

**2022 SwissCore Annual Event**

# Together for our energy future

The role of research, innovation  
and education in sustainable  
energy production & efficiency

**28 June 2022**

**TownHall Europe – Square de Meeûs 5-6, 1000 Brussels**

**Image source: Synhelion**

# Event Summary



Tackling climate change is one of the great challenges of our time. Switzerland, the European Union, and the EU Member States have ratified the Paris Agreement that strives to keep global warming below 2°C above pre-industrial levels. Both, Switzerland and the EU plan to phase out their greenhouse gas emissions in order to reach carbon-neutrality by 2050 – while gradually transition to sustainable energy production and efficiency.

Creating a sustainable energy production – and better energy efficiency – is both, a great challenge and an important opportunity. The 'Fit for 55' package, its goal to lower carbon emissions by 55% until 2030 compared to 1990 levels, and the objective of more sustainable energy, including lower dependency from Russian gas and oil imports, as set out in the 'REPowerEU' **communication** and **plan**, require broad action. Research, innovation and education already now play a crucial role in this generational endeavor.

Climate change and sustainable energy production and efficiency are challenges affecting everyone and everywhere. International collaboration is a necessity. The 2022 SwissCore Annual Event provides a platform to discuss the role of research, innovation and education for a carbon-neutral Europe and sustainable energy production and efficiency. How can research, innovation and education contribute – and how can Switzerland and the EU leverage their win-win collaboration in research, innovation and education in order to reach this goal together?

## **SwissCore**

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**From 17:00**

**Registration/Welcome Coffee**

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**17:30**

**Welcome remarks**

**Martina Hirayama**

State Secretary, Swiss State Secretariat for Education,  
Research and Innovation

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**17:45**

**Keynote "Fuels from Sunlight and Air"**

**Aldo Steinfeld**

Professor, Department of Mechanical and Process  
Engineering, ETH Zurich

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**18:05**

**Panel discussion: Sustainable energy production and  
efficiency through research, innovation and education**

**Angelika Kalt (Panel Moderator)**

Director of the Swiss National Science Foundation (SNSF)

**Inputs and panel participation:**

**Hélène Chraye**

Head of the 'Clean Energy Transition' Unit at the Directorate-  
General Research and Innovation (DG RTD)

**Bernhard Hoffschmidt**

Professor, Director of the Institute for Solar Research, DLR

**Dragica Vrhovac**

VET Teacher/Project Manager «Polybau» Society

**Aldo Steinfeld**

Professor, Department of Mechanical and Process  
Engineering, ETH Zurich / Scientific Advisor to Synhelion

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**19:15**

**Networking Reception**

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