



THE COALITION

A global CEO-led initiative

Founded at

WORLD ECONOMIC FORUM

Davos 2017

Grown from 13 to

60

Companies

13
Countries

3 Continents Representing

4.2

MILLION jobs

€2.6
TRILLION

in revenues

ONE SHARED VISION

A STRONG & DIVERSE GROUP















































































































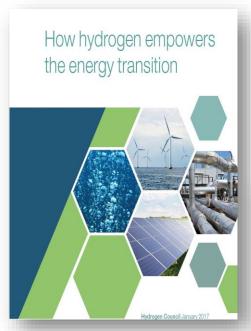


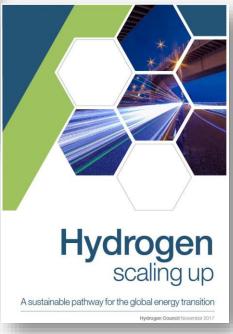






MAKING THE CASE FOR HYDROGEN









Hydrogen Council

"We are responding to public demand for a clean future by raising the understanding of hydrogen's key role across different sectors."

BENOÎT POTIER

Co-Chair of the Hydrogen Council & Chairman and
CEO of Air Liquide



Hydrogen Council

"ENGIE is one of the founding members of the Hydrogen Council. We are convinced that hydrogen, and more particularly renewable hydrogen, will play a major role in the next phase of the energy transition. By that I mean that we go beyond decarbonizing electricity production, and strive to decarbonize all the uses of energy: transportation, industry, heating and cooling."

ISABELLE KOCHER



Hydrogen Council

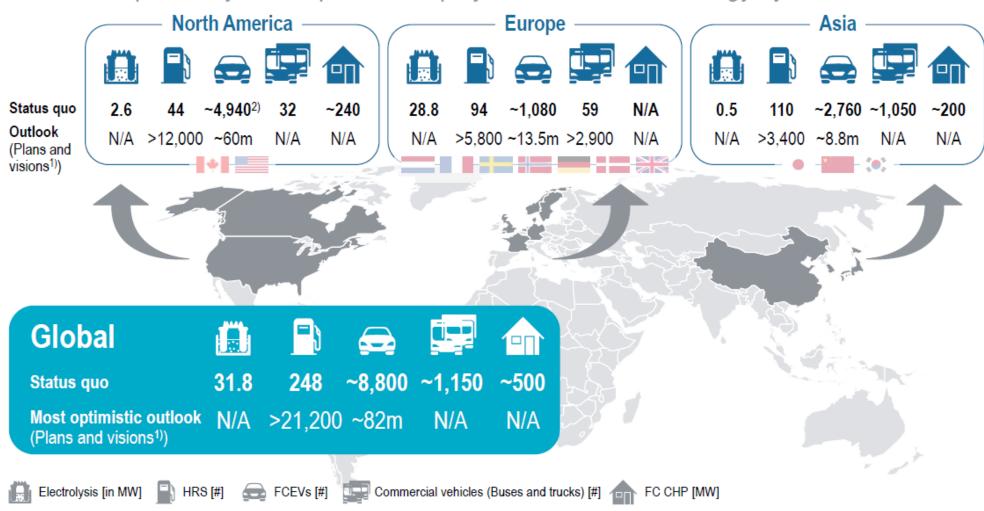
"We believe that a hydrogen-powered society is the most viable way to achieve a successful energy transition."

EUISUN CHUNG
Co-Chair of the Hydrogen Council & Execu
Chairman of Hyundai Motor Group



STATUS OF HYDROGEN DEPLOYMENT

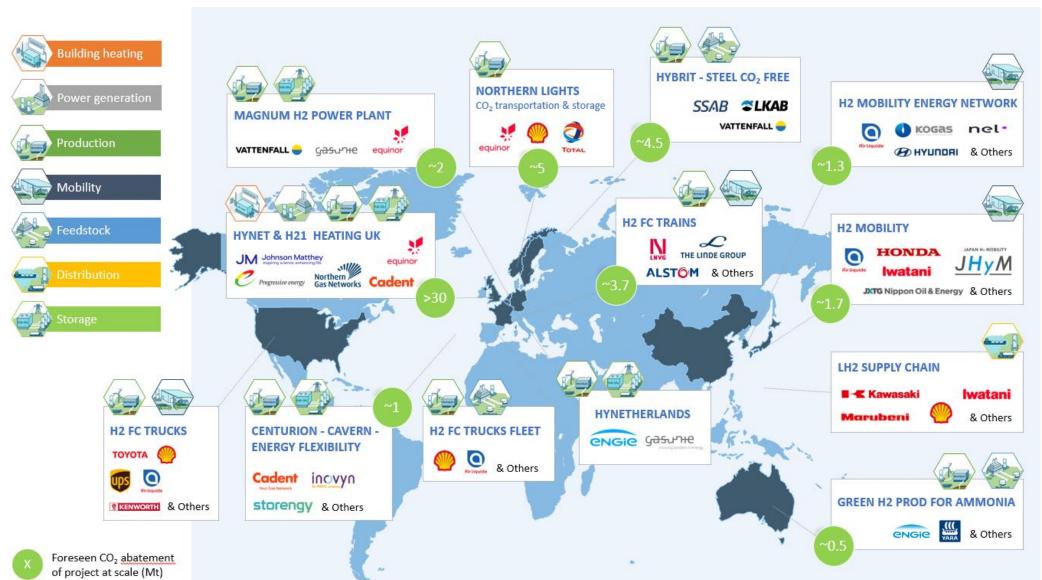
Status and publically stated plans of deployment of FCH technology by continent



