



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, Chairmain of SHC

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

(*) to be confirmed.

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Towards NET Zero Energy Districts and Communities

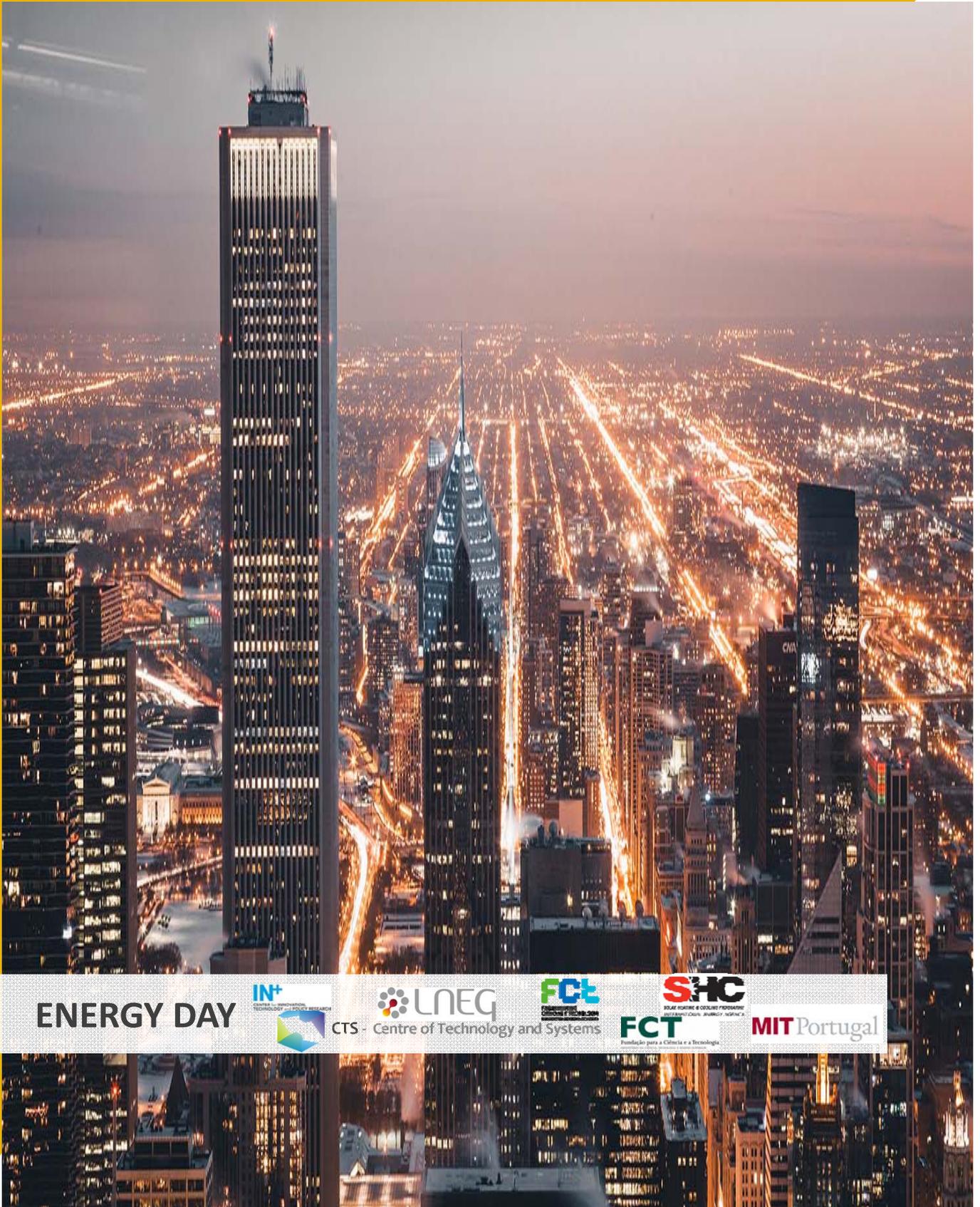
Mapping flexibility of urban energy systems FIRST project 1st Workshop

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*



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