



Invitation

## Boosting the European energy transition: How to improve storage technologies

11 October 2022, 5:00 pm · Brussels

Dear Ladies and Gentlemen,

Establishing a sustainable society is among the most demanding tasks ahead of us. For a successful clean energy transition, it will be mandatory to have **affordable and sustainable seasonal energy storage** systems. Avoiding the use of critical raw materials and reducing costs as quickly as possible would allow a huge step forward for the energy transition. Innovative materials play a key role in this regard.

Helmholtz addresses key energy research challenges, especially in materials research. Together with our experts from research, industry and politics, we want to discuss key issues: **How can we develop high-performance materials for future storage systems?** What is the role of new IT-related tools to speed up innovation? Can hydrogen technologies become sustainable and more affordable? **What alternative long-term storage technologies should be investigated?**

We cordially invite you to participate in the Helmholtz event:

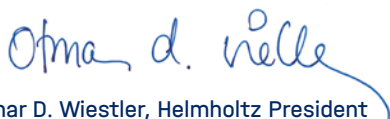
**Boosting the European energy transition:  
How to improve storage technologies**

11 October 2022, 5:00 pm

Representation of the State of Baden-Württemberg to the EU,  
Rue Belliard 60/62, 1040 Brussels

I look forward to an inspiring meeting and to a lively exchange of ideas.

Kind regards.



Otmar D. Wiestler, Helmholtz President

## Programme

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### 17:30 Welcome

- Bodo Lehmann, Head of the Representation of the State of Baden-Württemberg
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### 17:35 Introductions

- Otmar D. Wiestler, Helmholtz President
  - Carlos Morais Pires, Cabinet of Commissioner Gabriel – European Commission
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### 17:55 "The Energy Research Field in Helmholtz"

- Holger Hanselka, Helmholtz Vice-President and Director of the Karlsruhe Institute for Technology

### "Storage Research Infrastructure Ecosystem" (StoRIES; Horizon 2020 Green Deal project)

- Myriam Gil Bardaji, Karlsruhe Institute for Technology
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### 18:15 Panel discussion (45 min)

- Linda Barelli, University of Perugia
  - H el ene Chr aye, DG RTD – European Commission
  - Mike Eikerling, Forschungszentrum J ulich
  - Philippe Jacques, The Energy Materials Industrial Research Initiative (EMIRI)
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Moderator: Kristine August, Helmholtz

## Helmholtz in Numbers

**44.000**

Employees at Helmholtz are working on the world of tomorrow.

**5 Mrd**

Euro budget annually offers our talents excellent conditions for cutting-edge research.

**18**

national labs are dedicated to the big questions of our time every day.

**~11.000**

Researchers from all over the world use our research infrastructures every year.