Scenarios and perspectives for the Energy Efficiency in the SUDOE Region for 2050 + Technological Platform Visits

5th, 6th & 7th November 2018

Programme

FREE ATTENDANCE!
Monday 5th November 2018

13.30  Registration & Welcome Coffee

14.00  Welcome and Introduction
       Jean-Jacques BEZIAN - Cluster
       Georges ZISSIS - Tr@nsener coordinator

14.30  "Energy transition scenario, from national to regional scale"
       Eric GOUARDES - ADEME Occitanie

15.00  "Occitanie : becoming a Positive Energy Region in 2050"
       Bénédicte RIEY Occitanie Region

15.30  Current situation and prospects at National and Regional scale
       Erik PHARABOD - RTE

16.00  Toulouse Métropole
       Speaker to be confirmed

16.30  "What about Smart Cities – Lighthouse projects as a driver
       for sustainable urban transition"
       Maria RODRIGUES - LISBOAENOMA

17.00  "Microgrids – clusters of smart grid"
       Manuela SECHILARIU - University of Technology of Compiègne

17.30  Networking Coffee

*Poster session – Tuesday 6th November 2018

The session will take place during the lunch time and networking coffee on Tuesday 6th November 2018.

The topics approached during the session will be:
- Photovoltaics
- Storage of energy
- Smart grids
- Security & Big data
- IoT
- Smart lighting

Tuesday 6th November 2018

08.30  Registration & Welcome Coffee

09.00  Organic photovoltaics – IMS
       Laurence VIGNAU - INP-ENSCBP Bordeaux

09.30  Perovskite
       João BRITES – National Laboratory of Energy and Geology (LNEG)

10.00  Power to gas
       Claire DUMAS - LISBP: Laboratory of Engineering of the Biological Systems

10.30  "Natural Gas infrastructures in the service of Energy Efficiency"
       William RAHAIN - TEREGA Jupiter 1000

11.00  "Na-ion batteries: a viable alternative to lithium?"
       Patrick ROZIER – Institut Carnot Chimie-Biard- Cirimat

11.30  "Second life batteries: an innovative approach for energy transition"
       Damien VALET - CEA Tech - France

12.00  Lunch break – Poster Session*

14.00  Blockchain and Energy
       Speaker to be confirmed

14.30  "Big-Data and Cyber-Security for renewable energy systems"
       Georges DA COSTA – IRIT

15.00  "When public lighting will be smart, scenarios and perspectives"
       Yves LE HENAFF – KAWANTECH

15.30  Modelisation - Big Data
       Speaker to be confirmed

16.00  "Optimized operation of a urban Microgrid: prediction, flexibility and real
       time SCADA. H2020 Flexieny use case"
       Miguel Angel OLIVAN – CIRCE- Research Centre for Energy Resources and
       Consumption

16.30  "No smart cities without smart inhabitants"
       Marie-Christine ZÉLEM - CERTOP - CNRS

17.00  Conclusion – Networking Coffee – Poster Session*
Technological Platforms Visit

**Wednesday, 7th November 2018**

09.00 – 10.30

**SCLE:** It’s a high technology company specialized in high-voltage networks. It designs, produces, installs and maintains products and solution that contribute to the availability and effectiveness of networks:

25 Chemin de Paleficat, 31200 Toulouse

11.30 – 12.30

**ADREAM-LAAS:** This Demonstrator aims to build technologies and systems approaches necessary networking massive instrumented and intelligent objects with sensors, actuators and processors.

7 Avenue du Colonel Roche, 31400 Toulouse

**Shuttle Service:**

**Pick up point:** Metro Station BORDEROUGE at 08.30

**Return:** SCLE facilities to ADREAM Demonstrator (LAAS)

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**About TR@NSENER**

**European cooperation Network on Energy Transition in Electricity**

« Building an Efficient Future for Electrify »

This project is co-financed by the INTERREG V SUDOE 2014-2020 transnational cooperation programme.

The general objective of the TR@NSENER project is to mobilize the regions in favour of the energy transition allowing the creation of a new SUDOE energy model.

The specific objectives of the project are:

- Stimulate regional innovation ecosystems in favour of energy transition.
- Promote excellence in training and innovation capacity.
- Emerging innovative projects and innovative companies

www.transener.eu