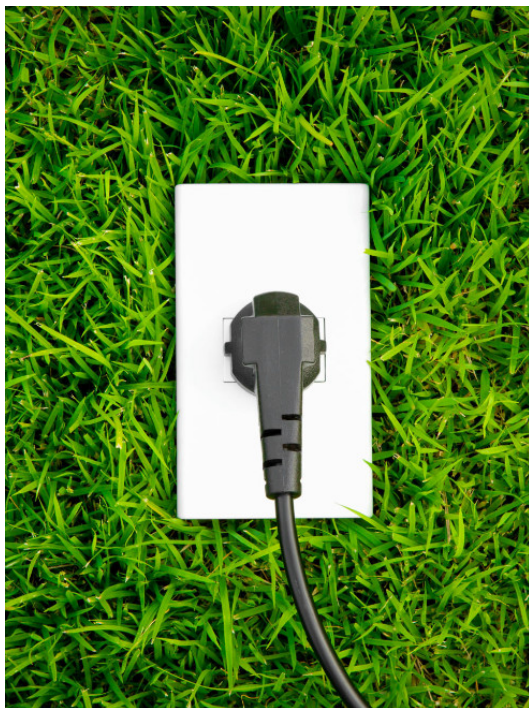




Dear key Swiss electrical infrastructure actors,

What's the added value of the SCCERs for their stakeholders? This is a key question that emerges after 3 years of activities and ongoing discussion on the post-2020 era. The SCCER-FURIES has recently summarized in a [leaflet](#) the key added value of the center for the industrial partners.

This 3rd SCCER-FURIES newsletter for 2017 is dedicated to measures undertaken by the center and key information of interest for the key power grid stakeholders aiming to facilitate the exploration of these benefits, such as:



- **Access to Capabilities:** The capabilities, activities and outcomes of the power grid community are now easily discoverable through the [SCCER-FURIES Knowledge hub](#). This is an online tool accessible by any interested party through the SCCER-FURIES website.

- **Insights on technology trends and visibility:** The key research highlights of the 2017 will be presented at the [4th SCCER-FURIES annual conference](#). This will include presentations from the academy, the industry and the national authorities; and a poster session.

- **Funding:** The [key funding opportunities](#) with approaching deadlines are enlisted, in collaboration with SFOE.

- **Training:** Upcoming [events and workshops](#) are enlisted for young talents development and practitioners.

- **Impact:** [A survey](#) on the Swiss electricity portfolio for the year 2035 is launched by ETHZ and SCCER-SoE, enabling stakeholder to provide their views and influence the Swiss electricity portfolio.

Furthermore, the industrial partners are increasing their involvement into SCCER-FURIES. The SCCER-FURIES community welcomes [5 new Strategic partners](#). This increases to 16 the number of companies that contribute to FURIES at a corporate level.

Best regards and enjoy the reading,

Your SCCER-FURIES Management team

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-

1. Featured article: Knowledge hub

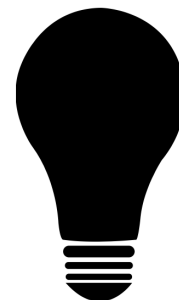
For the SCCERs, the transfer of the knowledge and technology developed in their frame to the academia, market and society represent their key purpose and added value. Therefore, SCCER-FURIES Management office has developed the [SCCER-FURIES Knowledge hub](#).

This online tool links capabilities, activities and results. Through the SCCER-FURIES Knowledge hub, the user can access key information such as:

- **Partners:** Human resources (nb of employees, key competencies), infrastructure (areas, investments cost, equipment)
- **Projects:** abstract, funding agencies, contributors, associated documents
- **Outputs:** abstract, involved partner, publisher, link for further reading

Also, the user can filter down the information by clicking on the map, searching by key words, or using the filters for multiple variables such as locations, dates, themes, etc. The Knowledge Hub will then lists every partners, projects and outputs corresponding to your query.

