



Austrian
Chapter



ACADEMY FOR
CONTINUING
EDUCATION

**WORLD
ENERGY
COUNCIL**

AUSTRIA



Event

“Energy transition for all” How much Energy for a net zero economy?

Date: 15. June 2022, 17:00 to 20:00 o'clock
Ort: Kuppelsaal der TU Wien
Karlsplatz 13, 1040 Wien, 4. Floor

Online-Stream will be provided as well.

Topic

In addition to the climate crisis, the current global political situation brings the issue of sovereign and sustainable energy supply in Austria and the European Union even more into focus.

Although Austria is already well positioned in the field of renewable electricity supply through hydropower, a large part of primary energy (for heating, mobility & industry) is still obtained from fossil sources. For the desired rapid decarbonisation and possible energy sovereignty, we still must overcome some major hurdles. For example, the expansion target for an additional 27 TWh of electricity in the Renewable Energy Exchange Act (EAG) is already a big step, but it does not

yet cover all areas and by no means covers (consciously) the entire primary energy demand.

In particular decarbonization of energy intensive industries is not yet taken into account. In fact it is still in discussion to what extent electricity and green gases in particular hydrogen will be needed to decarbonize the industry sector, which represents 34% of greenhouse gases in Austria.

Together with the Vienna University of Technology and representatives from companies, politics and society, we will take a look at:

QUESTIONS

- How much energy do we need for complete decarbonisation? (sectors: industry, mobility, housing, etc.)
- What will be the share of electricity or alternatives?
- Where will this energy come from? Will it be produced in Austria? How much might be produced in international partnerships - in particular as concerns green hydrogen.
- What are the international framework conditions?

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Program*

- 16:30 *Arrival*
- 17:00 **Opening**
- Dr. Michael Losch (Special Envoy for Green Industrial Policy, BMK, Vice President World Energy Council Austria, Executive Board Club of Rome – Austrian Chapter)
Welcoming address
- 17:15 **Univ.-Prof. Dr. Nebojsa Nakicenovic** (Former Deputy Director of International Institute for Applied Systems Analysis (IIASA))
Keynote: International and European Perspective of the energy transition
- 17:45 **Univ.-Prof. Dr. Reinhard Haas** (Energy Economics Group, TU Wien)
Keynote: What does the big picture in the energy sector look like for Austria? What and how much is needed?
- 18:15 *Break*
- 18:30 **Panel discussion: How do we implement the energy transition in practice**
- DI Theresia Vogel (Managing Director Klima- und Energiefonds),
Mag.a Judith Neyer (Director Strategic Energy Policy, Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology),
DI Markus Mitteregger, MBA (CEO RAG Austria AG),
DI Dr. Hildegard Aichberger (Member of the Board, oekostrom AG),
Peter Eiler (Head of Hydrogen Center, VERBUND Energy4Business GmbH)
- Moderation: Univ.-Prof. Dr. Karl Steininger** (Deputy Director of the Wegener Center for Climate and Global Change, University of Graz)
- 19:15 **Public Discussion**
- 19:45 **Wrap-Up**
- Dr. Martin Hoffmann (Secretary General, Club of Rome – Austrian Chapter) &
Dr. Robert Kobau (Secretary General, World Energy Council Austria)
- 20:00 *End*

*Changes are possible.

Supported by

 **Federal Ministry
Republic of Austria**
Climate Action, Environment,
Energy, Mobility,
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