



Présentation du FCH 2 JU

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www.fch.europa.eu

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FCH 2 JU : Organisation, objectifs

Industry-led Public-Private Partnership (PPP)

Fuel Cells & Hydrogen Joint Undertaking (FCH 2 JU)



H₂ STORAGE FOR GRID BALANCING

Demonstrate on a large-scale hydrogen's capacity to harness power from renewables and support its integration into the energy system



HEAT & ELECTRICITY PRODUCTION

Increase fuel cell efficiency and lifetime



GREEN HYDROGEN PRODUCTION

Increase efficiency and reduce costs of hydrogen production, mainly from water electrolysis and renewables



MINIMAL USE OF CRITICAL RAW MATERIALS

Reduce platinum loading



CLEAN TRANSPORT

Reduce fuel cell system costs for transport applications



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



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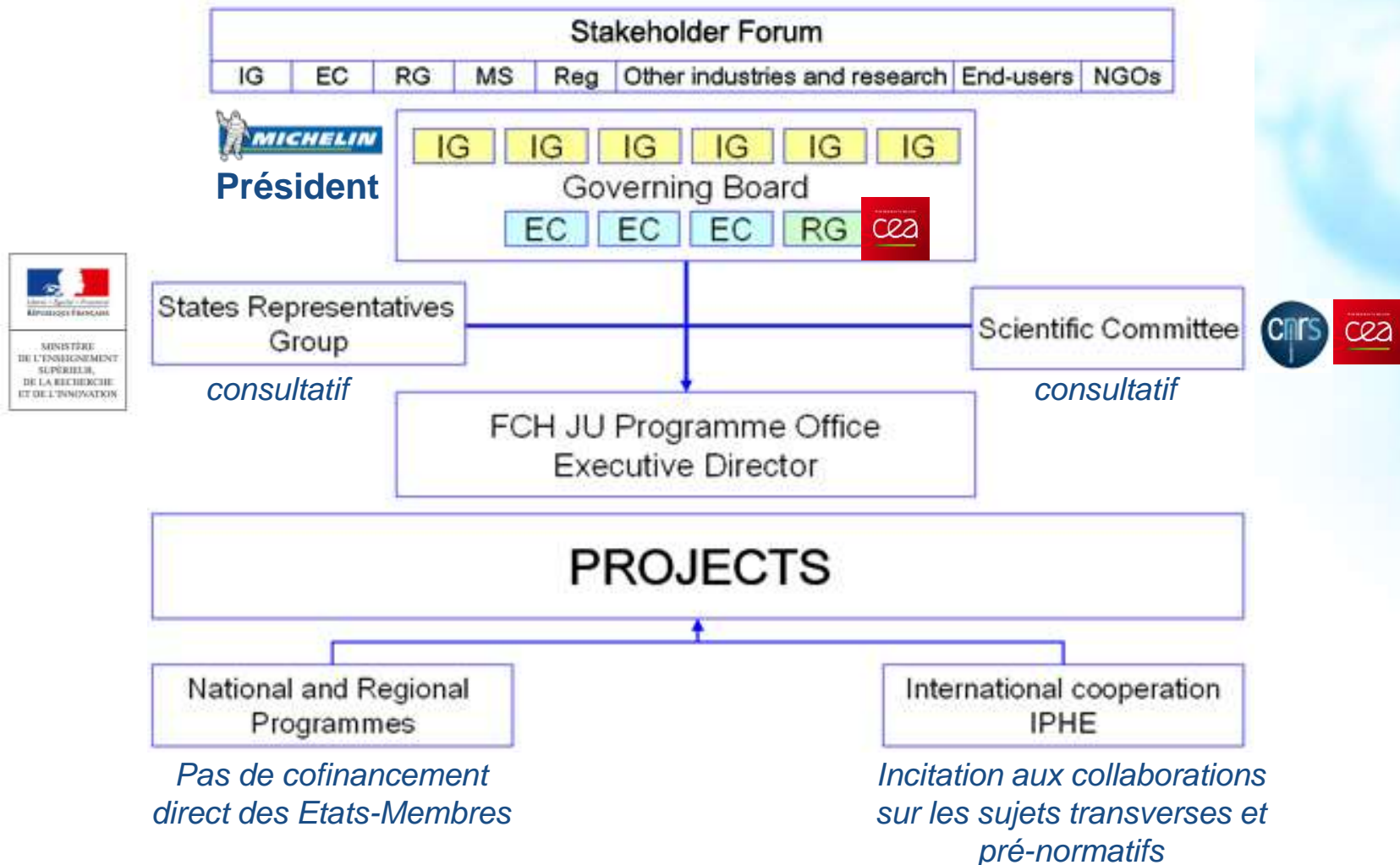


