

**From:** [Hydrogen Council](#)  
**To:** [CAB JUNCKER PRESIDENT](#)  
**Cc:** [CAB TIMMERMANS CONTACT](#); [CAB ARIAS CANETE ARCHIVES](#); [CAB SEFCOVIC WEB](#); [CAB OETTINGER CONTACT](#); [CAB MOEDAS CONTACT](#); [BULC Violeta \(CAB-BULC\)](#); [BIENKOWSKA Elzbieta \(CAB-BIENKOWSKA\)](#); [KASEL Antoine \(CAB-JUNCKER\)](#); [KRAMER Sandra \(DEVCO\)](#); [DEJMEK HACK Paulina \(CAB-JUNCKER\)](#); [VAN KEMSEKE Peter \(CAB-SEFCOVIC\)](#); [\[REDACTED\] \(ENV\)](#); [SCHRODER Robert \(CAB-MOEDAS\)](#); [\[REDACTED\]@michelin.com](#); [\[REDACTED\] \(FCH\)](#); [\[REDACTED\]](#); [\[REDACTED\]@airliquide.com](#); [\[REDACTED\]@hyundai.com](#)  
**Subject:** Welcoming continued support for hydrogen technologies by European Commission  
**Date:** mardi 20 mars 2018 11:09:29  
**Attachments:** [Hydrogen Council - EC Letter of support Hydrogen.pdf](#)

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Dear President Juncker,

On behalf of the members of the Hydrogen Council, a high level initiative gathering [REDACTED] the following companies: 3M, Air Liquide, Alstom, Anglo American, Audi, BMW Group, Bosch, China Energy, Daimler, ENGIE, General Motors, Great Wall Motor, Honda, Hyundai, Iwatani, JXTG Nippon Oil & Energy Corporation, Kawasaki, Plastic Omnium, Shell, Statoil, The Linde Group, Total, Toyota and Weichai, please find attached a letter welcoming the continued support for hydrogen technologies by the European Commission and recalling the role that hydrogen technologies can play at cross-sector level in the energy transition.

With hydrogen technologies reaching maturity in several sectors and regions including the European Union, we would like to start a high-level dialogue with you on putting in place the right conditions needed to accelerate these deployments for the benefit of sustainable economic growth.

We remain at your disposal for any questions you may have.

Best regards,

[REDACTED]  
[REDACTED]

Hydrogen Council

## Hydrogen Council

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*The Hydrogen Council Secretariat is operated by FTI Consulting*

20 March 2018

Mr Jean-Claude Juncker  
President of the European Commission  
Rue de la Loi 200  
1049 Bruxelles  
Belgium

**Subject: Welcoming continued support for hydrogen technologies by European Commission**

Dear President Juncker,

On behalf of Hydrogen Council, a group of 39 leading industry players, many of which are actively investing and providing jobs in Europe, [REDACTED] participating in the Hydrogen Council<sup>2</sup>, would like to recall to the European Commission the role that hydrogen technologies can play at cross-sector level in the energy transition.

In the context of the current discussions on European re-industrialisation and the future of European research and innovation support mechanisms, we believe that the hydrogen sector is a driver of industrial innovation, helping Europe's economy transform and decarbonise, while growing and maintaining its globally competitive position. We are convinced that hydrogen technologies, as an integrated solution to drive decarbonisation, will be a central pillar in the energy transition and bring major benefits in terms of economic growth and sustainable development in leading geographies where technologies will be deployed.



During the past decade, the European Union has supported the hydrogen sector through the Fuel Cell and Hydrogen Joint Undertaking (FCH JU) Institutional Public-Private Partnership (IPPP), in which the industry is represented by Hydrogen Europe, as well as Horizon 2020 and the Connecting Europe Facility mechanisms. This has been mirrored by industry's investments in these innovative technologies. The private sector has invested more than €200 million in the EU per year in the period 2014-2017 alone, growing the sector and bringing hydrogen technologies to market. We believe that this support should be continued post-2020 with a widened scope to enable widespread deployment of hydrogen technologies at scale.



This scale of deployment will help European governments deliver on their commitments set forth by the Paris Agreement. A study by the Hydrogen Council, "[Hydrogen, scaling up](#)" released at COP23, demonstrates that, worldwide, hydrogen could help reduce annual CO<sub>2</sub> emissions by 6 gigatons - 20% of the abatement required to limit global warming to 2 degrees Celsius. This could be achieved by enabling a higher share of renewable energy in the energy mix and by decarbonising applications in transport, industrial energy, heating and power as well as serving as a feedstock using captured carbon dioxide, while generating a €2 trillion global market and creating high value jobs for 30 million people.

We are aware that FCH JU is commissioning a study looking to narrow down these figures and quantify the impact and benefits for the European Union, and we are very happy to contribute to it. Once the study is finalised, we look forward to meeting with you and your team to discuss the results, the industry's activities and plans for Europe as well as the policy framework needed to enable this projection.

# Hydrogen Council







  
  
**Air Liquide**



  
  
**Hyundai**

<sup>1</sup>  in Hydrogen Council supporting this letter:



  
  
**3M**



  
  
**Alstom**



  
  
**Anglo American**



  
  
**Audi**



  
  
**BMW Group**

  
  
**Bosch**

  
  
**China Energy**



  
  
**Daimler**



  
  
**ENGIE**



  
  
**General Motors**



  
  
**Great Wall Motor Company**

  
  
**Honda**

  
  
**Iwatani**

  
  
**JXTG Nippon Oil & Energy Corporation**

  
  
**Kawasaki**



  
  
**Plastic Omnium**

  
  
**Royal Dutch Shell**

  
  
**Statoil**

  
  
**The Linde Group**

  
  
**Total**

  
  
**Toyota Motor Europe**

  
  
**Weichai**

# Hydrogen Council

supporting members in Hydrogen Council supporting this letter:

Ballard Power Systems

Faber Industries

Faurecia

First Element Fuel

Gore

Hexagon Composites

Hydrogenics

Marubeni

McPhy

Mitsubishi Corporation

Mitsui

Nel Hydrogen

Plug Power




Toyota Tsusho

Royal Vopak

<sup>2</sup> The [Hydrogen Council](#) is a global initiative of leading energy, transport and industry companies with a united vision and long-term ambition for hydrogen technologies to foster the energy transition. Launched at the 2017 World Economic Forum in Davos, the group is currently composed of following steering members: 3M, Air Liquide, Alstom, Anglo American, Audi, BMW GROUP, Bosch, China Energy, Daimler, ENGIE, General Motors, Great Wall Motor, Honda, Hyundai, Iwatani, JXTG Nippon Oil & Energy Corporation, Kawasaki, Plastic Omnium, Royal Dutch Shell, Statoil, The Linde Group, Total, Toyota and Weichai as well as the following supporting members: Ballard Power Systems, Faber Industries, Faurecia, First Element Fuel, Gore, Hexagon Composites, Hydrogenics, Marubeni, McPhy, Mitsubishi Corporation, Mitsui, Nel Hydrogen, Plug Power, Toyota Tsusho and Royal Vopak.

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CC: First Vice-president Frank Timmermans, Vice-President for Energy Union Maroš Šefčovič, Commissioner for Budget & Human Resources Günther H. Oettinger, Commissioner for Climate Action & Energy Miguel Arias Cañete, Commissioner for Transport Violeta Bulc, Commissioner for Research, Science and Innovation Carlos Moedas, Commissioner for Internal Market, Industry, Entrepreneurship and SMEs Elżbieta Bieńkowska, Hydrogen Europe , FCH JU ,  of Hydrogen Europe.