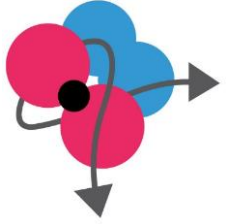


ELEGANCy

**Fast-tracking pathways for clean hydrogen:  
Legal and policy frameworks for re-designing gas markets.**

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University of Oslo, Faculty of Law  
European Parliament, 29.01.2020.  
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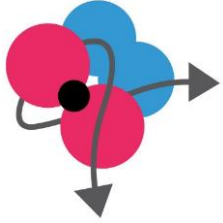
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## Content

- 1. Fast-tracking pathways and consistent legal framework: central considerations**
- 2. Key principles for gas-market re-design: recommendations**

# 1. Fast-tracking pathways and consistent legal framework: central considerations



## Enable H2

- Take part to gas market under decarbonisation targets.
- Ensure flexibility.

## Align with Clean Energy Package

- Ensure sector integration.
- Towards an internal market for sustainable gases.

## Ensure a fair energy transition at all levels

- H2 benefits at all levels.
- Decarbonisation at least costs for customers.

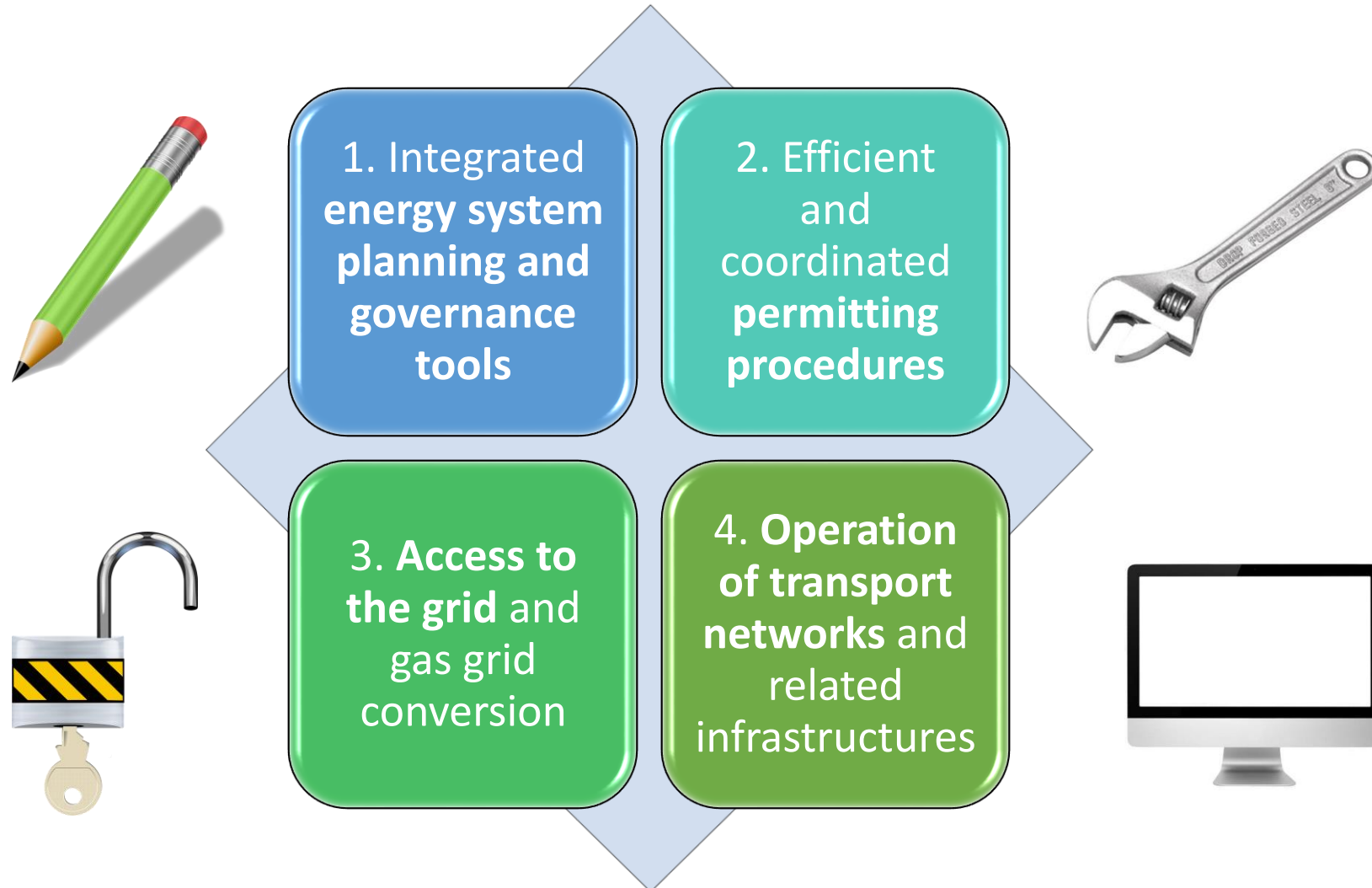
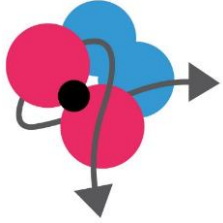
## Seize windows of opportunity

