



Présentation du FCH 2 JU

Laurent ANTONI

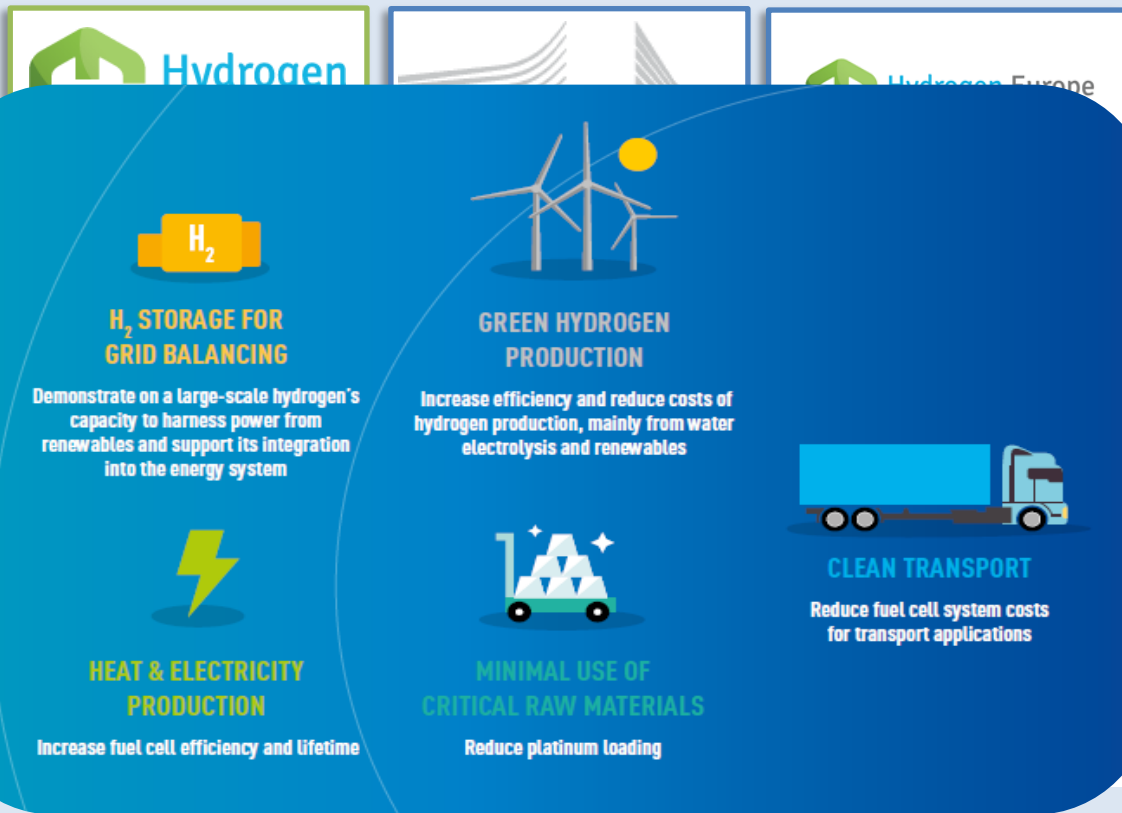
Président Hydrogen Europe Research



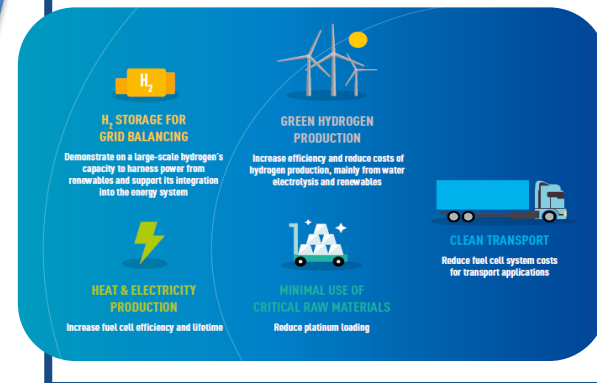
FCH 2 JU : Organisation, objectifs

Industry-led Public-Private Partnership (PPP)

