Tokyo | September 25th, 2019

The Renewable and Clean Hydrogen Challenge of Mission Innovation

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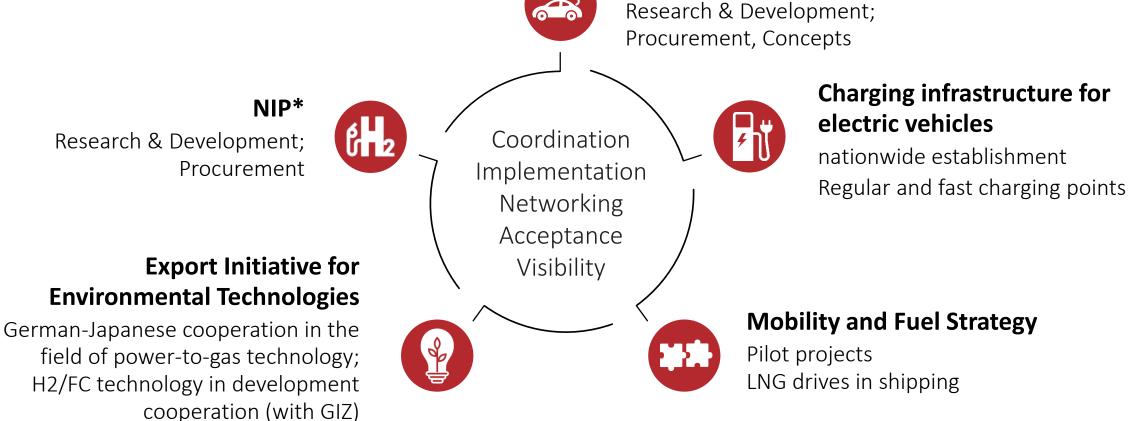
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Dr. Geert Tjarks | NOW GmbH, Head of Division International Cooperation

