



Hydrogen TCP

Newsletter

June 2021

Hydrogen TCP updates *(since March 2021)*

In June we are welcoming the **USA** as a new member of our Executive Committee!

Check out our new **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.

And 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

Task 41 is working on a review article on the taxonomy of models for investigating hydrogen energy systems. It will be available on our website once it gets published.

[Learn more](#)

Task 40 - Energy Storage and Conversion based on hydrogen

The paper *Materials for hydrogen-based energy storage - past, recent progress and future outlook* by experts from Task 40 has received a "highly cited paper" recognition, placing it in the top 1% of its academic field. Access it on the "Other relevant reports" button.

[Learn more](#)



Task 39 - Hydrogen in Marine Applications

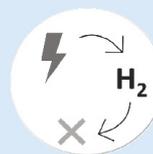
Task 39 is reaching its final steps and will publish its Final Report soon. A webinar to present the main results is expected for late September, stay tuned!

[Learn more](#)

Task 38 - PtH and HtX

After five years of research on Power-to-Hydrogen and Hydrogen-to-X, Task 38 is coming to an end. A new design for the Final Report has been published and a Roadmap will be released on July 1st.

The results of this Task were presented at a Plenary Session at the [IAEE Conference 2021](#), and will also be presented at the [Joint Workshop with the IEA](#) planned for July 1st.



[Learn more](#)



Task 37 - Hydrogen Safety

Experts keep working on hydrogen safety, which cuts across all phases of the hydrogen supply chain including production, transportation, storage, and end-use. The Task is reaching its final steps and expects to have a successor Task. If you are interested in participating in the PDP for the successor Task let us know at 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, and Hydrogen from Nuclear Energy are currently in the Project Definition Phase and they are still open for new Expressions of Interests from experts.

[Learn more](#)

Member Updates

- **Belgium:** Fluxys ready for shaping the hydrogen and carbon infrastructure for Belgium. [Learn more](#)
- **Canada:** Minister O'Regan Launches Call for Proposals under \$1.5-Billion Clean Fuels Fund to Grow Clean Fuels Market across Canada. [Learn more](#)
- **Denmark:** Topsoe will build a large-scale SOEC electrolyser manufacturing facility to be operational in 2023. The facility will produce electrolysis stacks with a capacity of 500 MW per year, expandable to 5 GW. [Learn more](#)
- **France:** The GENVIA venture was inaugurated in Schlumberger Site at Beziers (South of France). In a unique private-public partnership model approved by European Commission, GENVIA will focus on the development and industrial deployment of a game-changing electrolyzer technology for clean hydrogen production. [Learn more](#)
- **Germany:** Germany to support 500 MW electrolyzers abroad with \$1.1 billion. [Learn more](#)
- **The Netherlands:** The project "Greening the Dutch economy", awarded in April 2021, will receive up to €338 million from the National Growth Funds to accelerate the implementation of green hydrogen applications in industries such as the chemical industry, the transport industry and heavy industry. [Learn more](#)
- **NOW GmbH:** 23 June 2021: Application phase completed – 51 regions and municipalities lodge applications to become HyExperts. [Learn more](#)
- **Spain:** Iberdrola is planning the Y Basque Green Hydrogen Project to electrify heavy transport in the Basque Country. [Learn more](#)
- **United Kingdom:** The UK Government has launched a number of funding streams including £166m on decarbonisation and work on long term storage including PtX. [Learn more](#)

Publications

- **Task 38 Final Report** available on our website
- **Document repository** updated with relevant **IEA Network documents**

- The **Hydrogen Safety Journal** is open for submissions
- The **2020 Annual Report** is available on our website

You can access all publications [here](#).

Events

- Join us on **July 1st (12:00-14:00 CET)** for the **Joint Workshop with the IEA on Power-to-Hydrogen and Hydrogen-to-X**.
- The Hydrogen TCP was a media partner of the **Hydrogen and P2X 2021 Conference** (16th – 17th June 2021, Copenhagen) and provided a presentation on Task 38 results for the "bonus package" of the Conference. [Learn more](#)
- The session on Power to Hydrogen and Hydrogen to X (8th June, online) was among the top 5 most viewed sessions of the **IAEE 2021 Conference**. Check out the **summary** of the session [here](#) and the **interview** with the Technical Secretariat coordinator on the topic [here](#).
- Additionally, the Hydrogen TCP has participated in more than 10 different events and workshops in the past months. You can see more details and access the presentations, as well as check planned events organized by the Hydrogen TCP and/or in which it participates [here](#).

Hydrogen TCP Executive Committee Meetings:

- The **85th ExCo meeting** took place online on April 19th, 20th, and 21st. It was focused on ongoing collaborations with IEA Secretariat, updates from the Tasks in Definition and Hydrogen TCP Strategy.
- The **86th ExCo meeting** was held online on June 25th and 28th. The focus was set on Member updates and priorities.
- The **87th ExCo meeting** will take place from September 27th to 29th, a combination of in-person and online meeting is being explored.

Visit the Hydrogen TCP website

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www.ieahydrogen.org



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