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 though 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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**Table of Content**
1. Featured article: Knowledge hub
2. Annual Conference
3. New partners
4. Funding & Opportunities
5. Highlights
6. Events & Workshops
7. Open positions

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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

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**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:

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 ElCom, 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/9UOePaejAtf0INi2

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

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

Practical Renewable Energy Storage
31.10.2017 - Empa Akademie, Dübendorf

November

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

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

European Bioenergy Future
21-22.11.2017 - Brussels

SCCER HaE Storage - Annual Conference
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
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 merging 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.

**Zaphiro Technologies**

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*
• 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.
In cooperation with the CTI

**Energy funding programme**
Swiss Competence Centers for Energy Research

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederația svizra

Swiss Confederation
Commission for Technology and Innovation CTI

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