Innovation driven solutions for sustainable transport
The Green Deal and transports – Case Aurora Bothnia

- The Green Deal materializes in the regions and the Aurora Botnia represents a case where public procurement is used to foment innovations.

- The process has been driven regionally and by a cross-border cooperation between Ostrobothnia, Finland and Western Bothnia in Sweden.

- It also represents a public-private partnership in the technological design of the ferry - the most environmentally friendly in the world.

- The Vaasa Energy Cluster is led by vertically well integrated MNEs. The public procurement has been used to integrate horizontally state-of-the-art technologies in a showcase.

- Innovation lies in integration and in connecting actors in a new way and this happens in regional processes.
Decentralised versus centralised energy solutions

• The future energy solutions are based on decentralized RES-solutions

• New decentralised energy solutions are driven by global pressures like “sense-making” of global business. Moreover by political desire i.e. 93% of the population in EU thinks that the green transition is urgently needed.

• Working with Foreign Direct Investment (FDI) constitutes a new challenge for regional authorities.

• We have observed that Public-Private partnerships also constitutes part of a business “legitimacy” - a desired company profile when working towards the green transition

• Key in investment considerations - the ability to find environmental regional solutions that minimize the CO2 emissions

• The Ferry has also been key for transports in the Nordic Battery Belt.
• Our regions can be linked to emerging tendencies which increase the down-stream effects of the development.
**Why Nordic – Battery - Belt**

**RAW MATERIALS**

Finland and also Sweden offers an full portfolio of different battery materials. Mines are mainly located in North. Closeness to refineries close to Vaasa will minimize Co2 footprint in battery manufacturing.

**REFINING**

Close to Vaasa we have world leading battery mineral refineries and extensive knowledge and experience in the processing of raw materials.

**SUSTAINABLE ENERGY**

in Vaasa, we can offer 100% sustainable energy.
Thank you!