Cross-links among partners, projects and



6. Events & Workshops

October

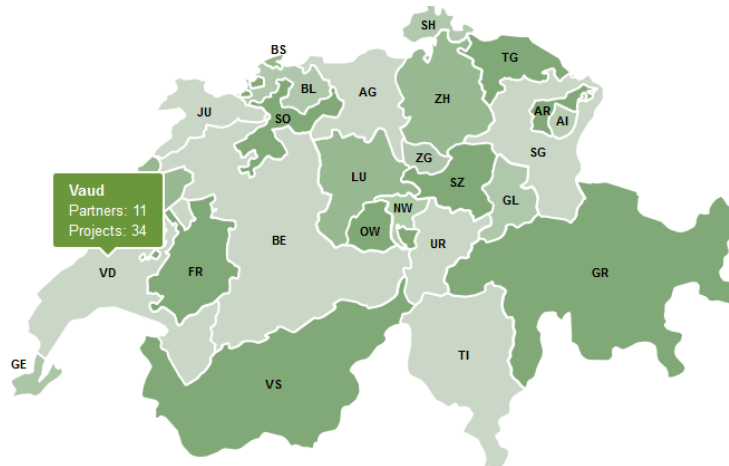
**1st SCCER School –
Shaping the Energy
Transition**

17-20.10.2017 - Engelberg,
Obwald

[Read more](#)

**Research Seminar:
"Experimental Evidence on
the Economics of Rural
Electrification"**

outcomes further contributes to the easy accessibility and discoverability of the information.



You can access the Knowledge Hub by clicking the following link:

https://sccer-furies.epfl.ch/lang/en/Home/KnowledgeHub/Knowledge_hub

For further details, please contact Mr. Georgios Sarantakos (SCCER-FURIES Management office).



2. Annual Conference

4th SCCER-FURIES Annual Conference
02 November 2017 - SwissTech Center, EPFL, Lausanne

This event will bring together 180 experts working on power grids from the academic, private and public sector in Switzerland. Participants will have the opportunity to get insights on the research on smart grids in Switzerland; meet the experts behind innovation products/solutions and explore potentials for new collaborations.

Confirmed presenters include representatives from EICOM, SFOE, BKW, ABB, Ampegon and Siemens.

Registrations are open and free of charge but a limited number of seats is available: <https://goo.gl/forms/9UOePaejAtfl0INi2>

19.10.2017 - University of Basel

[Read more](#)

MOSES Workshop
- Modelling and Optimization of Ship Energy Systems
23-25.10.2017 - EPFL Sion

[Read more](#)

Online Course: Exploring Possible Futures: Modeling in Environmental and Energy Economics
Start: 30.10.2017

[Read more](#)

Practical Renewable Energy Storage
31.10.2017 - Empa Akademie, Dübendorf

[Read more](#)

November

SCCER-FURIES - Annual Conference
02.11.2017 - SwissTech Convention Center, Lausanne

[Read more](#)

22nd int. Transport and Air Pollution conference TAP 2017
15-16.11.2017 - Empa Akademie, Dübendorf

[Read more](#)

European Bioenergy Future
21-22.11.2017 - Brussels

[Read more](#)

SCCER HaE Storage - Annual Conference



[Read more](#)

3. New partners

SCCER-FURIES is pleased to announce that 5 companies joined the centre as new Strategic partners including:

- **[Elektrizitätswerk des Kantons Schaffhausen AG](#)** (EKS) is the Distribution system operator of the Canton of Schaffhausen (SH) supplying electricity to approximately 110,000 customers in Switzerland and neighbouring regions in Germany.



- **[Predictive Layer](#)** is an innovative company based in Rolle (VD) and focused on delivering automated predictive analytics solutions to various sectors such as Energy, Utilities, Industry, Retail, Supply chain & Transport.



- **[Weidmann Electrical Technology AG](#)**, based in Rapperswil (SG), is part of the 130 years-old family-owned WICOR Group. The

[25.11.2017](#)

[Read more](#)

Energy Startup Day

[30.11.2017](#) - Technopark, Zürich

[Read more](#)

SCCER EIP and SCCER FEEB&D joint Annual Conference

[30.11.2017](#) - ETH, Zürich

[Read more](#)

January

Winter School on Data Science and Optimization

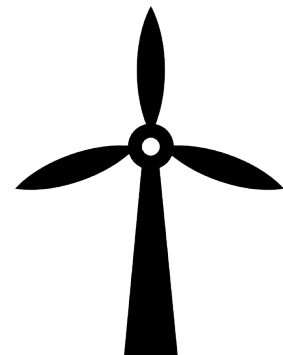
[14-19.01.2018](#) - Zinal

[Read more](#)

Sozialwissenschaften und Praxis im Dialog - Un dialogue entre sciences sociales et praticiens

[26.01.2018](#) - Biel-Bienne

[Read more](#)



7. Open Positions

Ph.D Position - Developing, modelling, optimising and building an ultra-fast, high-voltage and current solid state pulse switch

company develops high-voltage insulation materials, components and systems as well as sophisticated diagnostics and engineering services, sensors and monitors for transformers.

