

INAUGURATION SMALL SCALE DEMONSTRATOR SION (SSDS)

September 14th 2018
Energypolis, EPFL Valais/Wallis



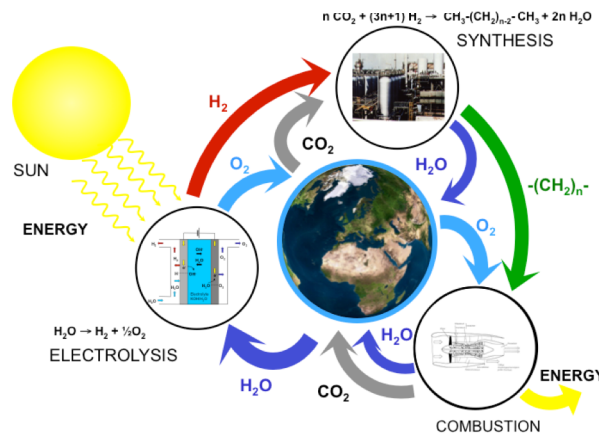
PROGRAM

- 11:00 - 11:25 Energypolis, EPFL Valais/Wallis, Marc-André Berclaz
- 11:30 - 11:55 Small Scale Demonstrator for Sion, Andreas Züttel
- 12:00 - 12:15 Valais Perovskite Cell, Md Kaja Nazeerudin
- 12:15 - 12:30 GRZ Technologies, Claudio Ruch
- 12:30 - 14:00 Apéro riche
- 13:00 - 15:00 Open visit of the 3 rooms of SSDS, Lab LMER, LFIM, LAS, ...

ORGANIZER

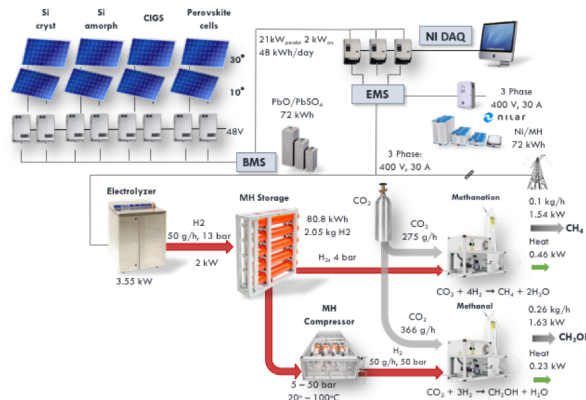
M. Marc-André Bérclaz
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CLOSING THE CYCLE



The storage of large amounts of renewable energy is possible in the form of synthetic hydrocarbons produced from water and CO₂ from the atmosphere.

TECHNOLOGY



<http://ssds.epfl.ch>

The SSDS demonstrates the application of the research topics of Energypolis, serves as a platform for the upscaling, produces real life data and allows to develop energy management systems.

REALISATION



Prof. Andreas
ZÜTTEL



Prof. Md Khaja
NAZEERUDDIN



Dr. Noris
GALLANDAT



Jérémy BERARD



Francois ABBET



Yannick BAEHLER

LITERATURE

Noris Gallandat, Jérémie Bérard, François Abbet and Andreas Züttel, "Small-scale demonstration of the conversion of renewable energy to synthetic hydrocarbons", Sustainable Energy & Fuels (2017).

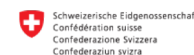


<http://pubs.rsc.org/-/content/articlehtml/2017/se/c7se00275k>

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