Fuel Cells & Hydrogen Joint Undertaking (FCH 2 JU)

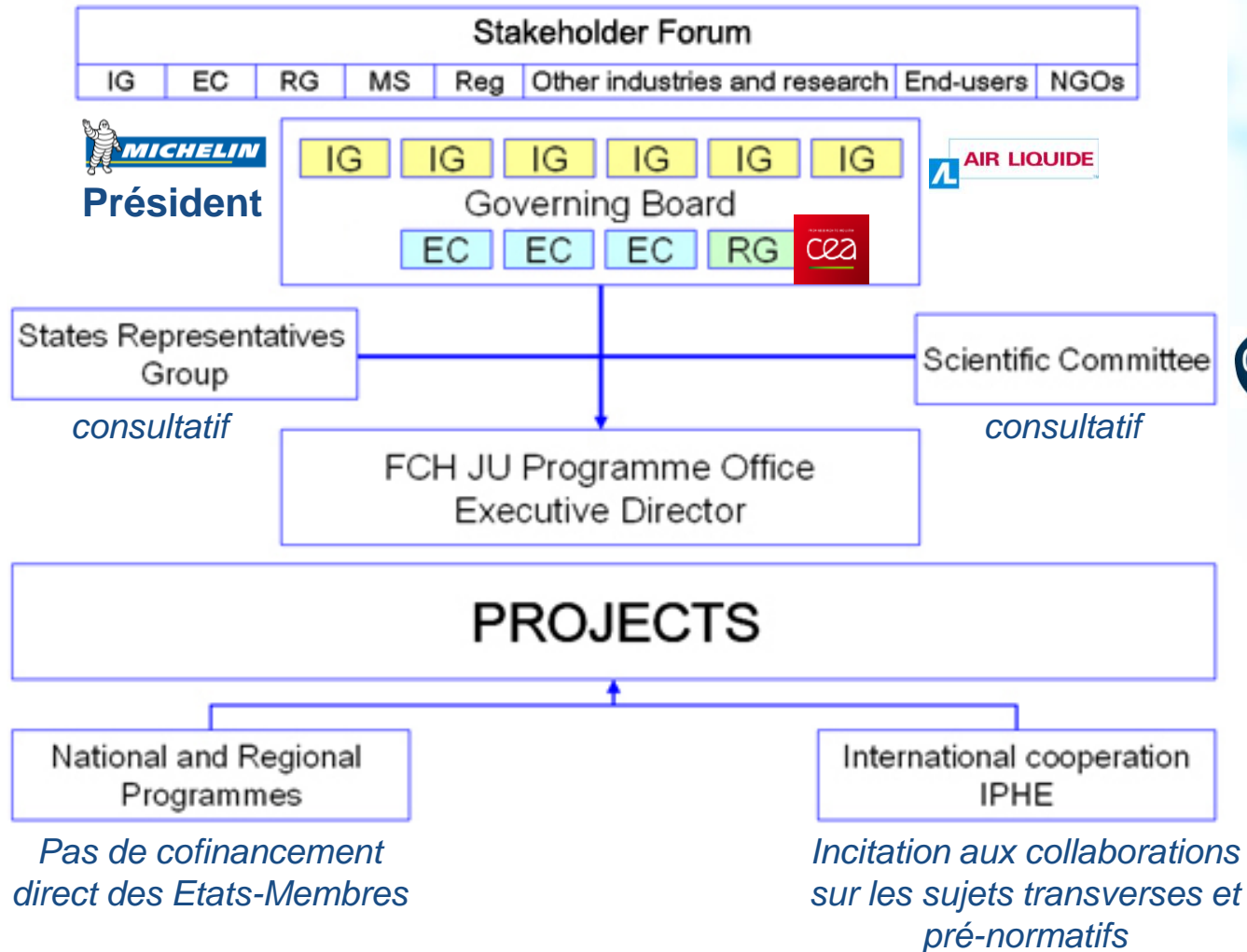


Mise en oeuvre d'un programme de R&I pour amener les technologies H₂ & Piles à combustible à une phase de commercialisation avant 2020.

