



ENERGY DAY

15th of November 2018

**Solar Heating and Cooling
Programme**
International Energy Agency

3rd NZEB Conference
Towards NET Zero Energy Districts
and Communities

FIRST Project Workshop
Mapping flexibility of urban energy
systems

LNEG, Polo Lumiar
Campus IAPMEI
Auditorium



CTS - Centre of Technology and Systems





Solar Heating and Cooling Programme

International Energy Agency

9h00 **Registration**

9h30 Opening session

Teresa Ponce de Leão, President of LNEG

Daniel Mugnier, Chairman of SHC

João Galamba, Secretary of State of Energy

9h45 **Solar Heating and Cooling in Portugal**

Helder Gonçalves, Director of Energy Laboratory, LNEG

10h00 **Energy R&D opportunities and instruments**

Eduardo Maldonado, President of ANI

10h30 *Coffee Break*

11h00 **Presentation of SHC programme**

New Generation Solar Cooling & Heating Systems (PV or solar thermally driven systems) - Task 53

Daniel Mugnier, TECSOL, France

11h30 **Solar Energy in Industrial Water and Wastewater - Task 62**

Christoph Brunner, AEE, Austria

11h50 **Building Integrated Solar Envelope Systems for HVAC and Lighting - Task 56**

Roberto Fedrizzi, EURAC, Italy

12h10 **Solar Standards and Certification - Task 57**

Jan Erik Nielsen, SolarKey, Denmark

12h30 *Lunch*

3rd NZEB Conference

Towards NET Zero Energy Districts and Communities

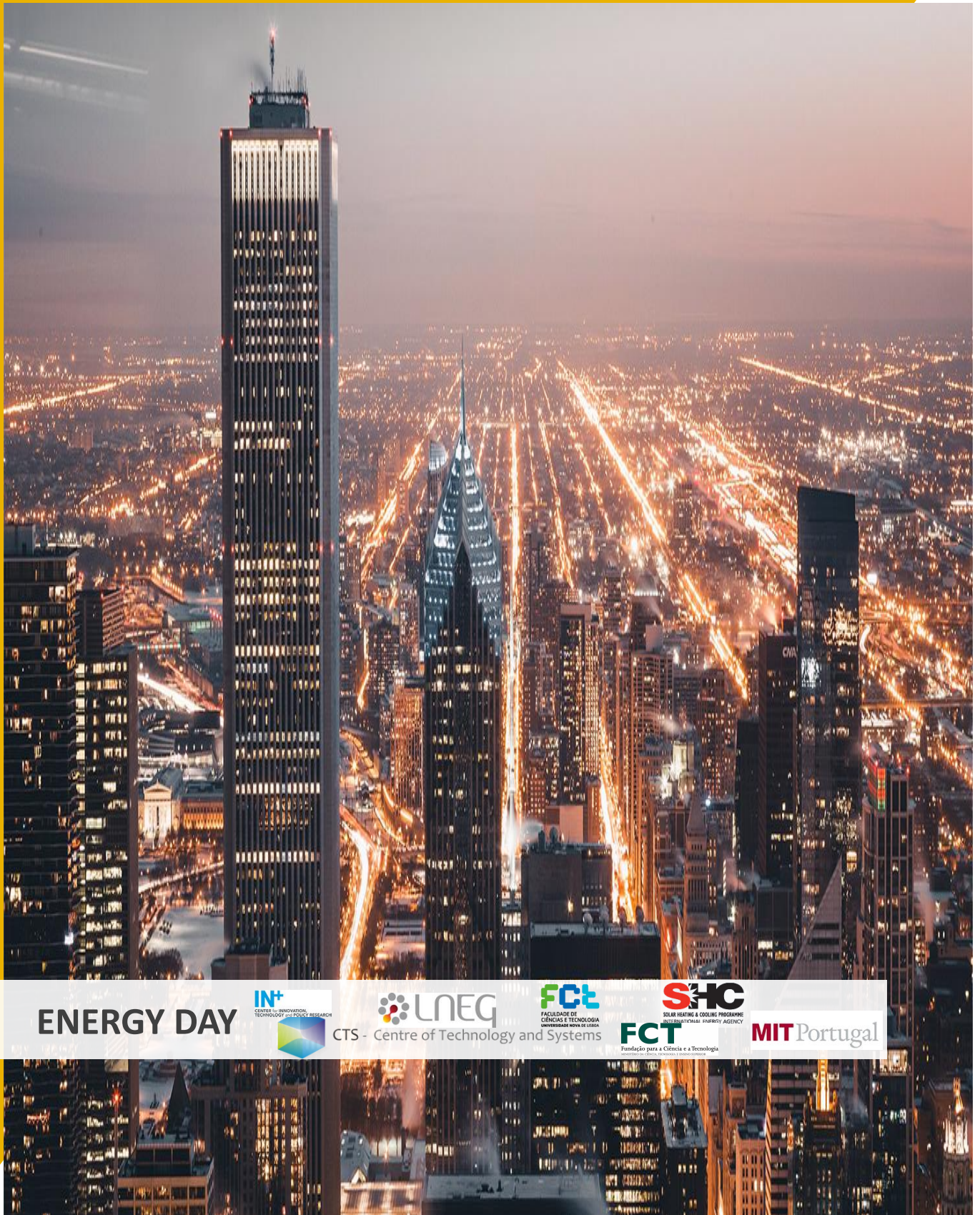
Mapping flexibility of urban energy systems FIRST project 1st Workshop

ENERGY FLEXIBILITY - RESEARCH ACTIVITIES

- 14h00 **Opening session**
Helder Gonçalves, LNEG and Daniel Aelenei, FCT-UNL
- 14h15 **Understanding Energy Flexibility (IEA EBC Annex 67)**
Rui Lopes, FCT-UNL
- 14h30 **SusCity - Urban data driven models for creative and resourceful urban transition**
Carlos Silva, IST
- 14h45 **LisCOOL - NEDO Project**
Ana Estanqueiro, LNEG
- 15h00 **NZEB_LAB - Research Infrastructure on integration of solar energy in buildings**
Helder Gonçalves, Laura Aelenei, LNEG
- 15h15 **Cost-effective Building Renovation at District Level Combining Energy Efficiency & Renewables (IEA EBC Annex 75)**
Manuela Almeida, U. Minho
- 15h30 **FIRST - Mapping flexibility of urban energy systems**
Daniel Aelenei, FCT-UNL
- 15h45 *Coffee Break*

ENERGY FLEXIBILITY - INDUSTRY TRENDS

- 16h15 **Integrid Project**
Pedro Godinho Matos, EDP
- 16h30 **Rehabilitation of Social Housing in the Smart City context
The Sharing Cities approach**
Maria João Rodrigues, Lisboa e-nova
- 16h45 **Energy Efficiency and Renewable Integration in communities**
Luis Hagatong, Schneider electric
- 17h00 **New bussiness urban model: affordable renting program**
Ricardo Veludo, CML
- 17h15 **BOEM-S - What to do with Big Data? A Smart Platform to Fix, Prevent & Improve Energy Systems**
Óscar Moreira, Tecnoveritas
- 17h30 *Closing*



ENERGY DAY



With support of Agência para a Competitividade e Inovação, I.P. IAPMEI

