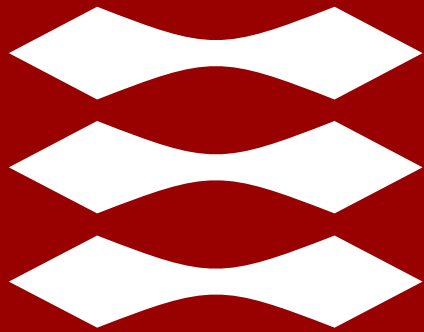
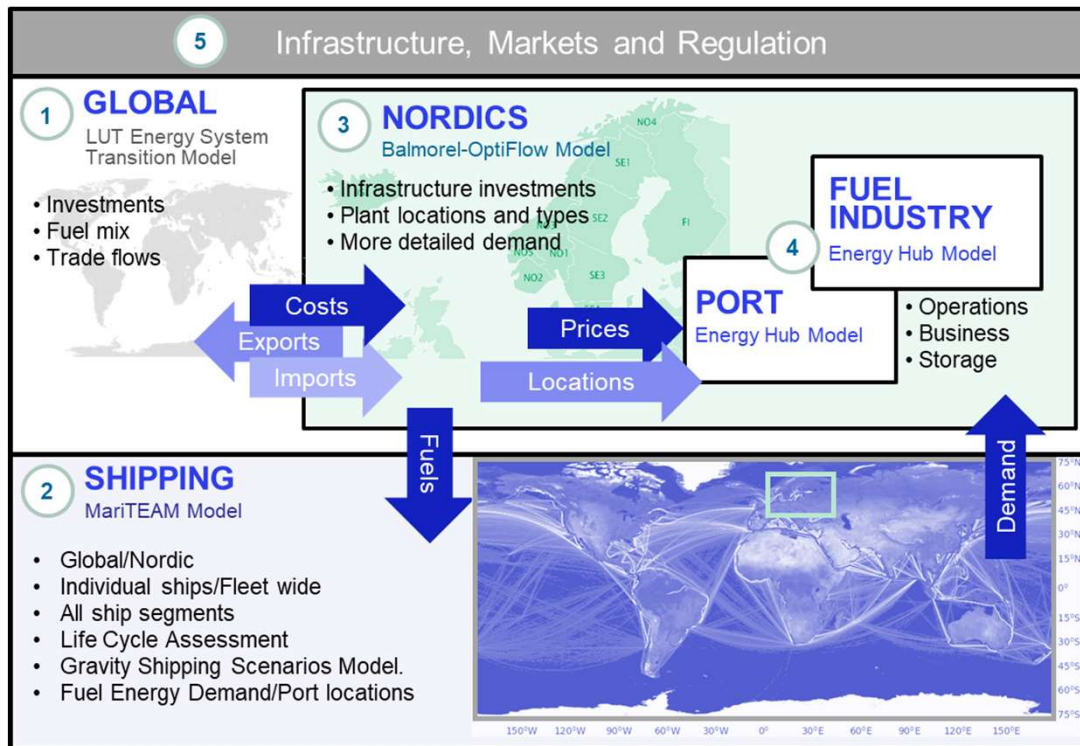


