

Hydrogen and Gas Market Decarbonisation Package

Bartek Gurba, European Commission

EU Strategies

- European Green Deal
- Methane Strategy
- Hydrogen Strategy
- Energy System Integration Strategy





Future role of renewable and low-carbon gases

Demand

- Hard to electrify sectors
- (Winter) peaks in heating
- Flexibility (power production)

Supply

- Decentralized production
- Availability of renewable electricity and sustainable feedstock
- Depends on incentives as costs of emissions are not fully internalized

Where?

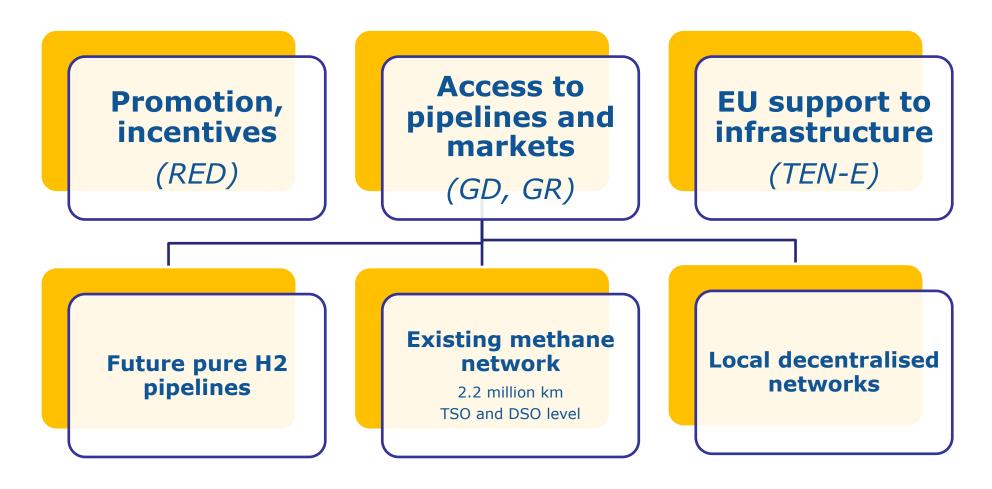
- Differences between MS/regions
- At TSO/DSO level → backbone vs. decentralized production
- Less imports/more domestic production?

When?

- Biomethane: mature technology
- •H2 Roadmap: progress in stages (2024, 2030, 2050), biggest potential
- Synthetic methane, CCS(U): in development



Architecture of the gas market reform



What is next?

Outreach

- Webinars
- Large stakeholder event

Interinstitutional

- Council/PCY conclusions
- EP reports

Legislative reviews

- EED, REDII, Gas Market
- Beyond ENER

Recovery

- Guidance
- Workshop with MS
- Power Up Flagship

