



# Hydrogen TCP

## Newsletter September 2021

### Hydrogen TCP updates *(since June 2021)*

Check out our **Touchpoint** by scrolling down our home page. There, you will be able to see the whole hydrogen value chain and which Hydrogen TCP Tasks (closed, active or in definition) cover each topic.

Don't forget to **follow us** on Twitter ([@IEA\\_Hydrogen](#)) and LinkedIn ([IEA Hydrogen TCP](#)) to be up to date with all our activities!

## Task Updates



### Task 41 - Data and Modelling

More than 10 experts from Task 41 are working on the article *A taxonomy of models for investigating hydrogen energy systems*. To be published soon in the Renewable and Sustainable Energy Reviews Journal.

[Learn more](#)

### Task 40 - Energy Storage and Conversion based on hydrogen

Experts from Task 40 have published important papers: *Improving Reproducibility in Hydrogen Storage Material Research and a Review* and *Outlook on High-entropy Alloys for Hydrogen Storage*. Find them at the "Other relevant documents" link.

[Learn more](#)



### Task 39 - Hydrogen in Marine Applications

Task 39 is reaching its final steps and will publish its Final Report soon. A webinar to present the main results is expected for October, stay tuned!

[Learn more](#)

### Task 37 - Hydrogen Safety

Task 37 on Hydrogen Safety is reaching its final steps and expects to have a successor Task to kick off in 2022. If you are interested in participating in the PDP for the successor Task let us know at [technicalsecretariat@ieahydrogen.org](mailto:technicalsecretariat@ieahydrogen.org).

[Learn more](#)



## Tasks in definition

Tasks in definition Renewable Hydrogen, Underground Hydrogen Storage, Hydrogen in the Mining, Mineral Processing, and Resource Sectors, Hydrogen Export value Chains, Offshore Hydrogen Production, Hydrogen from Nuclear Energy, and Safety and RCS of Large Scale Hydrogen Energy Applications are currently in the Project Definition Phase and they are still open for new [Expressions of Interest](#) from experts.

[Learn more](#)

## Member Updates

- **Austria:** The Renewable Energy Expansion Act was promulgated on July 27, 2021. In it, there are investment grants for plants for the conversion of electricity into hydrogen or synthetic gas with a minimum capacity of 1 MW. The annual subsidies for investment grants amount to 40 million euros. [Learn more](#)
- **Belgium:** HyTrucks consortium aims to have 300 hydrogen-powered trucks on the road in Belgium by 2025. [Learn more](#)
- **Denmark** selects two projects for IPCEI support of EUR 114 million. [Learn more](#) (Danish).
- **European Commission:** European Green Deal: Commission proposes transformation of EU economy and society to meet climate ambitions such as reducing net greenhouse gas emissions by at least 55% by 2030. [Learn more](#)
- **Germany:** First approval notice for green hydrogen project in Germany handed over under the National Hydrogen Strategy. [Learn more](#)
- **Hydrogen Council** adds fourteen new members including bankers, engineers, industrials and energy companies, confirming wide-ranging interest in hydrogen. [Learn more](#)
- **The Netherlands:** Caretaker cabinet announced 750 million euro for hydrogen infrastructure in succession of the study Hyway27. [Learn more](#)
- **New Zealand** could be the world's first large-scale producer of green hydrogen. [Learn more](#)
- **Norway:** As part of the White Paper Putting Energy to Work -Long-Term Value Creation from Norwegian Energy Resources, the government published a road map for hydrogen. [Learn more](#)
- **NOW GmbH:** The result of the competition to determine locations for the Hydrogen Innovation and Technology Centre (ITZ) was announced on 2nd September 2021. [Learn more](#)
- **Spain:** Madrid Will Replace 1,000 Traditional Taxis With Hydrogen Vehicles. [Learn more](#)
- **Switzerland:** Kvyreen - rapid electric charging with green hydrogen, anywhere and anytime. [Learn more](#)
- **UK:** BEIS announced the UK's Hydrogen Strategy, which includes £105 million funding from the £1bn Net Zero Innovation Portfolio to support polluting industries to significantly slash their emissions. [Learn more](#)
- **UNIDO:** The launch and inauguration of the International Hydrogen Energy Centre (IHEC), a key knowledge partner for the UNIDO Global Programme for Green Hydrogen in Industry, was held virtually on 7th July, 2021. [Learn more](#)
- **United States of America:** Stakeholders convened to create the Department of Energy (DOE) Hydrogen Shot Summit to kick off an inclusive and transparent dialogue around what it will take to achieve Hydrogen Shot and how to leverage clean hydrogen to create opportunities for all. [Learn more](#)

## Publications

- Task 38 **Final Report** and **Roadmap** are available on our [website](#).

We have collected hydrogen-related reports published within the IEA Network, find our document repository [here](#). You can access all publications [here](#).

## Events



### World Hydrogen Congress

From October 4th to 6th, the World Hydrogen Congress will take place in PTA Congress Centre in Amsterdam. The Hydrogen TCP is one of the Congress' **Media Partners!**

[Learn more](#)

### Hydrogen Technology Expo Europe

We will find you at the Hydrogen Technology Expo Europe in **Bremen**, Germany, from **October 20-21**. Visit us at stand **7135**, access to the exhibition grounds is free. We will also present *The importance of collaborative R&D in the hydrogen sector* on day 1 of the conference.



20-21 OCT 2021 / MESSE BREMEN / GERMANY

[Learn more](#)



### Hydrogen North America

From **November 30- December 1**, Hydrogen North America Conference & Expo will take place **online**.

[Learn more](#)

### Hydrogen Economy Europe

From **December 2-3**, Hydrogen Economy Europe Conference & Expo will take place **online**. Our Chair, Paul Lucchese, will be giving a presentation on behalf of the Hydrogen TCP on *International Collaboration in R&D to Unlock Hydrogen Potential...* Don't miss it!



[Learn more](#)

- Check past events materials and all planned events relevant to the Hydrogen TCP [here](#).

#### Hydrogen TCP Executive Committee Meetings:

- The **87th ExCo Meeting** was held online from September 27th to 29th and was focused on Member Updates and Priorities.
- The **88th ExCo Meeting** will take place from December 13th to 15th and it will be the last one of 2021!

[Visit the Hydrogen TCP website](#)

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