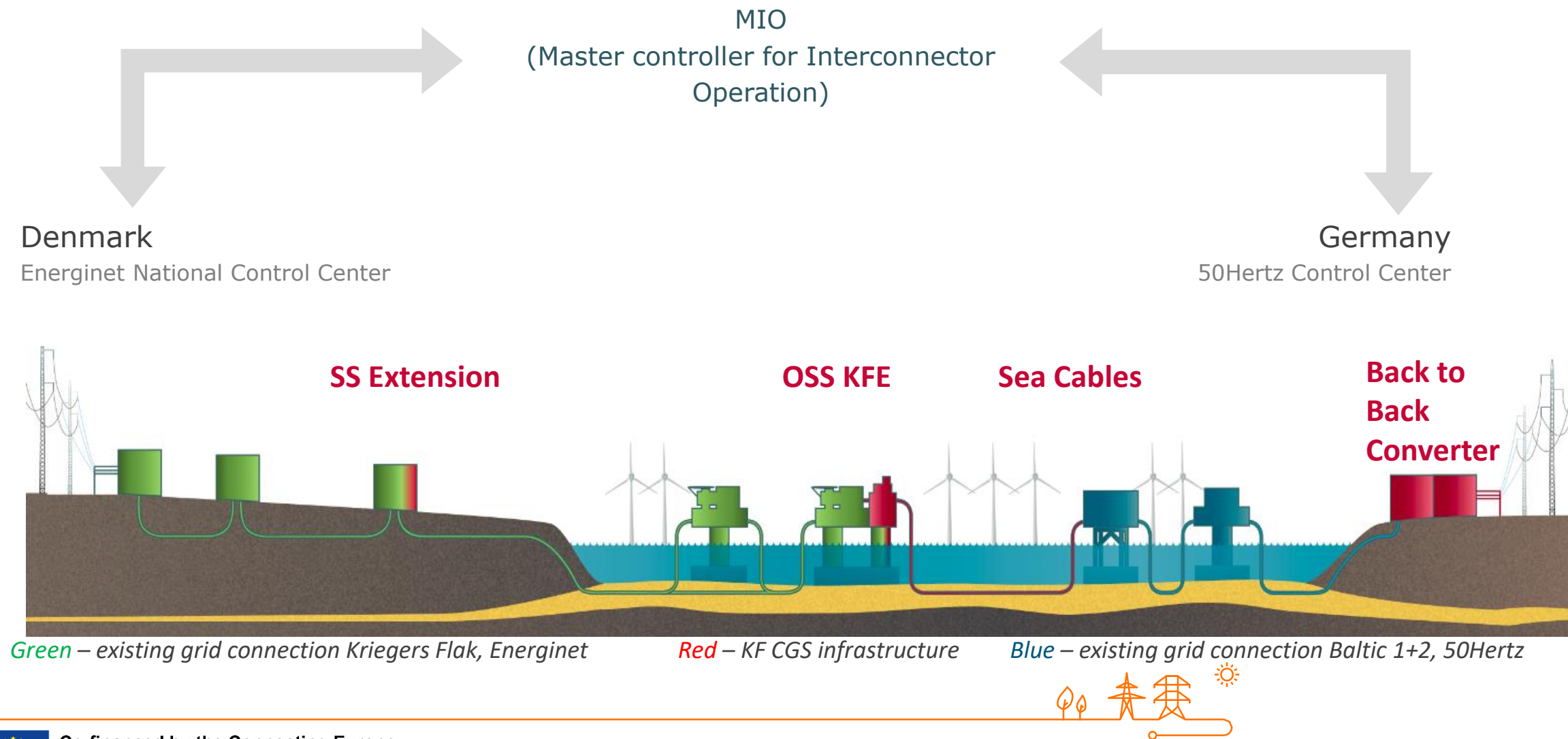


Maritime Spatial Planning and Offshore Wind – Kriegers Flak Combined Grid Solution (KF CGS)