DTU



Upcoming PtX projects



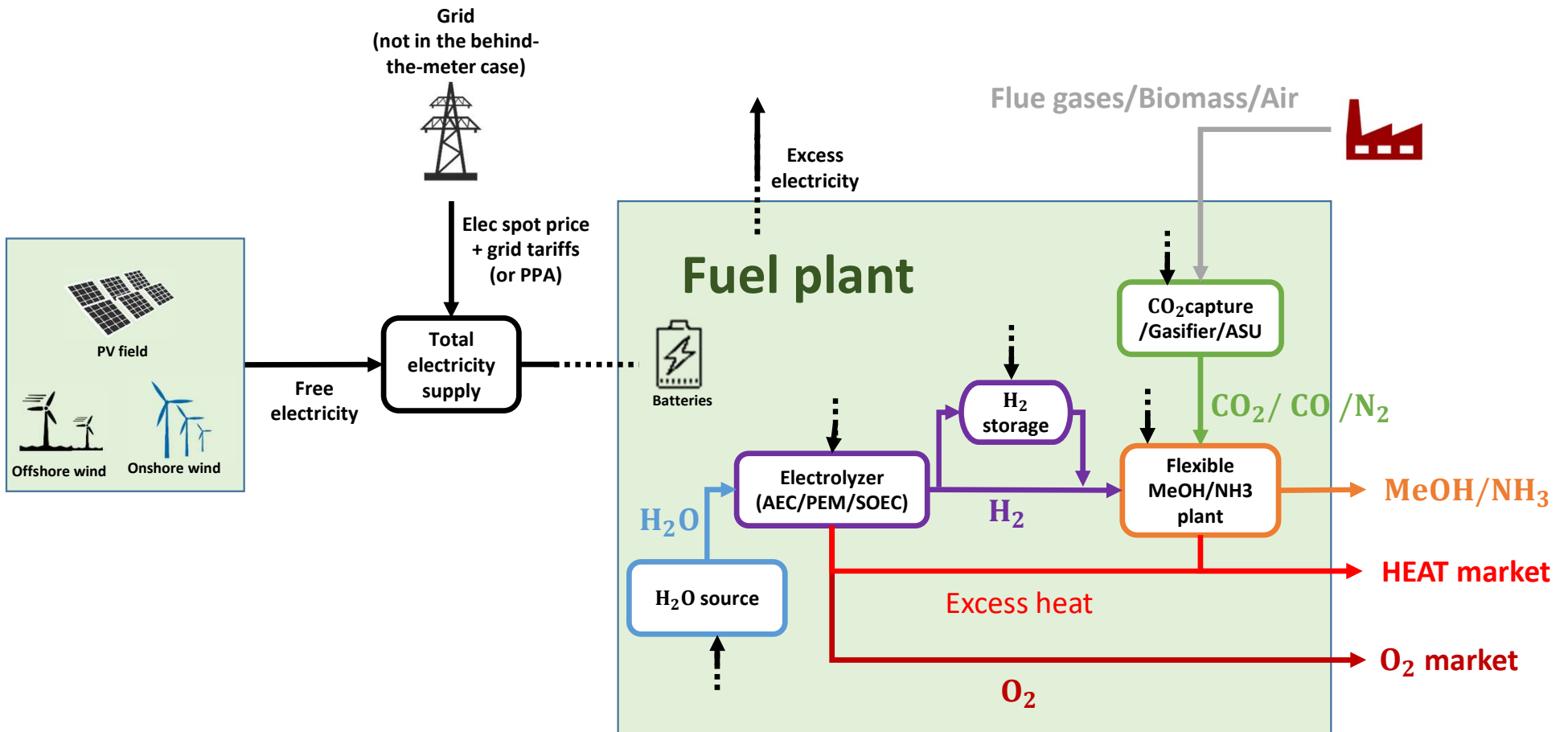
1. A Global Renewable Energy System - Trade Flows and Costs
2. Fleetwide Life-Cycle Assessment of Maritime Fuels, Energy, and Ship Operation
3. Renewable Fuels - Infrastructure and Investment in the Nordics
4. Energy Hub - Operation in Industrial Hubs and Ports
5. Infrastructure, Markets, and Regulatory Challenges