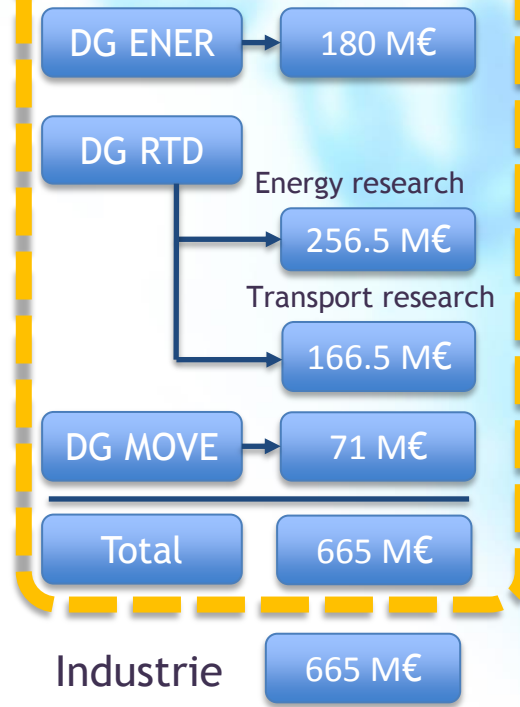
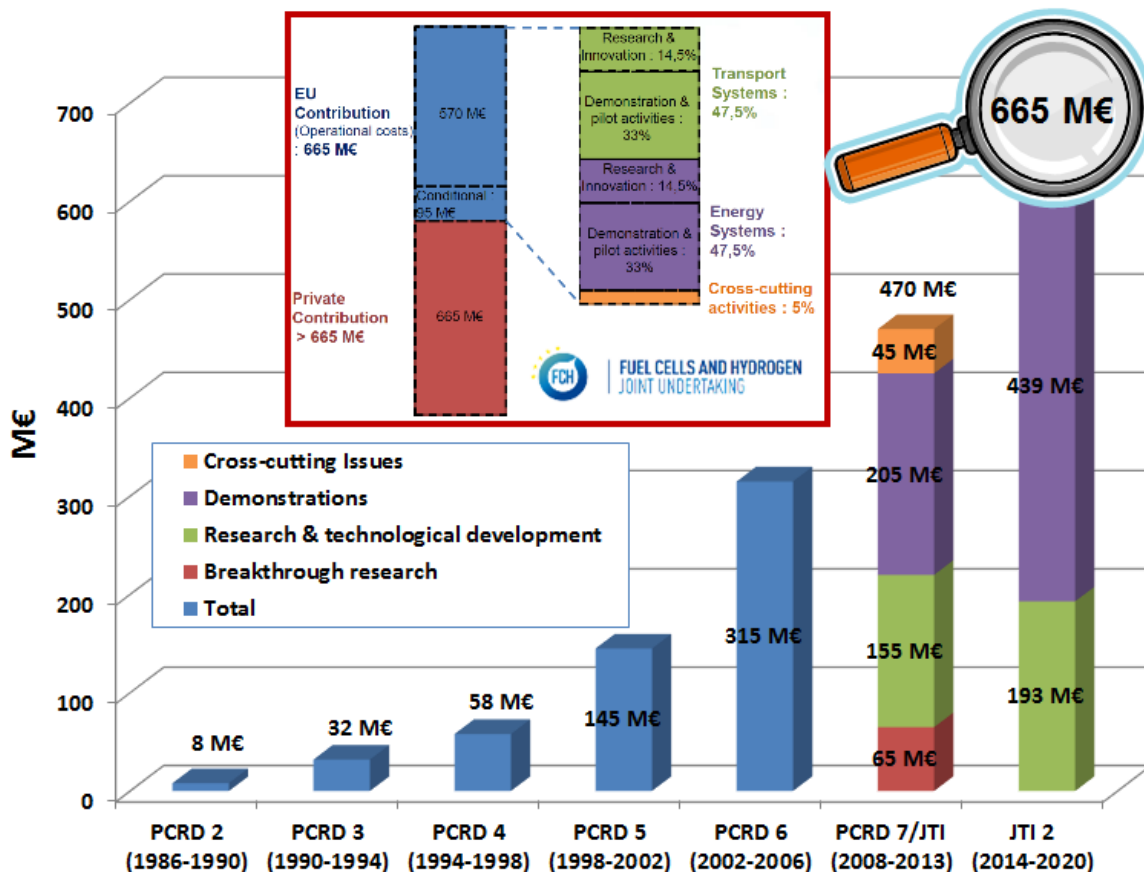


