

About 4E

Technology Collaboration Program «Energy Efficient End Use Equipment»

What is a Technology Collaboration Program?

An IEA Technology Collaboration Program provides a mechanism for governments, industry, researchers and other interested stakeholders to work together on a commonly agreed program of work.

What is 4E doing?

Since 2008, 4E has been providing an international forum for governments and other stakeholders to share expertise and develop understanding of end use equipment and policies, and to facilitate coordination of international approaches in the area of efficient end use equipment. Thus, 4E has been seeking to meet the challenges for policy makers to maximize energy efficiency on all types of non-transport end use equipment. At the moment, over 500 publications are freely available.

How is 4E organized?

An Executive Committee (ExCo) of the participating countries, i.e. Austria, Australia, Canada, Denmark, France, Korea, Japan, the Netherlands, Sweden, Switzerland, the United Kingdom and the United States, meets yearly twice to manage the work program of 4E, which is carried out within a series of so-called Annexes. To date, 4E includes three approved Annexes: Electric Motor Systems Annex (EMSA), Electronic Devices & Networks Annex (EDNA) and Solid State Lighting (SSL-Annex). Additionally several projects are currently being conducted under 4E.

Further information

Visit the website www.iea-4e.org

Program «Efficiency in Information and Communication Technology and Lighting»

13.30 Welcome / Introduction

Roland Brüniger, Swiss Federal Office of Energy, Switzerland

13.40 Several ICT-EDNA Projects

(Connected Efficiency Awards, Barriers to Intelligent Efficiency, etc.)

Steven Beletich, Operating Agent EDNA, Australia

14.05 ICT and the European activities (ErP, Label, etc.)

Hans-Paul Siderius, Netherlands Enterprise Agency, The Netherlands

14.30 US-Activities (Energy Star, US Regulations, etc.)

Jeremy Domm / Ashley Armstrong, US Department of Energy, USA

14.55 Break / Networking

15.15 SSL- Overview and Performance Tiers, Smart Lamps (LED)

Peter Bennich, Swedish Energy Agency, Sweden

15.35 Potential of Energy-Aware Devices and IoT for a Smart Energy Management

Andreas Rumsch, iHomeLab, Lucerne University of Applied Sciences and Arts, Switzerland

15.55 Energy Harvesting for IoT-Devices

Alexander Heinrich, Fatih Ünlü, Helbling Technik AG, Switzerland

16.15 IoT-Potential to act as enabler for climate protection and energy turnaround

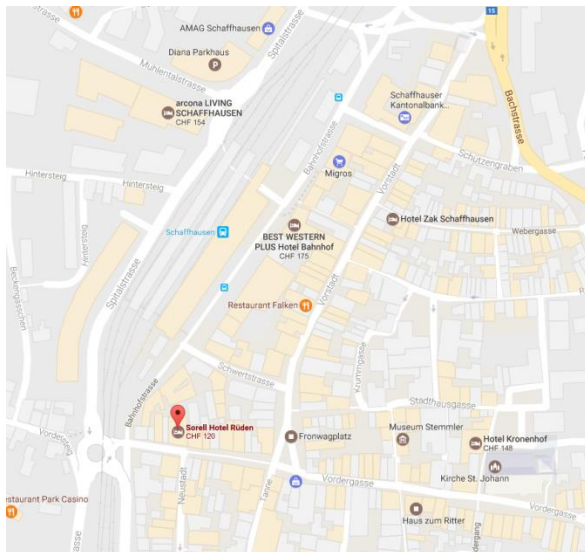
Tobias Kuhn / Vicente Carabias, ZHAW Zurich University of Applied Sciences, Switzerland

16.30 Discussion / Closing / Apéro

Roland Brüniger, Swiss Federal Office of Energy, Switzerland

Information about the conference

Host: Swiss Federal Office of Energy SFOE
Date: June 1st, 2018, 13.30 – 18.00 hrs
Location: Sorell Hotel Rüden, Schaffhausen (close to Railway-Station)



Language: English
Conference fee: Free of charge
Contact: Roland Brüniger, Swiss Delegate to 4E
Registration: The number of participants is restricted to 60 persons.
Please register as soon as possible, at the latest *May 10, 2018* by mail:
roland.brueeniger@brueniger.swiss
Confirmation will be sent to registered participants

June 1st, 2018 in Schaffhausen

Swiss Day 4E

Efficiency in Information and Communication Technology and Lighting

It is a great pleasure to invite an interested Swiss audience to this unique conference to introduce activities of the IEA Technology Collaboration Program 4E «Energy Efficient End Use Equipment». Within half a day this conference provides an excellent overview of the major international activities in the area of the efficiency of information and communication technologies and devices and the international standardization efforts in LED technologies.

Switzerland is heavily engaged in international activities to support the worldwide efforts of energy efficiency. Therefore, Switzerland has joined this Technology Collaboration Program of the IEA. As Switzerland will be hosting the Executive Committee of 4E in spring 2018, it is a unique opportunity that high level speakers will present the latest international activities in this field.

Please, take this unique chance and learn about the latest international development in the interesting field of energy efficient end use equipment in Schaffhausen.

The Swiss Federal Office of Energy welcomes you and wishes you an interesting and informative conference.



Michael Moser **Roland Brüniger**
Swiss Delegates to 4E