Can we produce "green steel" with "blue hydrogen"? Jorgo Chatzimarkakis, Secretary General Elegancy, 8.10.2018 – Brussels

Hydrogen



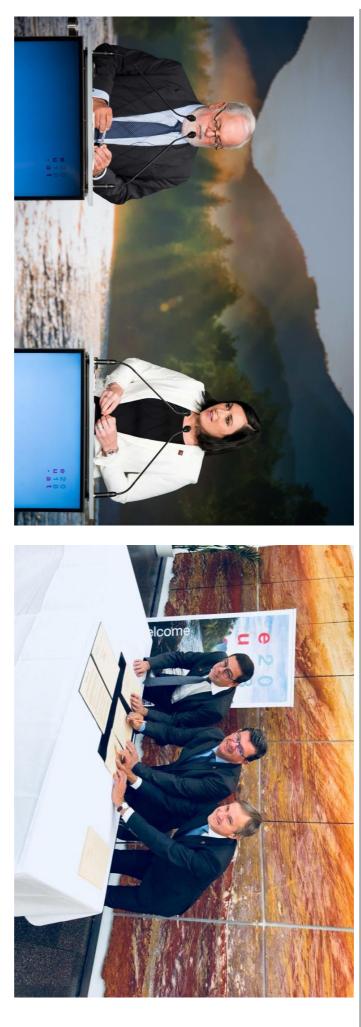
A portfolio of clean, efficient and competitive solutions based on fuel cells and hydrogen technologies in energy and transport



E



The Hydrogen Initiative: Energy Ministers open new chapter Hydrogen Europe



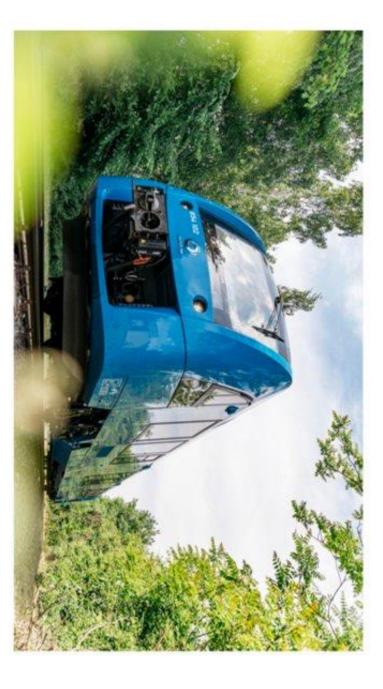
decarbonisation of multiple sectors, the energy system and for the long-term energy security of the EU. We, the signatories of this initiative, gathered in Linz, Austria, on the 17th and 18th of September 2018, collectively aim to maximise the great potentials of sustainable hydrogen technology for the

Linz, Austria 18 September 2018

Hydrogen: Suddenly in the news all over the globe



World premiere: Alstom's hydrogen trains enter passenger service in Lower Saxony



"This is a revolution for <a>@Alstom and for the <a>#FutureOfMobility.

The world's first <u>#hydrogen</u> <u>#fuelcell</u> train is entering passenger service and is ready for serial production" emphasises Henri Poupart-Lafarge, Chairman & CEO of Alstom

