

## Technological Platforms Visit

Wednesday, 7<sup>th</sup> 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 in telligent 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

« Building an Efficient Future for Electrify »

### European cooperation Network on Energy Transition in Electricity

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



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Scenarios and perspectives for the Energy Efficiency in the SUDOE Region for 2050 + Technological platform visits  
5<sup>th</sup>, 6<sup>th</sup> & 7<sup>th</sup> November 2018

## Programme

Amphithéâtre Laurent Schwartz  
Building 1R3: Institut de Mathématiques de Toulouse  
Université Toulouse III Paul Sabatier

FREE ATTENDANCE!

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## Monday 5<sup>th</sup> November 2018

### 13.30 Registration & Welcome Coffee

#### Welcome and Introduction

Fabrice DUMAS

14.00 Jean-Jacques BEZIAN DERBI – Cluster  
Georges ZISSIS – Tr@nsener coordinator

14.30 “Energy transition scenario, from national to regional scale”  
Eric GOUARDES – ADEME Occitania

15.00 “Occitania : becoming a Positive Energy Region in 2050”  
Bénédicte RIEY Occitania Region

15.30 “Past and future vision of electricity in France & Occitania”  
Erik PHARABOD – RTE

16.00 “What about Smart Cities – Lighthouse projects as a driver for  
sustainable urban transition”  
Maria RODRIGUES – LISBOAENOVA

16.30 “Microgrids – clusters of smart grid”  
Manuela SECHILARIU – University of Technology of Compiègne

### 17.00 Networking Coffee

## \*Poster session - Tuesday 6<sup>th</sup> November 2018

The session will take place during the lunch time and networking coffee on **Tuesday 6<sup>th</sup> November 2018**

The topics approached during the session will be:

- Photovoltaics
- Storage of energy
- Smart grids
- Security & Big data
- IoT
- Smart lighting

## Tuesday 6<sup>th</sup> November 2018

### 08.30 Registration & Welcome Coffee

09.00 “Recent developments in organic photovoltaics”  
Laurence VIGNAU – INP-ENSCBP Bordeaux

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

10.00 Power to gaz  
Claire DUMAS – LISBP: Laboratory of Engineering of the Biological Systems  
and the Processes

10.30 “Natural Gas infrastructures in the service of Energy Efficiency”  
William RAHAIN – TERECA Jupiter 1000

11.00 “Na-ion batteries: a viable alternative to lithium?”  
Patrick ROZIER – Institut Carnot Chimie-Balard- 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 “Big-Data and Cyber-Security for renewable energy systems”  
Georges DA COSTA – IRT

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

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

15.30 “No smart cities without smart inhabitants”  
Marie-Christine ZÉLEM – CERTOP – CNRS

### 16.00 Networking Coffee – Poster Session\*