TOWARDS ZERO EMISSION MOBILITY

Integrated implementation of national funding programs by NOW GmbH



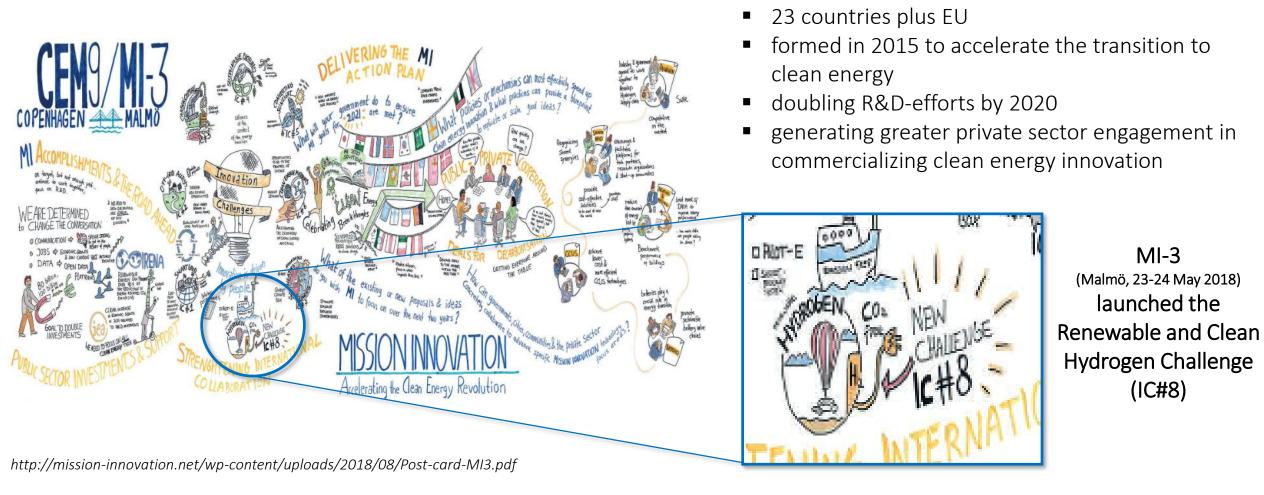


* National Innovation program for hydrogen and fuel cell technology

Source: own illustration

MISSION INNOVATION – INNOVATION CHALLENGE #8

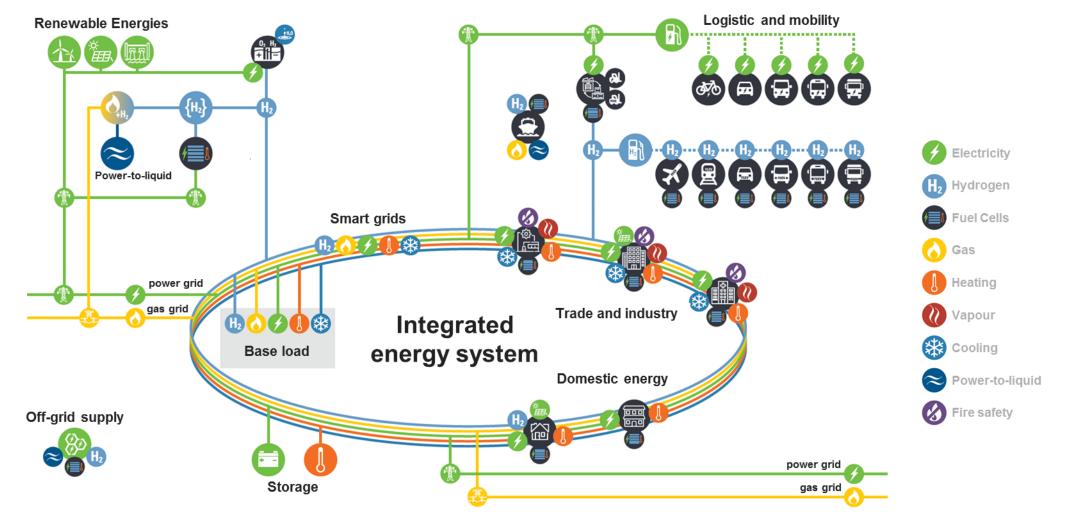


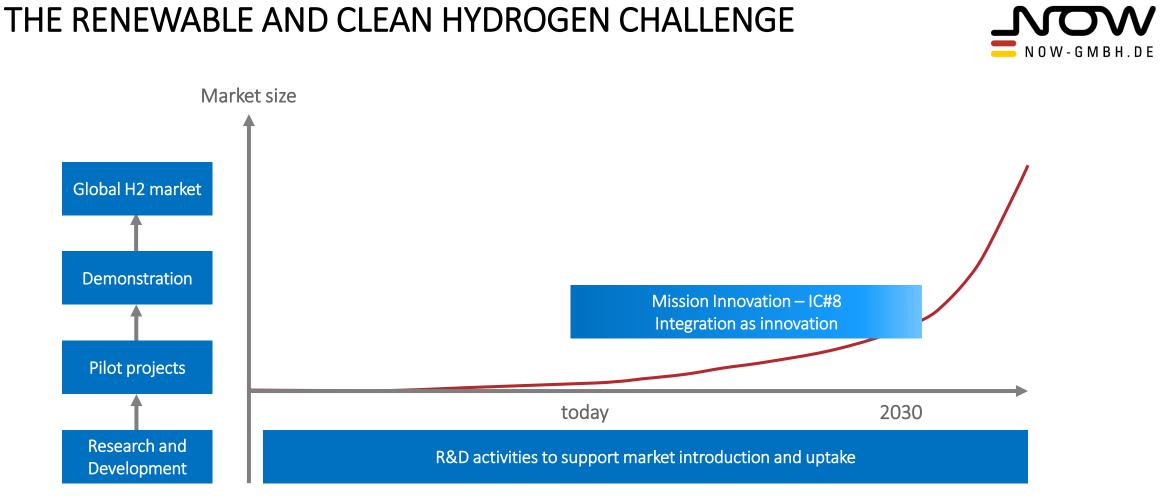


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HYDROGEN IN THE INTEGRATED ENERGY SYSTEM







Phase of green hydrogen deployment

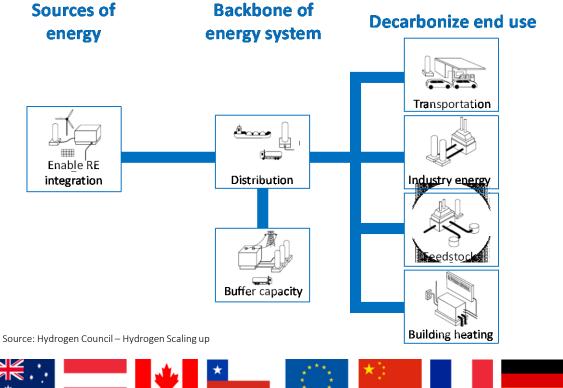
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THE RENEWABLE AND CLEAN HYDROGEN CHALLENGE