CLEAN TRANSPORT

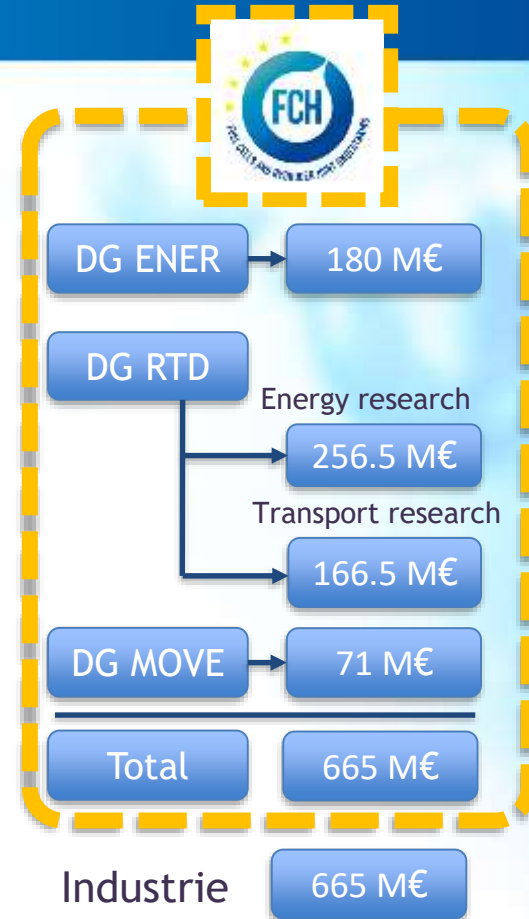
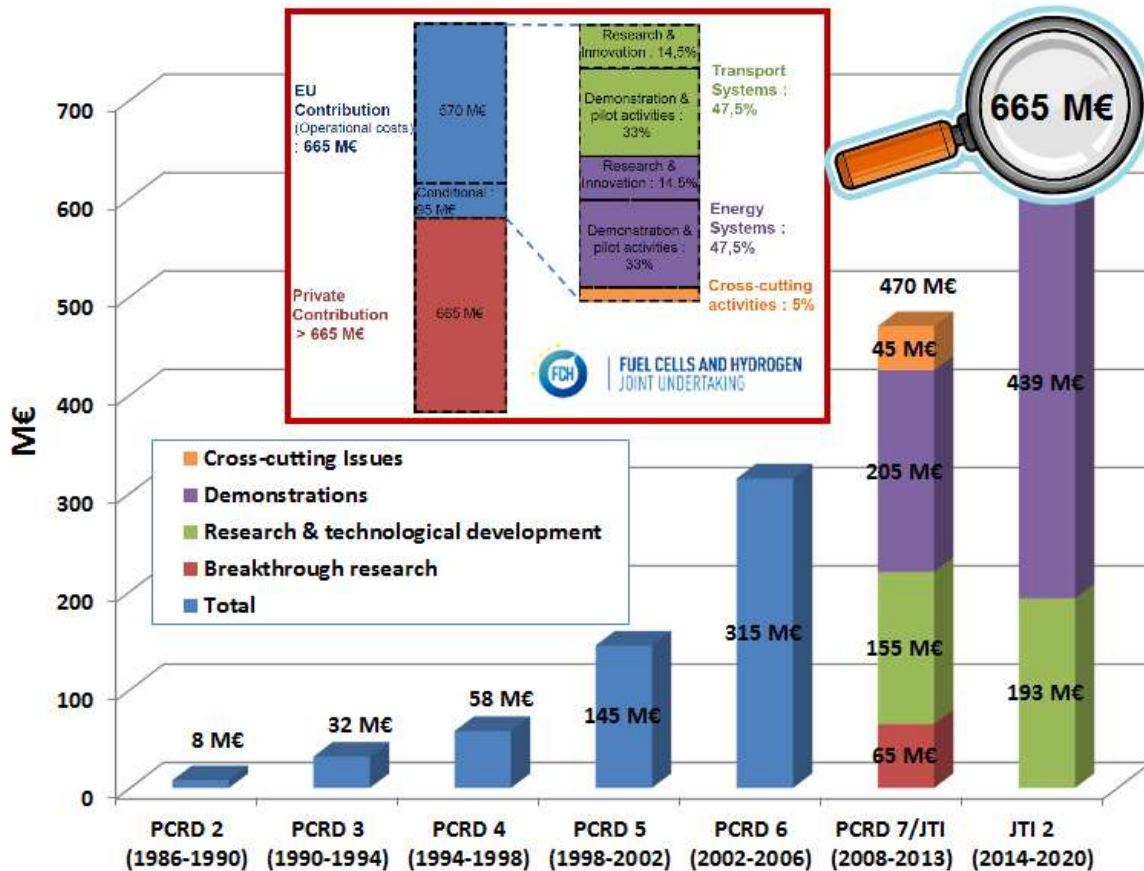
Reduce fuel cell system costs for transport applications