- Decommissioning, re-use, re-purposing.
- Avoid stranded assets situation.

## Streamline regulatory and financing support

- Just transition mechanism, sustainable finance taxonomy, EEAG-state aid guidelines revision.

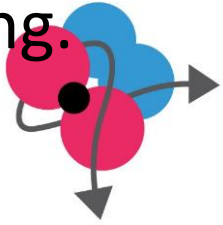
## 2. Key principles for gas market re-design

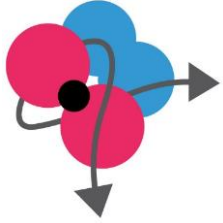


1. Integrated energy system planning and governance tools



- **Integrate** sector coupling/H2 in **energy systems** planning.
  - Gas grid planning alone, but also together with electricity grid planning;
  - Make H2/sector coupling part of the Ten Year Development Plans (TYDPs);
  - Align Gas Target Model;
  - With good, inclusive consultation processes.
- Ensure **coordination**:
  - Rely on the Governance tools for the Energy Union, including NECPs;
  - Clarify responsibilities (planning, monitoring, regulatory competences).
- Promote **cluster** approach.

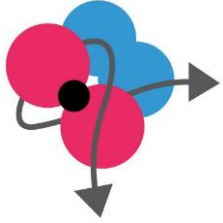




2. Efficient  
and  
coordinated  
permitting  
procedures



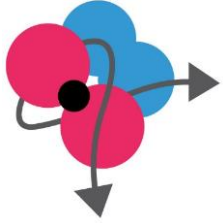
- Facilitate **infrastructural coupling** through the regulatory framework:
  - Make sector coupling an assessment criteria;
  - Adjust life cycle assessment procedures;
  - Towards more integrated permitting procedures.
- Review **TEN-E regulation** accordingly.



- From blend **compatibility** to gas grid **conversion**.
- Aligned definition for **low carbon gases**.
- Internal Energy Market (IEM) perspective.
- Review **grid access** and **grid use** regimes:
  - Third Party Access rules
  - Network tariffs
  - Billing and metering
  - Grid capacity and alternative solutions for curtailment.

3. Access to the grid and gas grid conversion





4. Operation  
of transport  
networks and  
related  
infrastructures



- Assess the **role of gas TSOs/DSOs** under sector coupling:
  - Neutrality
  - Unbundling regime
- Precise the legal qualification for **H2 storage**.
  - Consider ancillary services for the power sector.
- Better enable **H2 and CHP applications**: heat regulation.