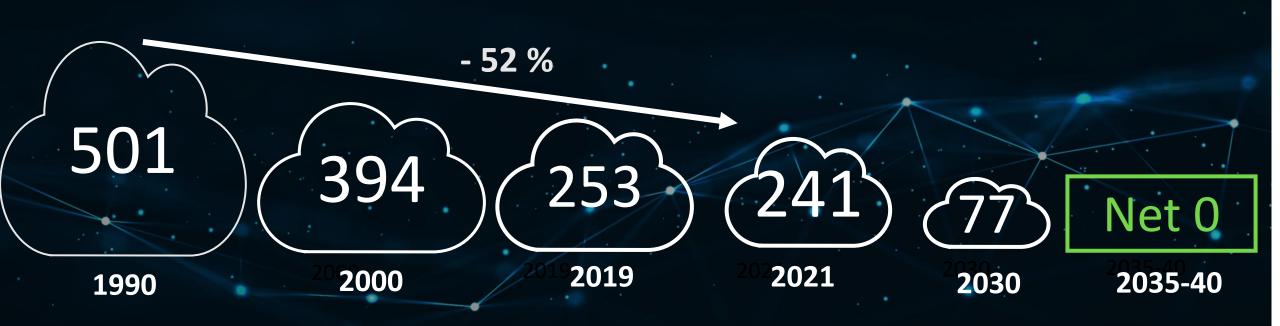


The power sector is on a path to net zero



The emissions intensity of the power sector has dropped dramatically since 1990. Although there was a slight increase in emissions intensity in 2021, the emissions intensity in 2021 is still below 1990 level.

REPOWER EU

Renewable Energy

Binding 45% target for 2030



Solar Strategy

Close to 600 GW of

solar by 2030





Binding 13% target for 2030



short-term intervention Structural reform





Renewable Hydrogen

- 10 million tons domestic
- 10 million tons of imports



Challenges for the energy system







1. Enable the transition

- Fit-for-purpose tariffs
- Modernise / digitize
- Sustainability

2. Invest in the grid

- €500 bn challenge
- Access to EU funds
- Long term visibility

3. Get ready

- Hard resilience
- Cyber security





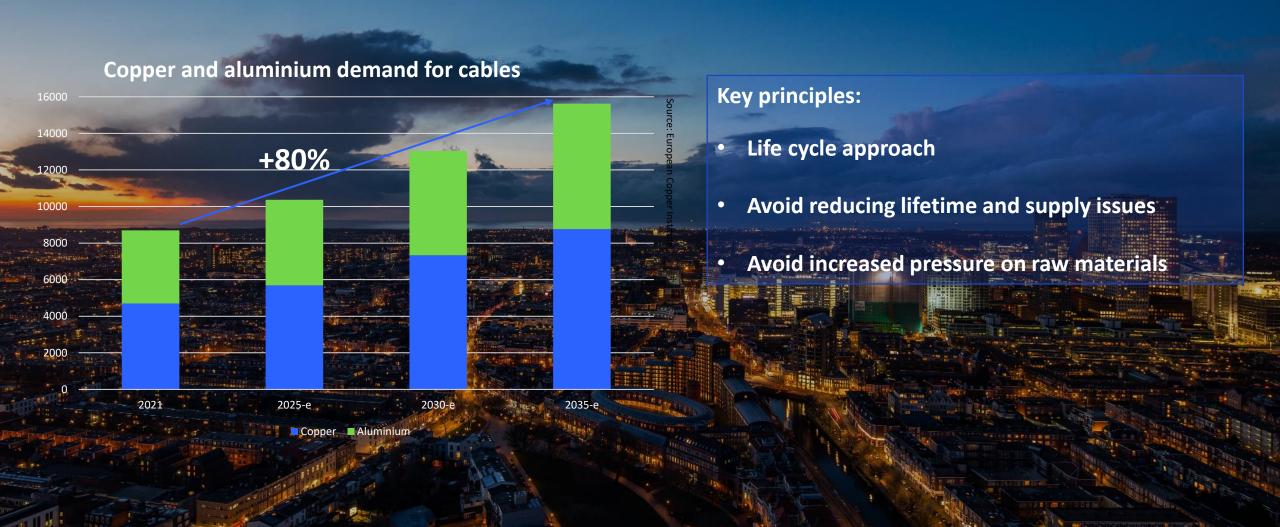
Challenge #1 – Enable the transition





Challenge #1 - Enable the transition

Make the grid an asset for sustainability





Challenge #2 – Invest in the grid

Electricity grid investments over the decade (bn€ 2022)



Key trends that call for investments in the grid:

- 1. Increase in power demand
- 2. Electrified society
- 3. Changed generation mix
- 4. Ageing infrastructure

Overall, this is a € 600 billion investment challenge over the decade



Challenge #2 – invest in the grid

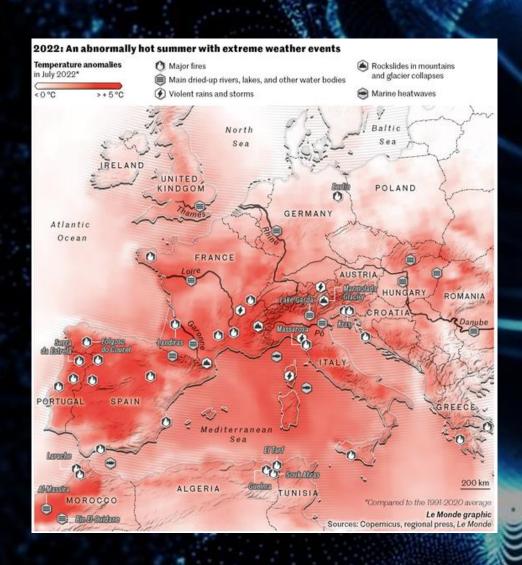


We must reverse today's receding investment trend in distribution grids, by facilitating access to EU funds with tailor made eligibility criterion.

This should start by raising awareness on the EU funding poprtitunities for DSOs.



Challenge #3 - Get ready



Resilience is key for climate change adaptation, but also for building stronger and safer energy infrastructure at the European level