Scientific Partners

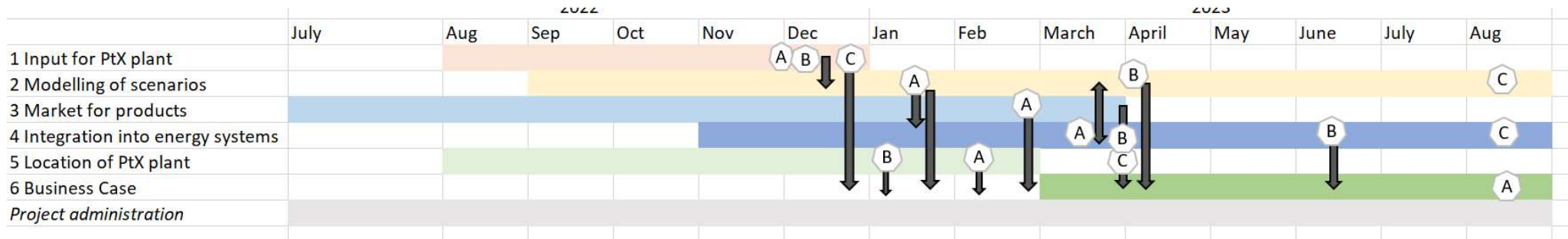


Industrial Partners





Timing and partners



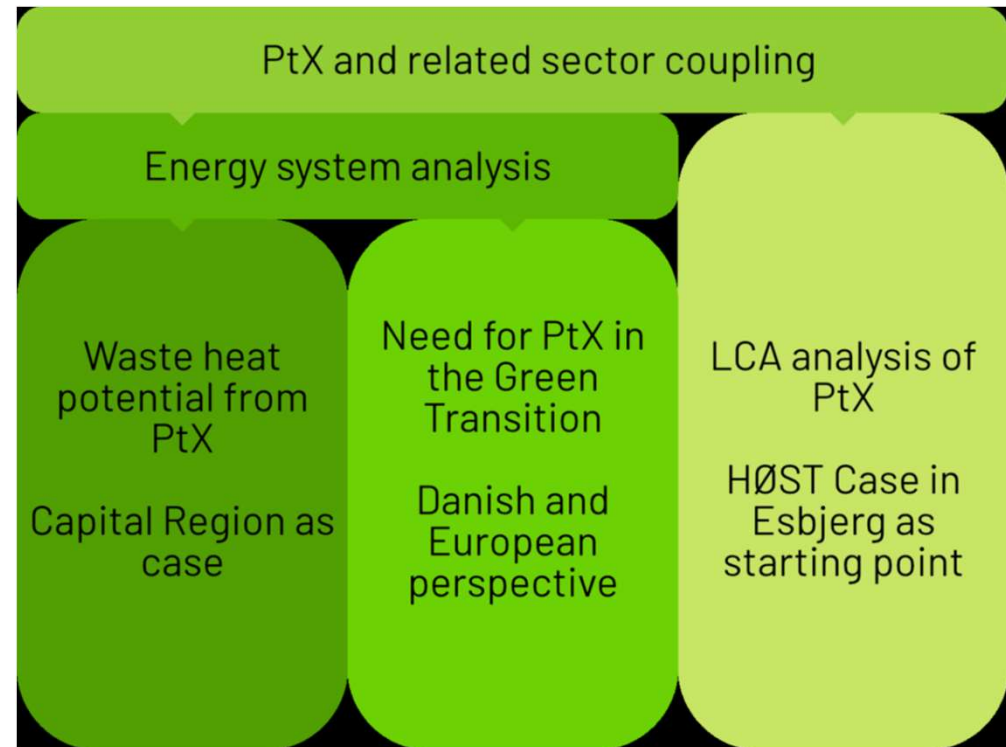
- Rønne Havn A/S
- Danmarks Tekniske Universitet
- Bornholms Energi & Forsyning A/S
- Gate 21
- Haldor Topsoe A/S
- Bornholms Regionskommune (BRK)
- Skovgaard Energy
- Ramboll
- Ørsted Hydrogen
- Danfoss Power Electronics