The Joint Undertaking is managed by a Governing Board composed of representatives of all three partners and lead by Industry.

FCH 2 JU : Gouvernance, acteurs français



FCH 2 JU: Financement, Effet levier industriel



Effet levier industriel

FCH : 1.09

FCH 2 : 2.28 à mi JU

3.0 en 2020

Pour devenir acteur, adhérez maintenant

L'année à venir est cruciale et déterminera

- l'appel 2020
- les actions 2021-2027 (PCRD 9)

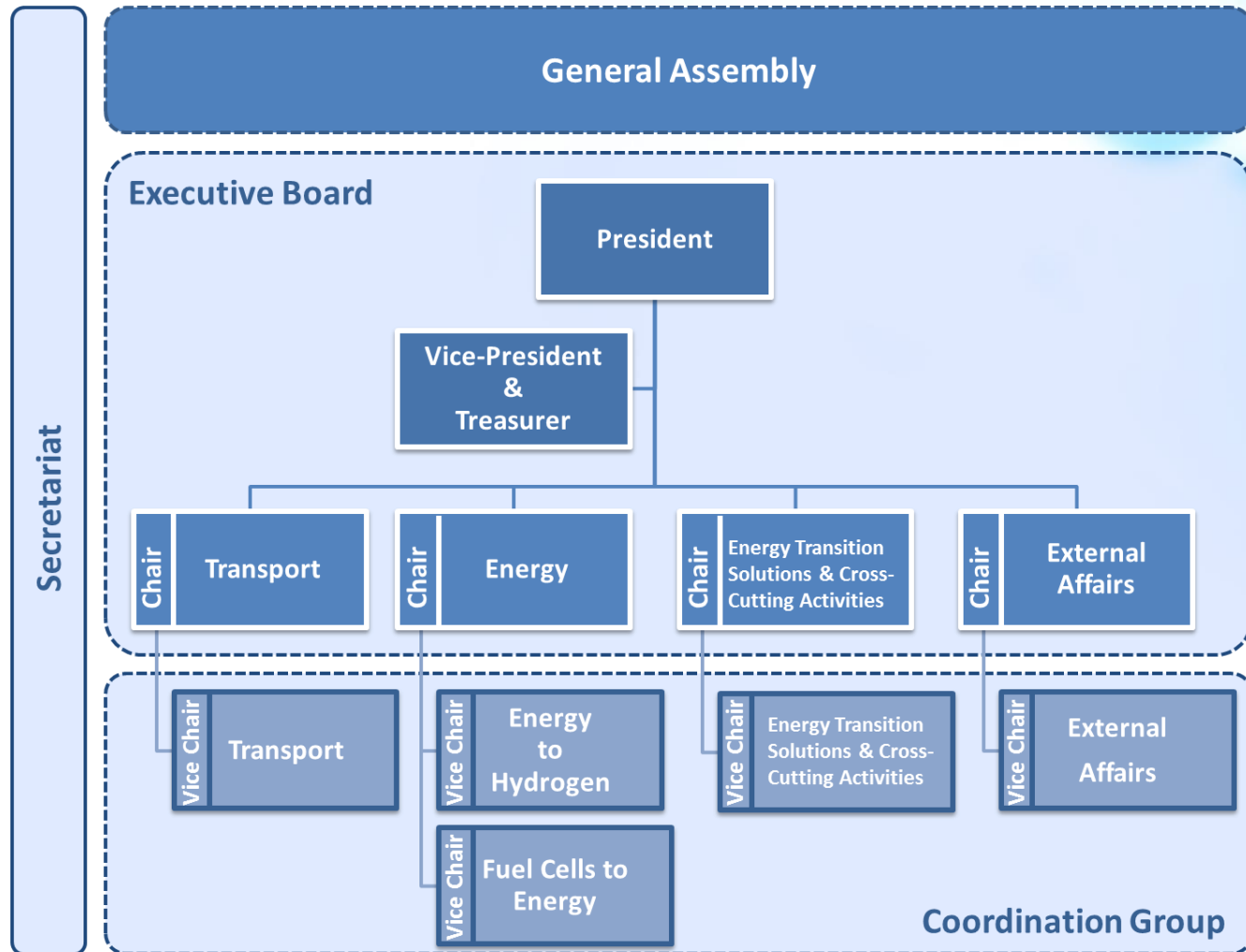


- HYDROGEN EUROPE : www.hydrogeneurope.eu

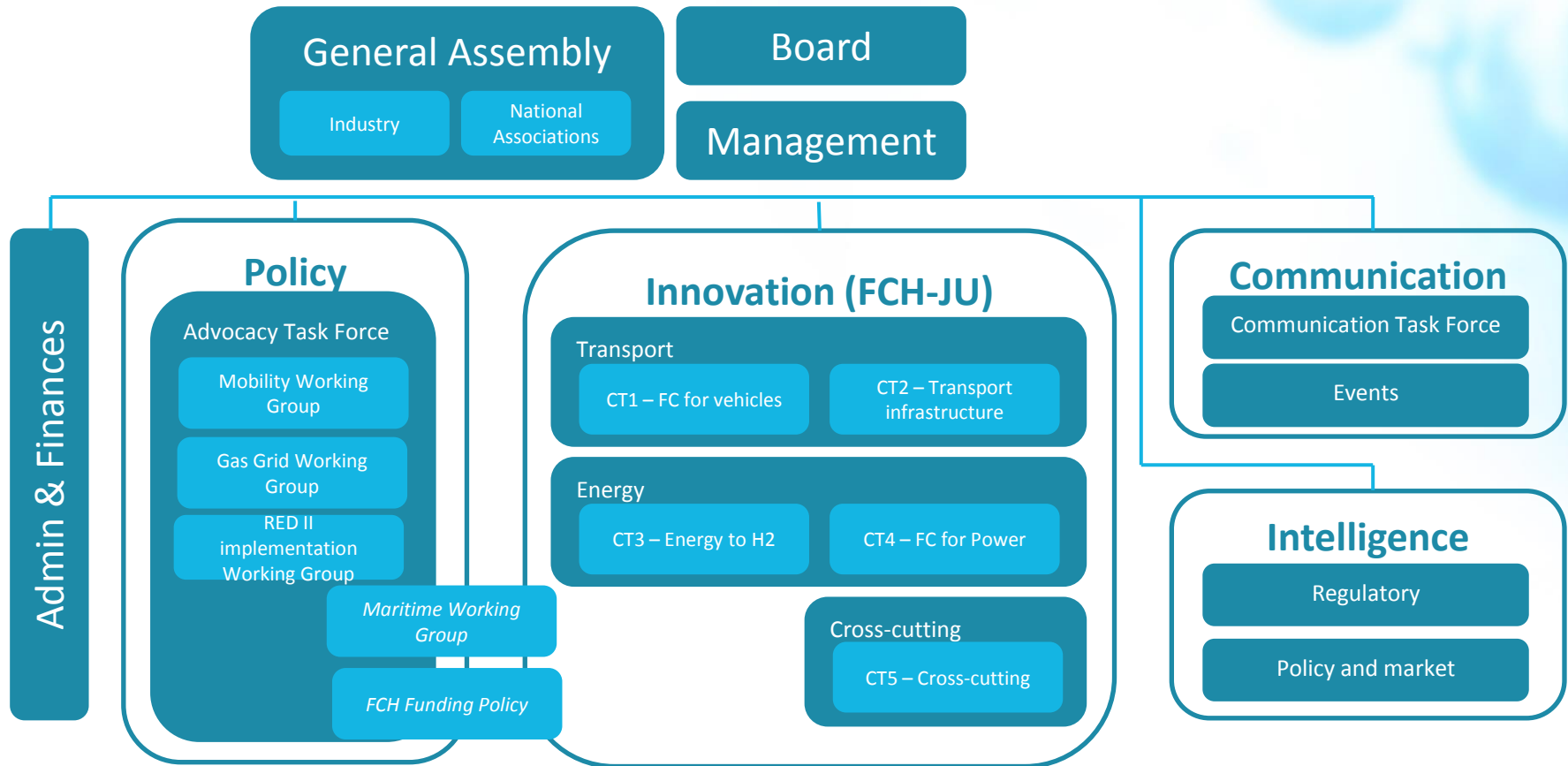


- HYDROGEN EUROPE RESEARCH : www.hydrogeneurope.eu

Hydrogen Europe Research - Structure



Hydrogen Europe Industry - Structure



Benefits

1. Innovation: exclusive right to shape the FCH-JU calls