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

- les actions 2021-2027 (Horizon Europe)
- la place de l'hydrogène dans le Green Deal

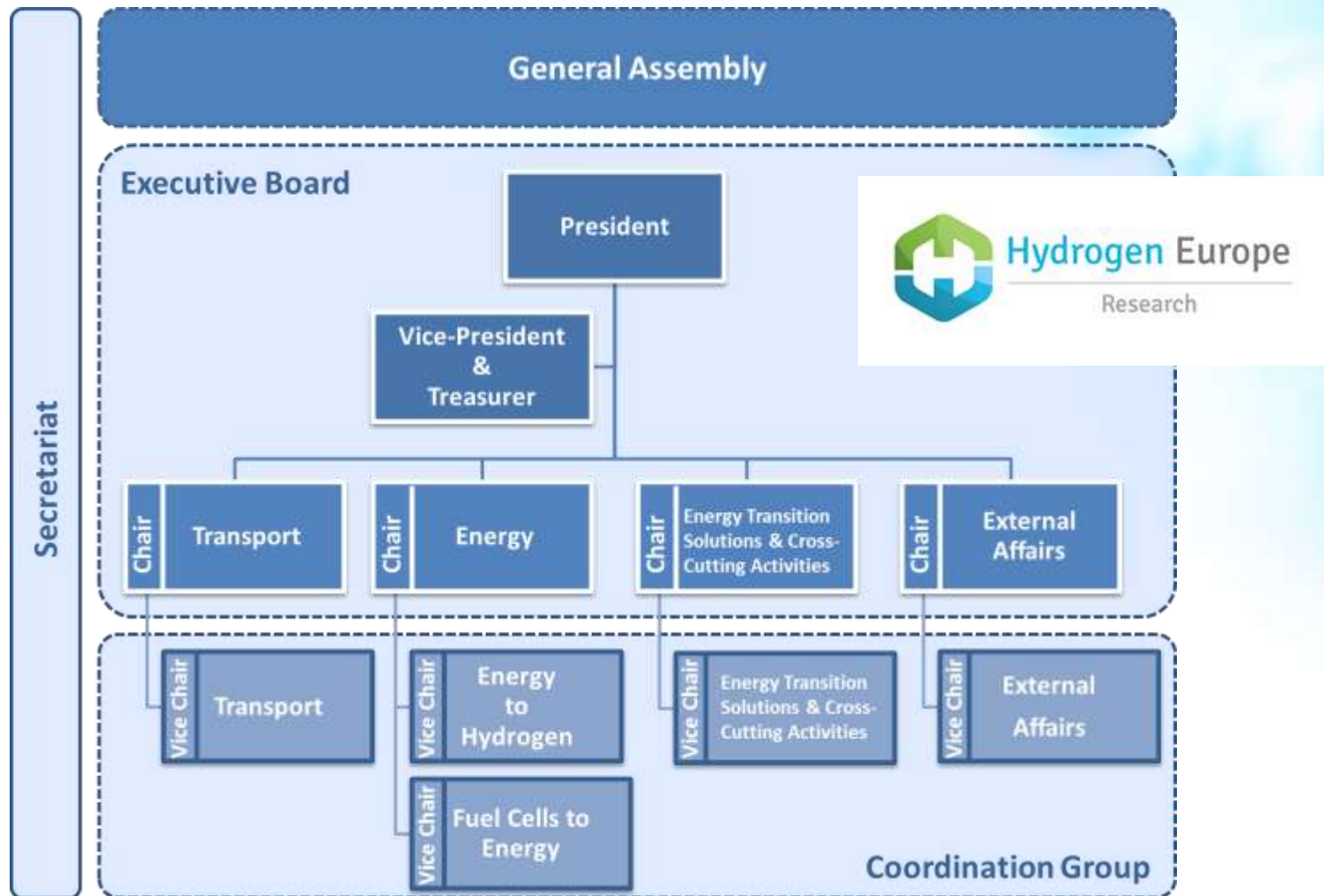


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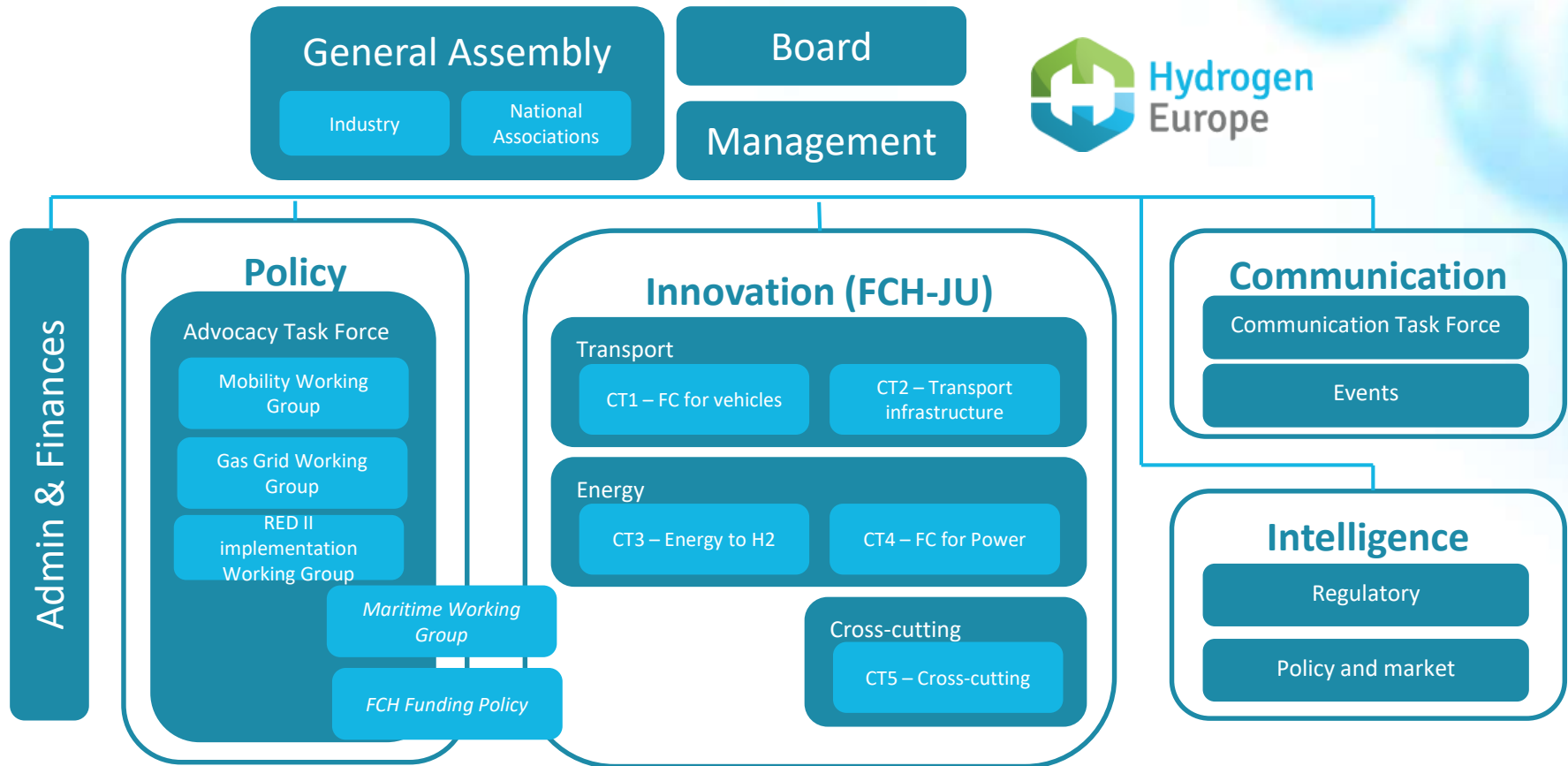


- HYDROGEN EUROPE RESEARCH : www.hydrogeneurope.eu

Hydrogen Europe Research - Structure



Hydrogen Europe Industry - Structure



Avantages et devoirs des membres

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

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