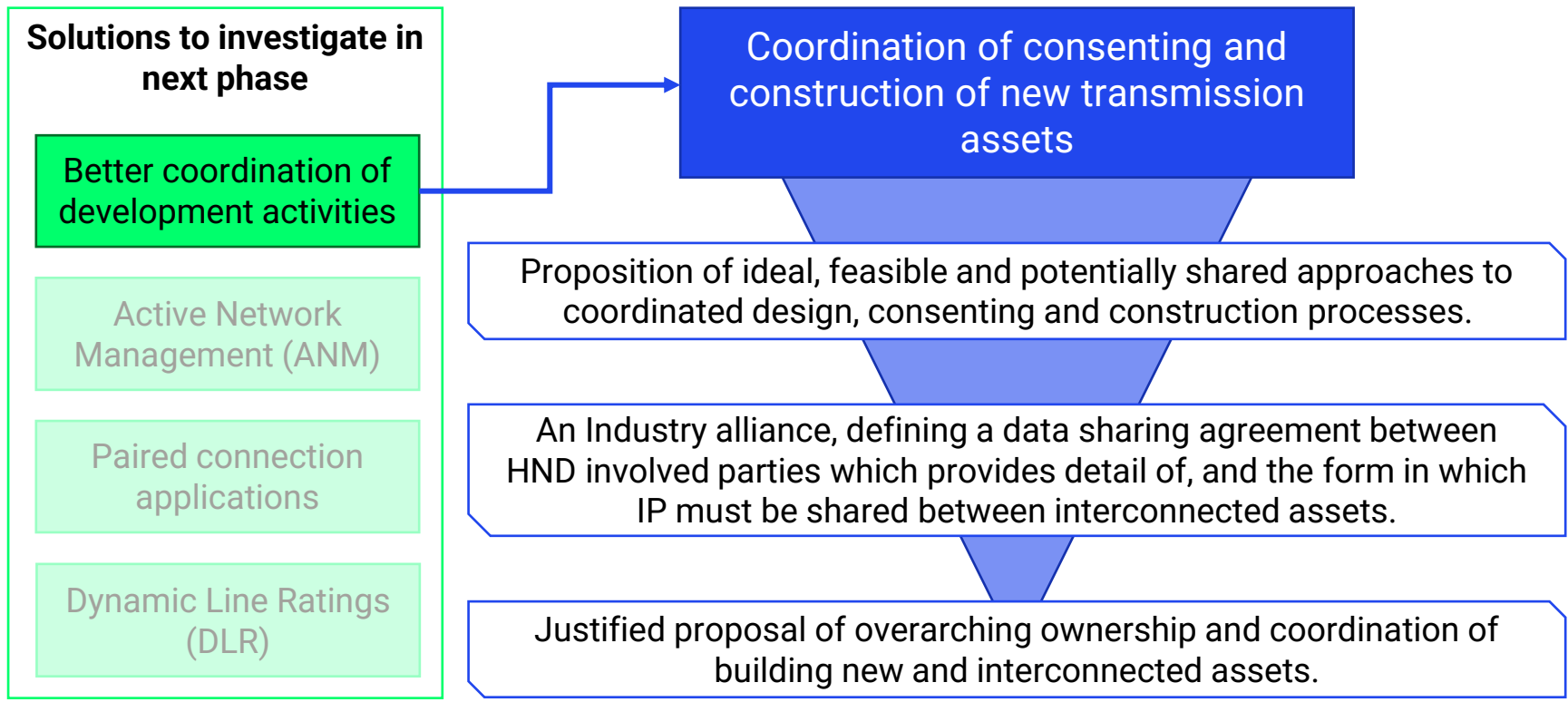
Benefits of discovery phase

Aligned industry partners and key players on gaps and priority solutions for mitigating connection behind constraint.

Identified viable beyond BAU solutions to increasing current network capacity and maximising build out of future networks.

Highlighted the need for increased coordination between major HND stakeholders on data, consenting and construction.

Future activities and next phase



Any Questions?

Contact details

- Simon.Stromberg@sse.com
- Robert.Bloom@carbontrust.com
- Robert.Keast@carbontrust.com

