

Eurogas Distribution Committee

Peter Kristensen,

Chief Strategy & Commercial Officer, Evida (Danish Gas DSO)

REPowerEU

→ 20 mt of hydrogen and 35 bcm of biomethane per year by 2030

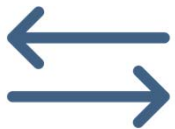
From top-down to bottom-up planning



REPowerEU indicates a target of **20 mt of hydrogen** and **35 bcm biomethane**. To achieve this plan, DSO will be needed.



DSO will therefore need to be properly considered in any scenario to be developed around the EU infrastructure: top down is not enough, bottom up is needed.



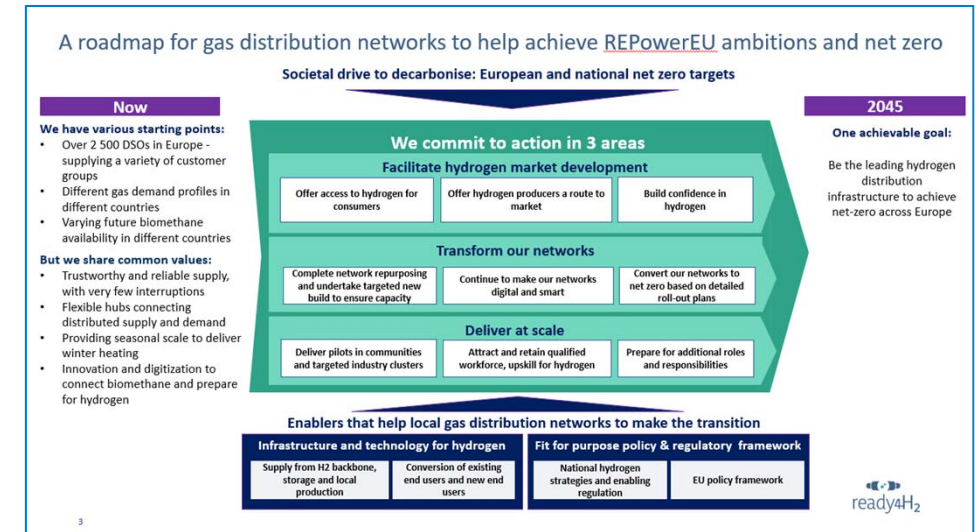
For hydrogen, DSO are preparing to repurpose the infrastructure or already doing so.

REPowerEU → 20 mt of hydrogen per year by 2030

From top-down to bottom-up planning

- › Drive for Investments is increasingly bottom-up
- › Hydrogen applications and technologies are evolving issues -> scenarios need to take this into account

- › **Ready4H2** and **H2vorOrt** are examples of the dynamic and proactive role DSOs are playing in the deployment of these technologies, with concrete roadmaps



REPowerEU → 35bcm of biomethane per year by 2030

From top-down to bottom-up planning



Reliable connection to the sharply increasing number of biomethane units and plants → “**4,000** medium size units and **1,000** large scale plants to be built by 2030 to achieve the objective”(cf. EBA forecast)



Safe injection points based on national gas quality standards and **grid digitalization solutions** enabling a smooth management of different gas blends and system balancing



With decentralized production and changes in consumption close cooperation with TSOs (top-down vs bottom-up), **joint network planning** and management of **reverse flows** is essential