



Committee on Energy



Minutes of WFEO Energy Committee Meeting

April 27, 2022 - videoconference

Attendee list (to be confirmed):

Carsten Ahrens

Alex Carazo

Francis Cheng

Richard Coackley

Donald Dhondee

Jacobo Díaz

Daniel Favrat

Miguel Fierro

Feng Gao

François Giger

Jean Eudes Moncomble

Fyne Ogolo

Philip Pascall

Jorge Spitalnik

Aunt Thet Paing

Agenda

1. Welcome
2. Approval of 26 January meeting's minutes
3. General Assembly meetings in San José, Costa Rica, 4-11 March 2022
4. Task Groups, work in progress
 - Energy storage – Philip Pascall
 - Energy internet – Hongbin Sun
 - Hydrogen – Jean Eudes Moncomble
 - Solar – Carsten Ahrens
 - Electrification – Abubakar Sambo, represented by Fyne Ogolo



Committee on Energy



5. Task Force COP27, work in progress – Jorge Spitalnik
6. Organization of a webinar: first discussions on topics and dates
7. Miscellaneous
8. Next meeting: **Wednesday 13 July, 2022, 14:00 – 16:00 Paris time, online**

1. Welcome

2. Approval of 26 January meeting's minutes

Minutes approved.

3. General Assembly meetings in San José, Costa Rica, 4-11 March 2022

A lot of information is available on WFEO website: <http://www.wfeo.org/>.

- WFEO's new President: José Vieira.
- President Elect: Mustafa Shehu.
- Past President: Gong Ke.

The WFEO published a Statement on Ukraine that you can read here: <https://www.wfeo.org/world-federation-of-engineering-organizations-statement-on-ukraine/>.

Jean Eudes Moncomble met the Chairs of Committee on Engineering and the Environment, Davide Stronati, and Committee on Water (new committee), Ignacio González-Castelao. Maybe the three committees can work together in order to have tranverse work on these issues.

4. Task Groups, work in progress

- Energy storage – Philip Pascall: the major topic is the synergies that energy storage can facilitate in the whole energy system.
The group will meet again soon.
- Energy internet – Hongbin Sun, represented by Feng Gao: presentation of slides about the task group's work.
The group launch a call for participation to help to compose and publish EI research annual report to evaluate worldwide EI development trend.
- Hydrogen – Jean Eudes Moncomble: presentation of slides about the task group's work.
The group had two meetings since the last plenary meeting. Each member has to work on a part of the H₂ value chain and then to think about the messages to share.
- Solar – Carsten Ahrens: presentation of a Word document about the task group's work. The paper on Solar energy will be updated with this new data.
- Electrification – Abubakar Sambo, represented by Fyne Ogolo: presentation of slides about the task group's work, focused on electricity access in Africa.



Committee on Energy



5. Task Force COP27, work in progress – Jorge Spitalnik

People attending COP meeting are not only engineers but come for NGOs, governments...so the COP27 Task Force needs to produce a document they will all understand. It must be a very didactic document.

Jorge Spitalnik received only 3 contributions so far and is waiting for other members contributions to write a first draft with Yogi Goswami.

The Task Force contribution should focus on climate change issue.

Davide Stronati, Chair of WFEO Engineering and the Environment Committee, will be invited to next WFEO Energy Committee plenary meeting. Davide Stronati is the WFEO coordinator for the COP.

If you want to join the Task Force, please write to Jorge Spitalnik and energy@wfeo.org.

6. Organization of a webinar: first discussions on topics and dates

The Committee will organize a webinar that could take place maybe in October or November. The theme could be the vulnerability of energy systems (to be confirmed).

Two of the major subjects today are indeed the increase of energy prices and the security of supply (in link with the war in Ukraine).

Our energy systems could be submitted to very hard shocks: for the energy system, for the citizens, for the economy. In this symposium, we could try to understand the vulnerability of the different kinds of energy systems.

7. Miscellaneous

In October, there could be a Committee on Energy meeting face-to-face in Paris, if WFEO governance meetings take place in Paris: to be confirmed.

8. Next meeting: Wednesday 13 July, 2022, 14:00 – 16:00 Paris time, online

Next meeting will take place Wednesday July 13th, 14:00 – 16:00 Paris time, online.

Available on Pcloud:

- ✓ the slides presented during the meeting (Folder General)
- ✓ "How to use Pcloud" tutorial (Folder General)
- ✓ Task Groups' slides