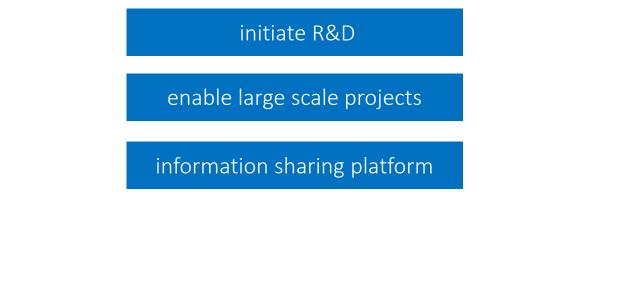
The approach

Recognizes hydrogen as a key technology for the energy transition



The objective

to accelerate the development of a global hydrogen market by identifying and overcoming key technology barriers to the production, distribution, storage and use of hydrogen at gigawatt scale:





INNOVATION CHALLENGE #8 – WORKING PLAN





81 March 2019

POWER AND GAS COMPANIES NEED HYDROGEN TECHNOLOGIES

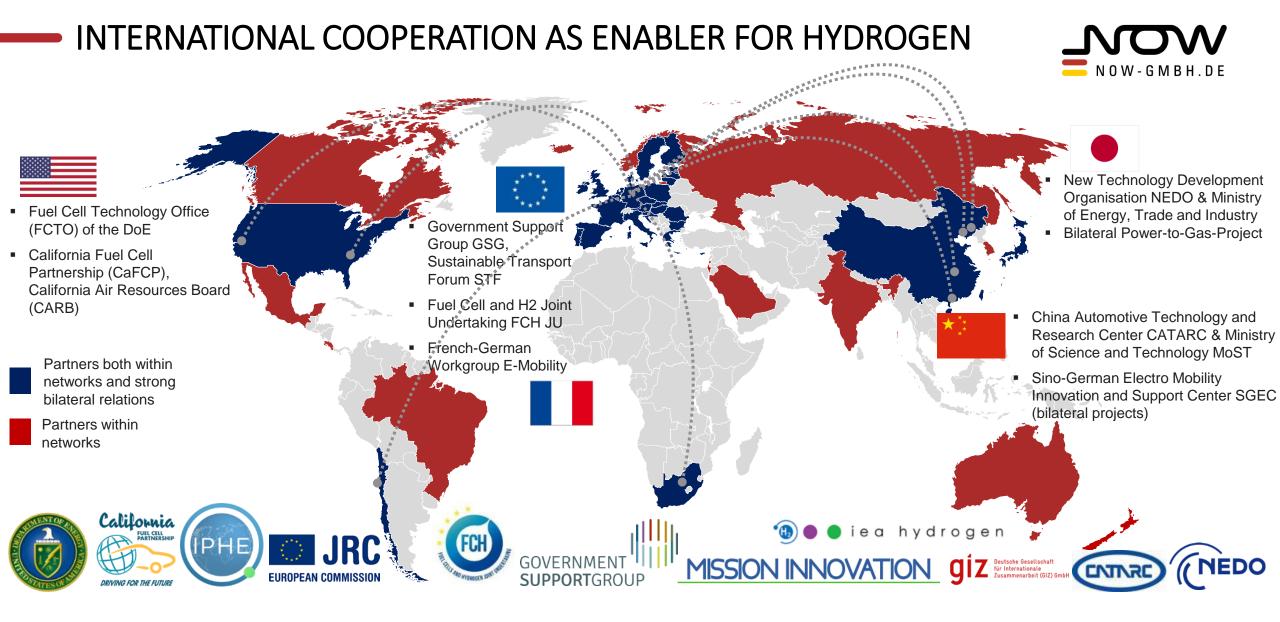
Source: www.tennet.eu

e.g. 100 MW projects proposed to manage increase of renewable energies

🚽 hybridge







Thank you for your attention!



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