

HYSTORIES FINAL CONFERENCE

MAY 25th AND 26th, 2023

IN-PERSON OR VIRTUAL

Hystories project has gathered a pan-European research team to provide technical developments for Hydrogen underground storage and socio-economic insights to support deployment plans of these infrastructures.

European network

7 Partners

17 Third parties

17 European countries



We are pleased to invite you to attend our final conference

www.hystories.eu/final-conference

REGISTRATION



60 bd Saint-Michel | Paris, France | RER B Luxembourg
Paris' School of Mines, Schlumberger amphitheater



Thursday, May 25th, 2023 | 9:00-17:50 (CET)
Friday, May 26th, 2023 | 9:00-16:00 (CET)

May 25th Program

8:30 CET Doors opening

9:00 – 12:30 Hystories technical results

	Title	Speaker name	Affiliation
09:00	Introduction - ways and challenges of underground hydrogen storage	Louis Londe	Geostock
09:15	Hystories overall presentation	Dr. Arnaud Réveillère	Geostock
09:30	Database of European porous media traps	Dr. Ceri Vincent	CO2Geonet (BGS)
09:50	Example of data collection for Italy	Dr. Erika Barison	CO2Geonet (OGS)
10:10	Capacity estimation of the European porous media traps	Dr. Yann Le Gallo	Geostock
10:30	Coffee break		
11:00	Material selection for well casings	Bernd Loder	MU Leoben
11:30	Microbiological characterisation of European porous media sites	Martin Wagner	MicroPro
12:00	Geochemical reactivity	Dr. Joachim Tremosa and Dr. Yann Le Gallo	CO2Geonet (BRGM) & Geostock

12:30 – 14:00 Lunch Break

14:00 – 14:20 Hydrogen Europe's plan for accelerating European hydrogen industry

by Jorgo Chatzimakakis, CEO (Hydrogen Europe)

14:20 – 15:50 Impacts of microbiological activity in underground storages (panel discussion)

Panel chair: Cyriane Fournier (Geostock)

Panel participants:

- Dr. Irina Sin (Mines Paris)
- Dr. Anne-Catherine Ahn (Wageningen University)
- Dr. Anthony Ranchou-Peyruse (University of Pau and Pays de l'Adour)

15:50 – 16:20 Coffee break

16:20 – 17:50 Technical lessons learnt from European pilot projects (panel discussion)

Panel chair: Arnaud Réveillère (Geostock)

Panel participants:

- Dr. Grégoire Hévin from Storengy, presenting the HyPSTER project
- Stephan Bauer from RAG, presenting the Underground Sun Storage project
- Myriam Panofen and Dr. Annette Lenze from Uniper presenting the Krummhörn project
- Eddy Kuperus from Gasunie presenting the HyStock project

19:00 Private Dinner

May 26th Program

8:30 CET Doors opening

9:00 – 12:30 Histories Socio-economic results

	Title	Speaker	Affiliation
09:00	Introduction - Underground hydrogen storage industry	Dr. Pascal Bayloq	Geostock
09:15	Role of underground hydrogen storage in the European energy system	Christopher Kutz	LBST
09:45	European regulation review	Dr. Gianluca Greco	FHa
10:00	Environmental footprint assessment	Jesús Simón	FHa
10:15	UHS Social Acceptance studies	Jesús Simón	FHa
10:30	Coffee break		
11:00	Underground Hydrogen storage Parametric Cost model	Hubert Jannel	Geostock
11:15	Cost and suitability estimation of European Underground Hydrogen storage sites	Dr. Arnaud Réveillère	Geostock
11:45	Analysis of a UHS business case in Italy	Dr. Gianluca Greco	FHa
12:00	Analysis of a UHS business case in Poland	Dr. Leszek Lankof	MEERI-PAS

14:15 – 15:50 Strategies for the deployment of hydrogen storage in Europe (panel discussion)

Panel chair: Christopher Kutz from Ludwig-Bölkow-Systemtechnik (LBST)

Panel participants:

- Dr. Amalia Pizarro from the International Energy Agency (IEA)
- Martijn Overgaag from Guidehouse, representing the European Hydrogen Backbone (EHB) initiative
- Benoit Esnault from CRE (Vice-chair of ACER-CEER Gas Working Group)

15:50 – 16:00 Closing remarks

16:00 End of Conference

May 23th and May 24th

ENeRG' 2nd European Underground Energy Storage Workshop

Histories final conference is organized back-to-back with the 2nd European Underground Energy Storage Workshop, also organized in Paris on May 23-24, 2023. Registrations are independent.

Please visit their website for additional information or to register.

<https://energnet.eu/event/2nd-european-underground-energy-storage-workshop/>

In two and a half years of research works, Hystories has produced technical developments and techno-economic insights in various fields. Check out our geographical information system (GIS) of porous media traps, including the hydrogen storage capacity potential, and all research reports on www.hystories.eu.