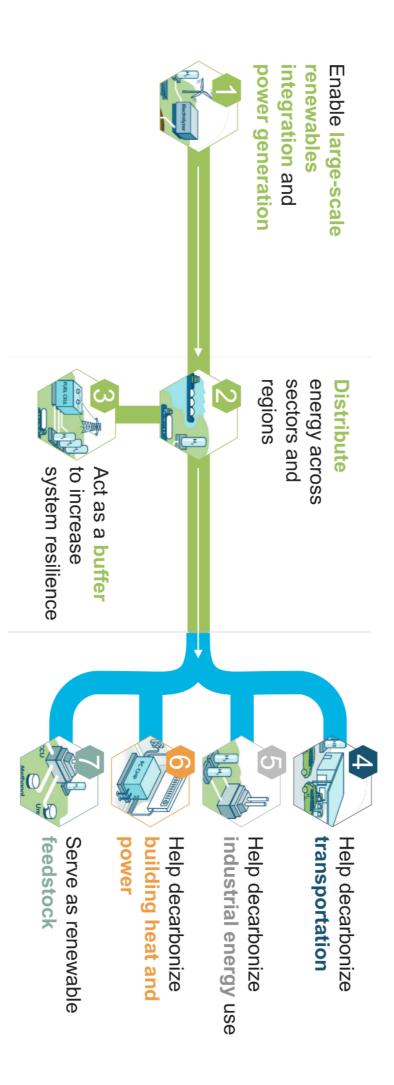
16 September 2018

The Solution



Enable the renewable energy system

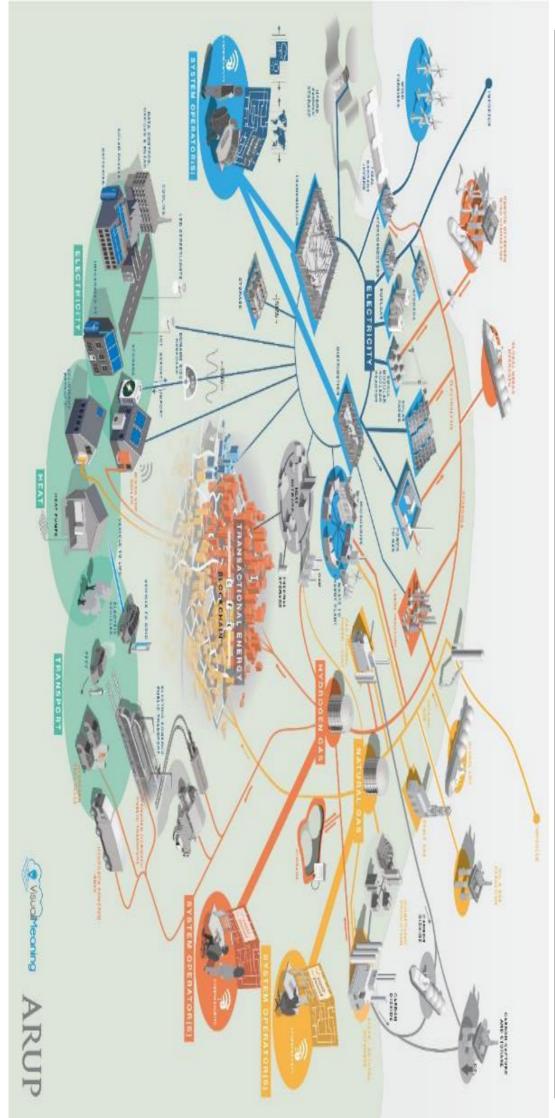
Decarbonize end uses

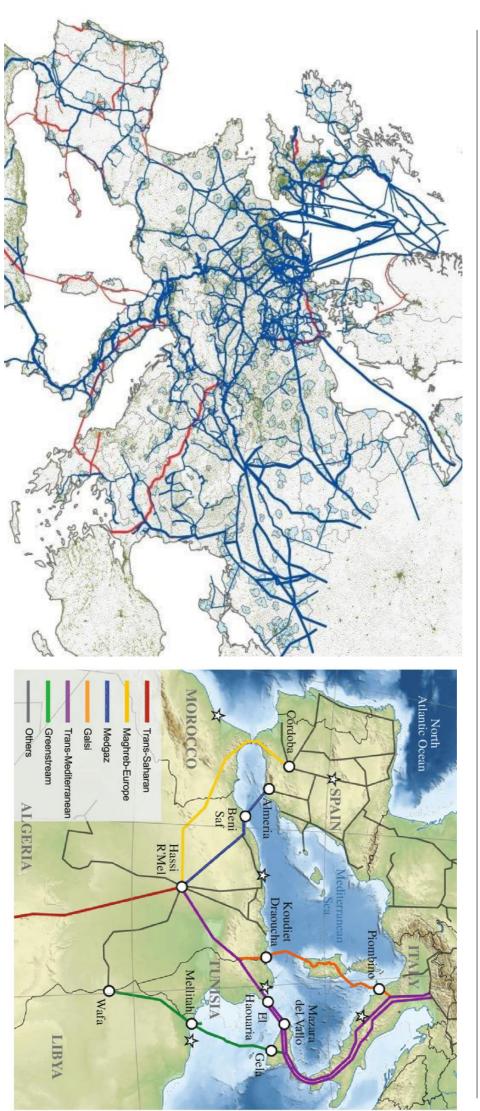


Source: Hydrogen Council









EU Gas Grid: Basis for affordable decarbonisation

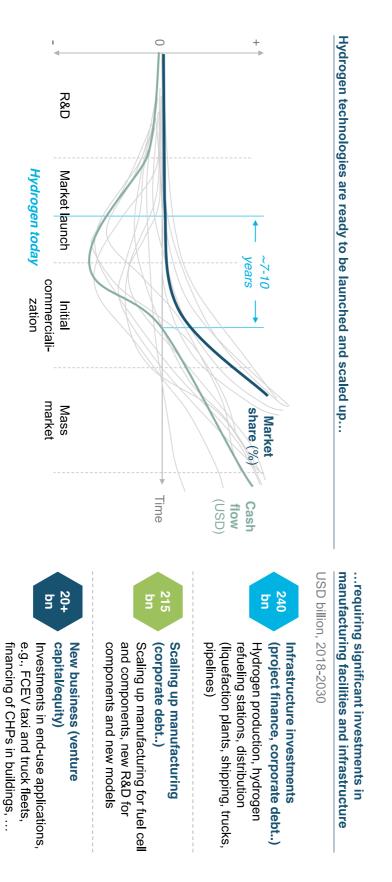


How to enhance market development?



In order to reach this target investments are needed now

PRELIMINARY



McKinsey & Company 9







