

Power System Perspective

- Present and future situation
- Grid stability
- Ancillary services
- Requirements for sizing and siting of P2X in electrical grids
- Techno-economic analysis with focus on market integration

Technology Overview

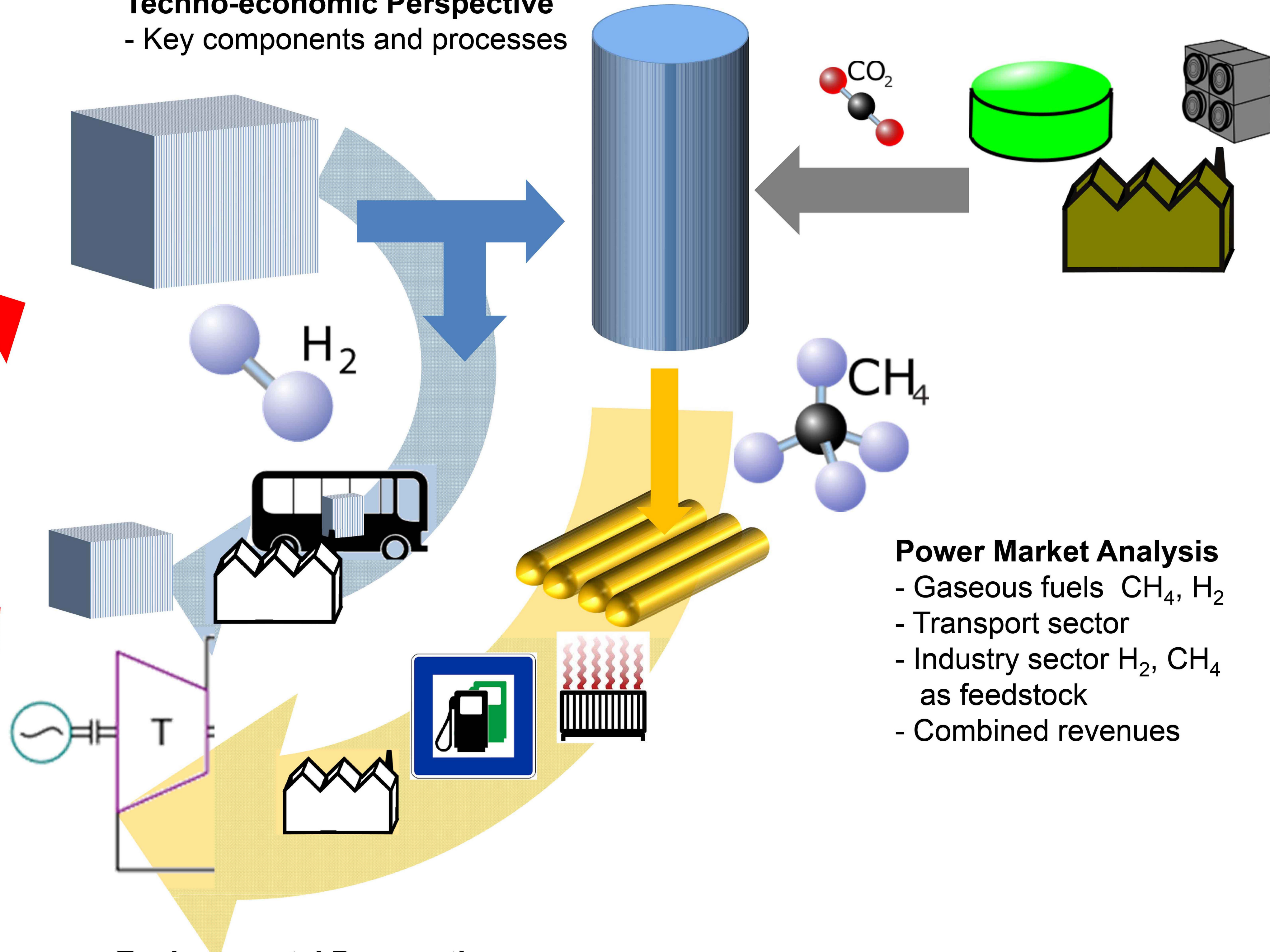
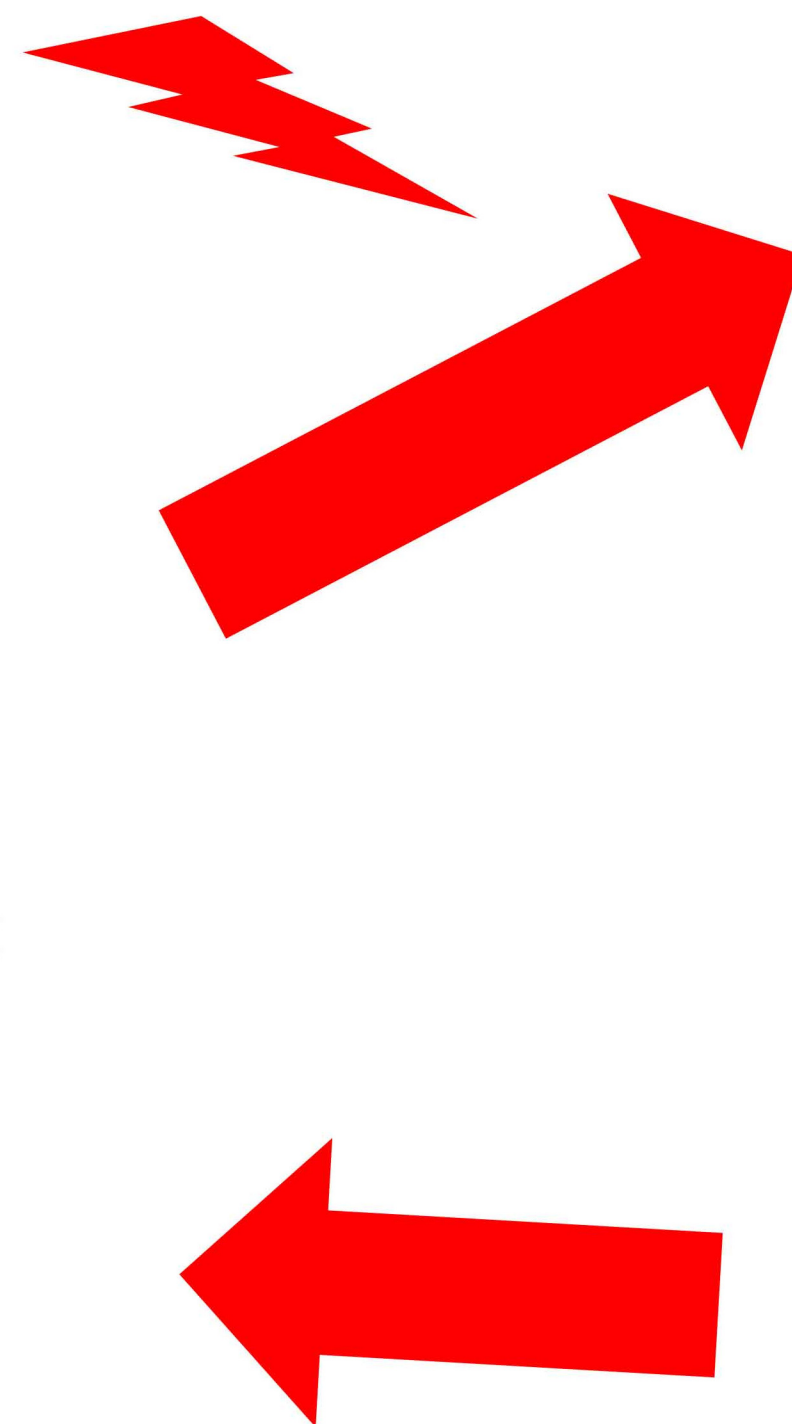
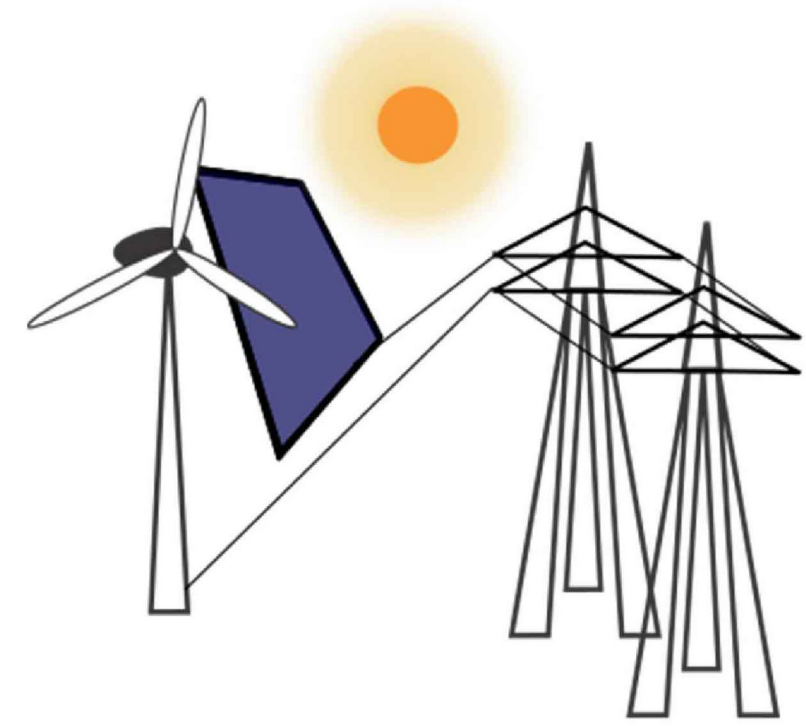
- P2X pathways

Techno-economic Perspective

- Key components and processes

CO₂ Sources and Markets

- Biogenic
- Industrial
- Direct Air capture



Regulatory Perspective

- Law affecting all P2X systems
- Law affecting P2X in the markets
 - Electricity
 - Transport
 - Heating
- Innovation policy

Power Market Analysis

- Gaseous fuels CH₄, H₂
- Transport sector
- Industry sector H₂, CH₄ as feedstock
- Combined revenues

Environmental Perspective

- LCA (incl. use of product as relevant and possible)
- Compare P2X with conventional technology