¹⁾ Sum of government's publically stated ambition worldwide (Long-term 2030+) 2) 4,926 FCEVs in California Source: Public reports and databases; Desk Research; Roland Berger

LARGE-SCALE HYDROGEN PROJECTS

Project Pipeline of \$90 Billion



EMBRACING AMBITIOUS GOALS FOR HYDROGEN

The Hydrogen Council welcomes bold, ambitious targets to inspire and mobilize the private sector. In addition, strong policy schemes and regulations will be needed support and sustain hydrogen deployment at scale.

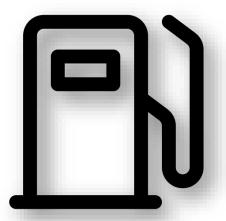
For Example
Hydrogen Energy
Ministerial's
10/10/10 Vision:

IN 10 YEARS...

10 million hydrogen-powered systems



10 thousand hydrogen refueling stations



KEY STEPS NEEDED TO SUCCESS



SHARED VISION BETWEEN KEY COUNTRIES



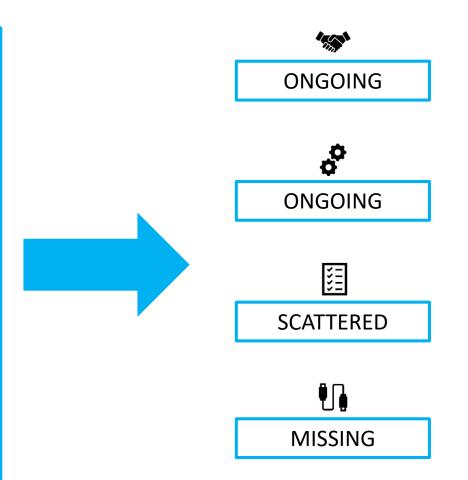
ARCHETYPE DEPLOYMENTS ALONG THE VALUE CHAINS



CLEAR REGULATIONS
FAVOURING COMPETITIVE
DEPLOYMENTS



SUPPORTING SCHEMES TO BRIDGE GASP TO COMPETITIVENESS



#1 Public-private partnerships & guarantee mechanisms to unlock investment in transportation infrastructures





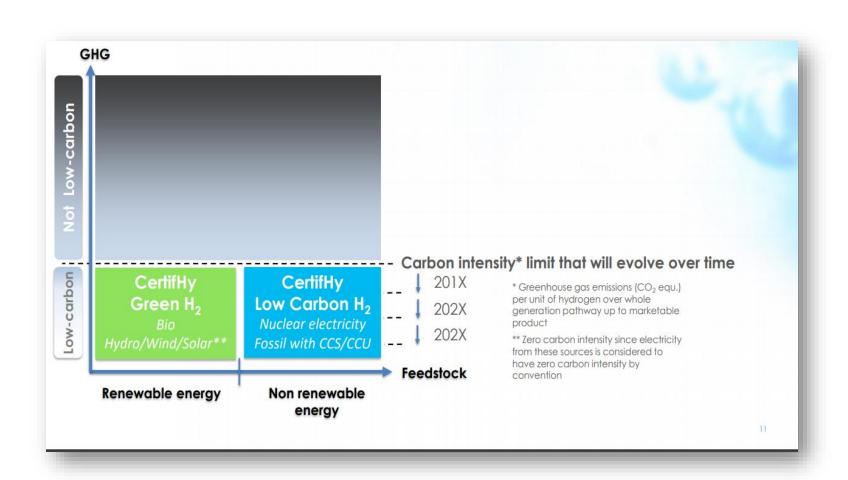
#2 Harmonized regulations for transport and distribution of hydrogen







#3 Agreement in methodology for low-carbon pathways



#4 Incentive programs & regulations to enforce the supply and demand of clean and green hydrogen premium value





THE HYDROGEN COUNCIL'S ROLE FORWARD

Sector Engagement:

- Marketplace for the sector (which includes relations with different membership groups)
- Advocacy to the media and grand public (which includes coordination of actions with various stakeholders, and outreach activities)

Support to the stakeholders and policy makers:

- Providing a tool box of qualified and detailed best practices in regulations, in policy tools, in financing schemes, per sector vertical
- Reacting and coordinating on safety issues emerging from the sector development

SHARED VISION BETWEEN KEY COUNTRIES

INDUSTRY

COP23, Nov. 2017: CEOs call on governments to work together on multilateral hydrogen deployment, set joint objectives & progress harmonisation

Global Climate Action Summit, Sept. 2018: CEOs pledge 100% decarbonised hydrogen in transport & call on governments to support





GOVERNMENTS

G20 Summit, June 2019: Governments consider supportive policies & incentives to scale hydrogen technologies

Hydrogen Energy Ministerial, Sept. 2019: Progress made since the release of the 2018 Tokyo Statement & strengthen international cooperation