Market through Financial Engineering

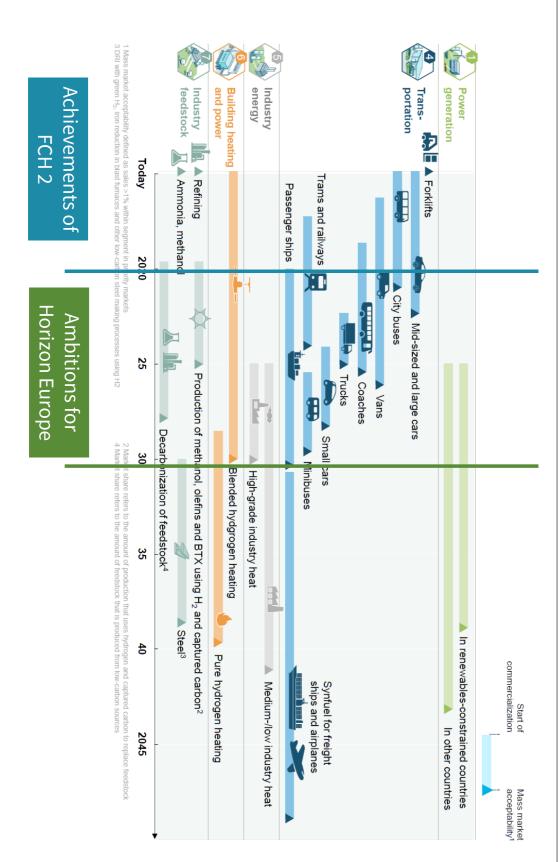




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Why we need to continue R&D





Green steel as a new EU narrative



The EU evolved starting with coal and steel

European Coal and Steel Community	Treaty of Rome	Treaty of Maastricht	"Green Steel" redefines Europe's global role
		1992	2020?
1951	1957		



Shift happens!

Hydrogen enables you.



Contacts

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