PtX Sector Coupling and LCA



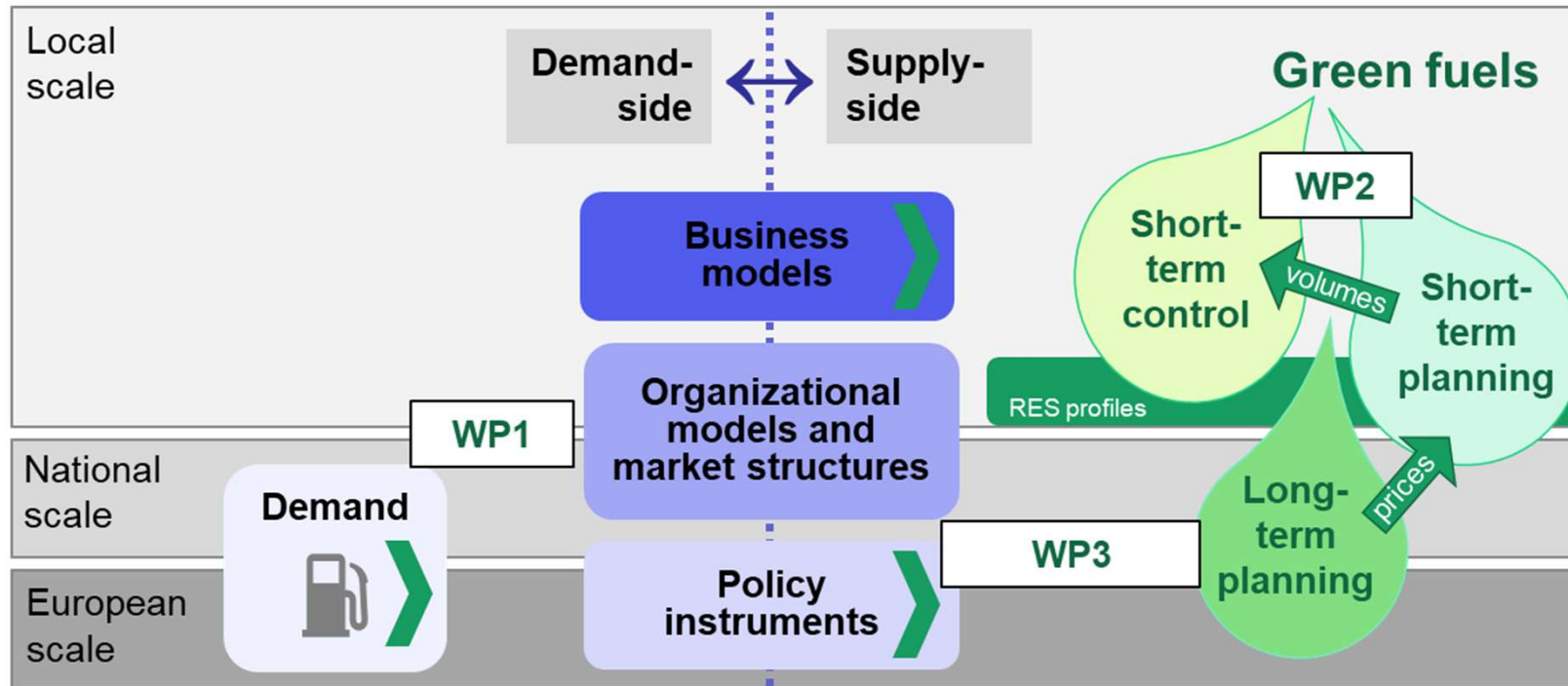
PI Henrik Lund, AAU

- September 2022 to September 2024



PtX Markets proposal

The overall **objective** of this project is to assess the market potential for hydrogen and green fuels and their implications for the European electricity market. As such, it will focus on both, the short-term **operations** of PtX assets on different electricity markets (spot and balancing power), as well as the **long-term market design, and regulation of green hydrogen/fuels**



PtX Infrastructure

Application on IM2 on modelling of hydrogen and CO2 infrastructure (grids and storages) in European integrated energy systems

Partners

- GreenStorageDenmark
- Evida
- EA
- EnergyModelingLab
- PlanEnergi
- Aarhus University
- DTU