WEIDMANN

- [Ampegon AG](#), based on Turgi (AG), was established in 2012 as a result of the merger of Thomson Broadcast with recently acquired companies. The company is active on the field of high frequency; power electronics; signal processing; control systems; and electrical and mechanical engineering

AMPEGON

- [Zaphiro Technologies](#) is an EPFL spin-off (VD) providing the power utilities with a Phasor Measurement Unit (PMU)- based platform for monitoring and automation system for distribution grids.



The Board and the Management team welcome the new members and is looking forward to a fruitful partnership.



4. Funding Opportunities

4.1 European

- [InnoEnergy](#)
Deadline: 23.10.2017

4.2 Swiss Federal Office of Energy (SFOE)

- [Grids R&D Programme](#)
Deadline: Closed until 2018
- [Electricity Technology R&D Programme](#)
Deadline: Open deadline

The Laboratory for High Power Electronic Systems (HPE) at the Department of Information Technology and Electrical Engineering
ETH - Zürich

[Read more](#)



- [Hydro Power R&D Programme](#)
Deadline: Open deadline
- [Pilot and Demonstration Programme](#)
Deadline: Open deadline

SFOE Guide for fundings:

- [Opportunities for innovation support](#)
- [New Swiss Energy Research Statistics 2015](#)

4.3 Swiss National Science Foundation (SNSF)

- [Doc.Mobility](#)
Deadline: 01.03.2018
- [Early Postdoc.Mobility](#)
Deadline: 01.03.2018
- [Postdoc.Mobility](#)
Deadline: 01.02.2018
- [Project funding](#)
Deadline: 01.04.2018

4.4 Commission for Technology and Innovation (CTI) R&D projects

- [With implementation partners](#)
Deadline: Monthly deadlines;
Upcoming: 16.10.2017; 03.11.2017;
- [Without implementation partners](#)
Deadline: Monthly deadlines;
Upcoming: 16.10.2017; 03.11.2017;

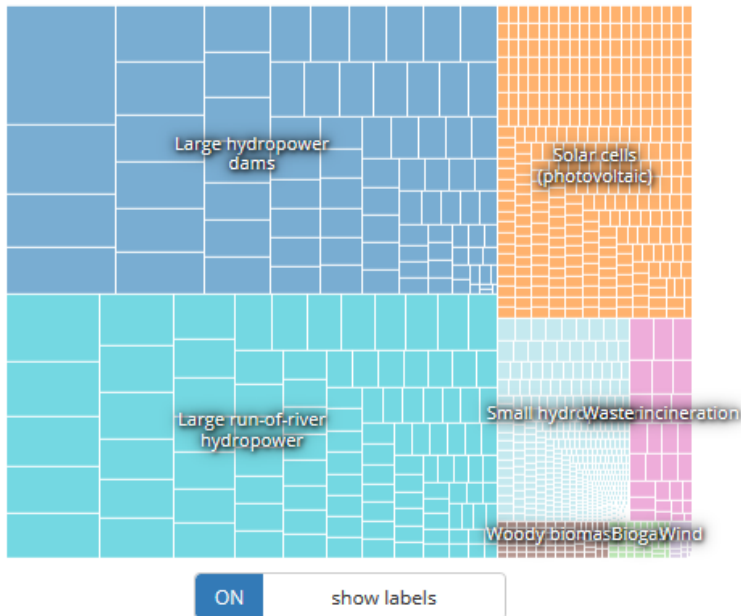


5. Highlights

5.1 Riskmeter: define your preferred Swiss electricity portfolio for 2035

As part of the [RIGOROuS](#) project and in collaboration with the SCCER-Supply of Electricity, the ETH Zürich conducts a short survey (5-10 min) on preferred Swiss electricity portfolio for the year 2035. This survey is based on the platform "[Riskmeter](#)" which let the user explore a variety of Swiss electricity portfolios for 2035, read about pros and cons of electricity generation technologies and choose his/her preferred portfolio.

You are all kindly invited to visit [Riskmeter](#) and take 5-10 minutes to tell the team how the future Swiss electricity supply should look like.



[Read More](#)

In cooperation with the CTI



Energy funding programme
Swiss Competence Centers for Energy Research



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Commission for Technology and Innovation CTI

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