Kriegers Flak Combined Grid Solution



MIO Input Data – Brain Food

Wind forecast

Dynamic line
rating currents

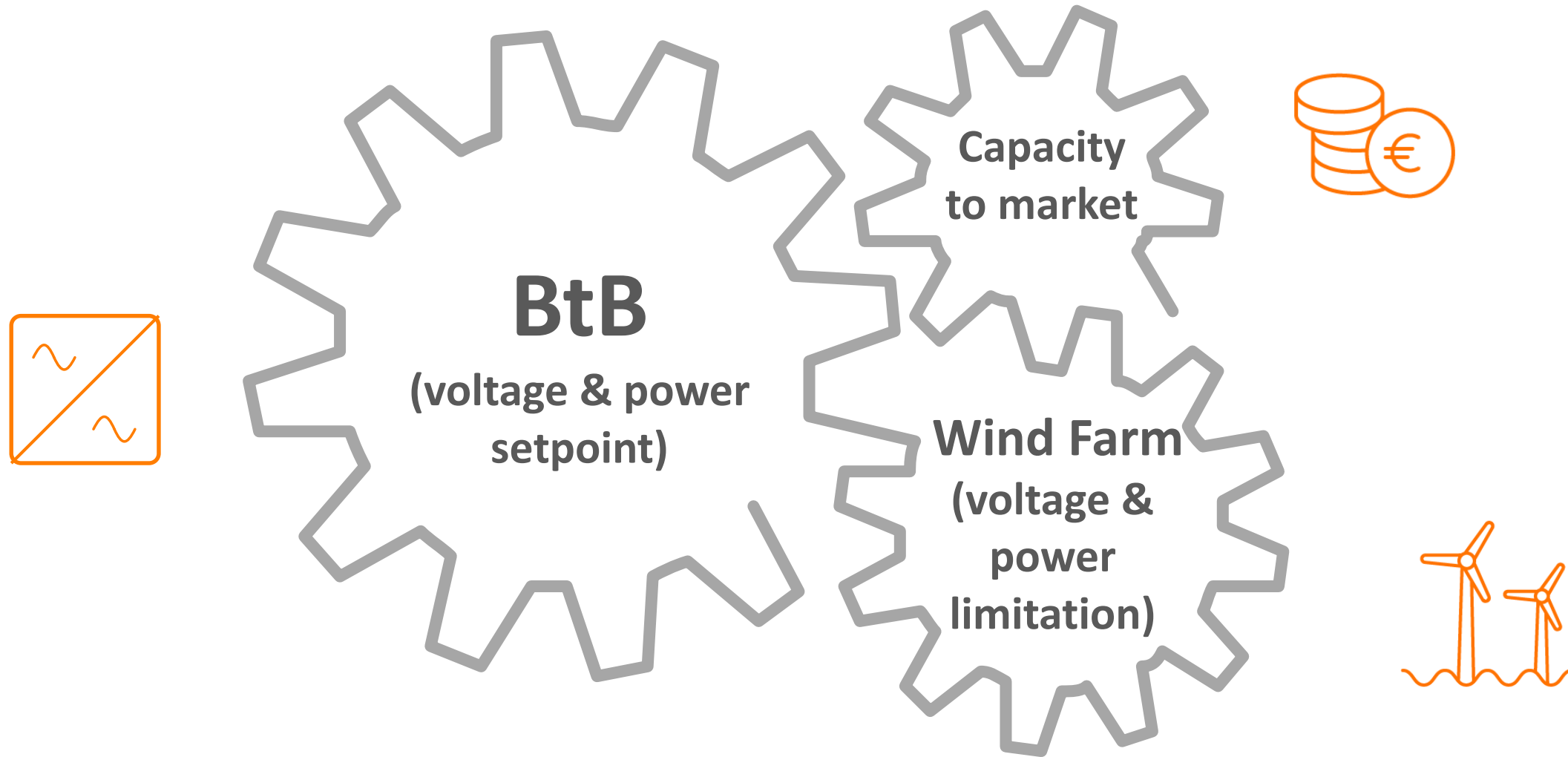
Actual topology
and
measurements



Market schedules

Outage Planning

Onshore
grid
capacity



Kriegers Flak Combined Grid Solution - Status

Status as of September 2020

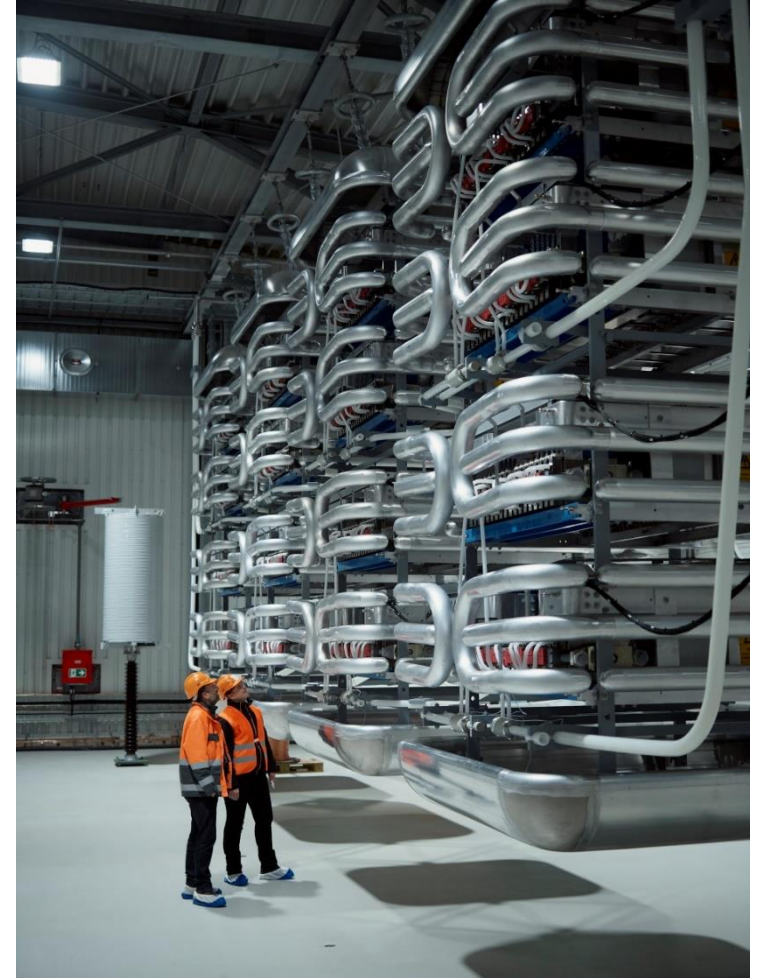
- All offshore assets (cable, platform extension, etc.) completed
- System tests back-to-back-converter completed
 - System tests in isolation done, connection DK-DE successful
 - Trial operation to be started
- Market capacity to be available as of 15 December 2020

Market arrangements

- The CGS is part of the DK2-DE/LU border in CCR Hansa. The capacity not needed to transmit the OWF production to the respective national transmission grid, is made available to the market
 - DA capacity calculations based on wind generation forecasts
 - Countertrading in case of high underestimation of the wind infeed

Lessons learned

- Rules governing use of the asset need to be agreed early on
- Close cooperation of all stakeholders is key to align interests and incentives



Thank you.