2. Policy: help shaping EU legislation i.e. positive business cases and LT revenues
3. Knowledge: regular updates from the secretariat (policy, innovation, events), website (intranet, directory & projects)
4. Profile & network: we are the greatest hydrogen network covering the whole supply chain

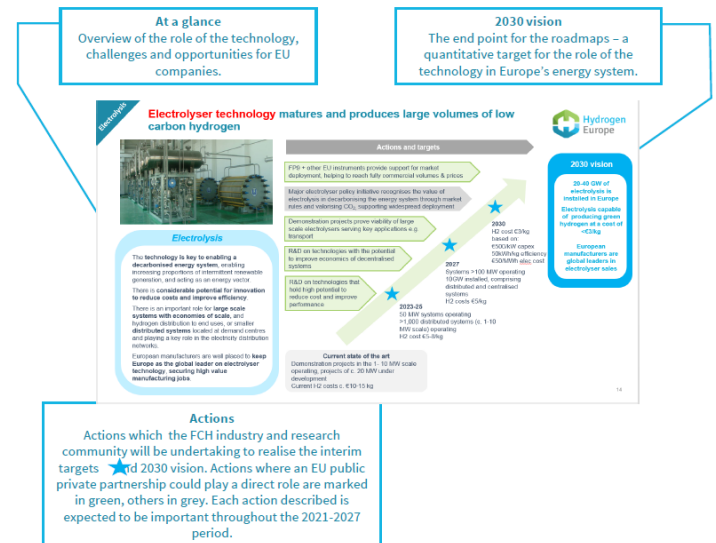
Duties

- Membership fees
- In Kind Additional Activities
- Project Fee (if awarded projects by FCH JU)

Avantages et devoirs des membres

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Avantages et devoirs des membres

- 1** Low carbon hydrogen production
- 2** Hydrogen production enables increased renewables
- 3** Hydrogen is delivered at low cost
- 4** Affordable hydrogen is dispensed to transport applications
- 5** Fuel cell vehicles (road, rail, ship) are competitively priced
- 6** Hydrogen meets demands for heat and power
- 7** Hydrogen decarbonises industry
- 8** Horizontal activities support the development of hydrogen

Electrolysis

Other modes of hydrogen production

Role of electrolysis in energy system

Large scale hydrogen storage

Key technologies for distribution

Transport of hydrogen by road, ship etc

Transport and storage in liquid carriers

Hydrogen refuelling stations

Technology Building Blocks

Cars, 2-3 wheelers, vans

Buses & coaches / Trucks / Material handling

Rail / Maritime / Aviation

Hydrogen in the gas grid

Stationary fuel cells

Domestic and Commercial Burners

Hydrogen in industry

Supply chains & other cross cutting issues



Hydrogen Europe

Contacts

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