



# Hydrogen and Gas Market Decarbonisation Package

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# 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

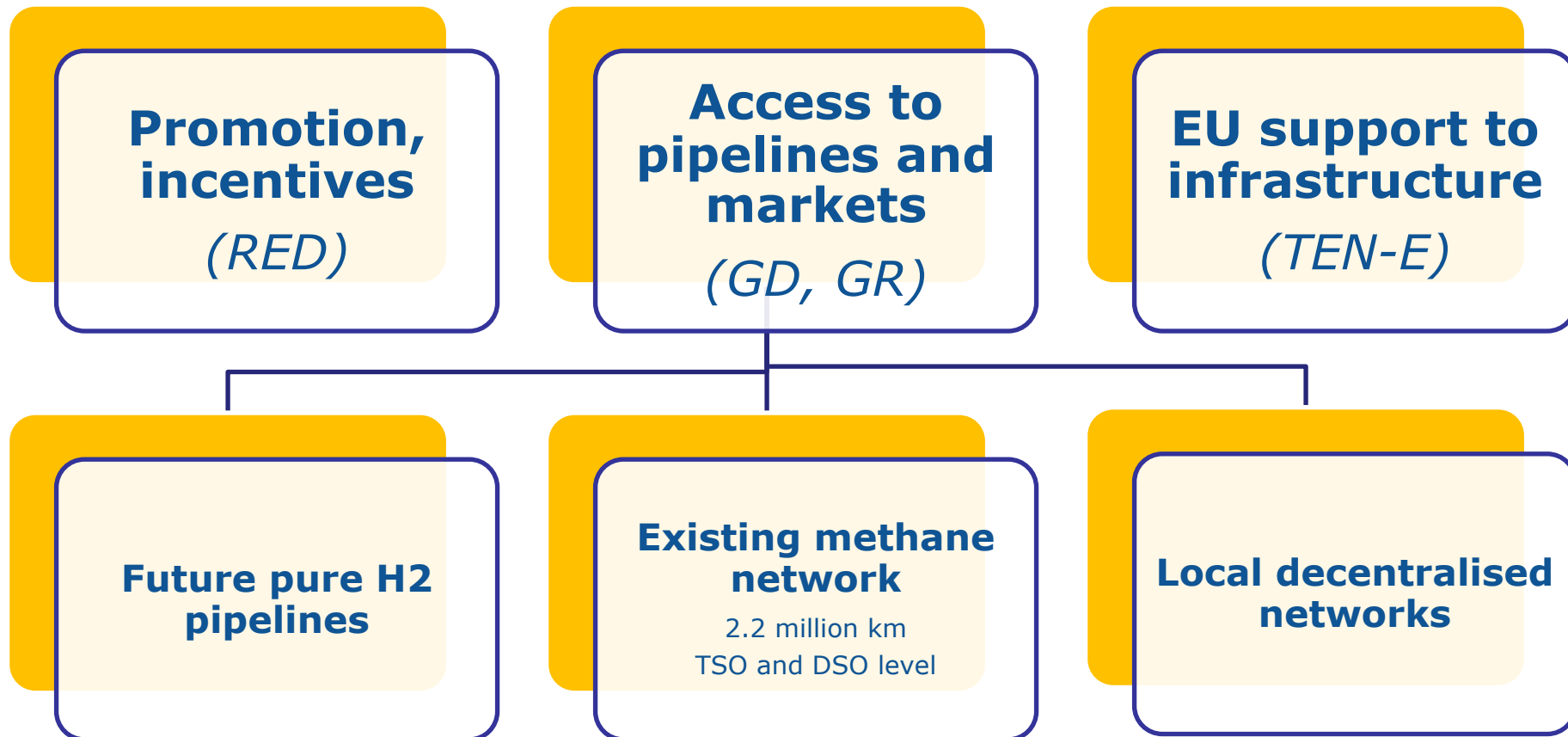
### Where?

- 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?

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