

# Technical seminar to knowledge sharing on energy rehabilitation in public buildings

SOLE PROJECT

High Energy efficiency for the public stock Buildings in Mediterranean.

## TECHNOLOGICAL SOLUTIONS FOR THE IMPROVEMENT OF ENERGY USE IN PUBLIC BUILDINGS

December 1 and 2 2020

Virtual Seminar.

How can I register?: [seminarsole.aae@juntadeandalucia.es](mailto:seminarsole.aae@juntadeandalucia.es)

Organized by:



Agencia Andaluza de la Energía  
CONSEJERÍA DE LA PRESIDENCIA,  
ADMINISTRACIÓN PÚBLICA E INTERIOR  
CONSEJERÍA DE HACIENDA Y FINANCIACIÓN EUROPEA

## Day 1; December 1 2020

### Technological solutions for the improvement of energy efficiency

9:00 – 9:15 **Welcome and Introduction to the SOLE project.**

Andalusian Energy Agency. Mr Francisco Javier Ramírez, General Manager

Associazione Nazionale Comuni Italiani-Anci Toscana. *Ms. Rovena Xhaferi.*

9: 15 -9:30 **The role of building sector in new energy challenges under the green deal.**

DG Environment European Commission Josefina Lindblom

9:30 – 10:00 **Session 1. How to reduce the energy demand of buildings**

- **Building and rehabilitation design.**

University of Sevilla. Decathlon Solar Team. *Ms. María Lumbreras*

- **Use of natural materials,**

Universidad Politécnica de Valencia. IMIP Project. *Mr Pau Brunet*

**Coffee break: 10:00- 10:15**

10:15 – 11:00 **Session 2. How to improve the energy efficiency of facilities**

- **Air conditioning: heating, cooling and ventilation systems**

Association of Refrigeration Manufacturers of Andalusia. – Hanin Ben Ayad

**Lighting.**

Società Illuminazione Firenze spa. *Mr Antonio Pasqua.*

- **Hot Sanitary Water and Heating**

INTELEC Andalusia. Mr. Antonio Ruano.

11:00 – 11:45 **Session 3. How to integrate renewable energies and energy storage into buildings.**

- **Renewable energy generation facilities,**

– Solar self-consumption. Andalusian Energy Agency. *Ms Sara Robles*

– Photovoltaic glass ONYX Solar. Mr. Diego Aparicio.

- **Energy storage: technologies for boosting and leveraging the DERs management.**

– Turning Tables. Mr. Manuel R. Reyes Díaz

Day 2. December 2, 2020

## The management and control of the facilities. Practical cases of energy rehabilitation of buildings

- 9:00- 9:15**      **Conclusions from the first day of the meeting.**  
Andalussian Energy Agency. *Mr. Joaquin Villar*
- 9:15- 9:30**      **Session 1. Building envelope and passive measures.**  
Passivhaus Spanish Plataform. Mr. Joaquín Ruiz.
- 9:30 – 10:15**    **Session 2. The control and monitoring of energy installations in buildings**
- **Control, regulation and automation systems.**
    - Control, regulation and automatic systems. Siemens. Mr Agustín Gil
    - Smart micro-grids. H<sub>2</sub> National Center. Improvement Project *Mr Félix García*
  - **Energy management.**  
Association of Energy Efficiency Companies. A3E
- 10:15 – 10:30**    **Session 3. Energy requalification with a focus on public buildings in Tuscany Region.**  
*Anci Toscana. Mr. Valerio Marangolo*
- 10:30 – 11:45.**    **Session 4. Good practices in the rehabilitation of buildings. Sole Pilot projects**
- Pilot 1. Italy. Energy rehabilitation in school. Municipality of Prato. Simone Girardi.
  - Pilot 2. Greece. Energy rehabilitation in Laboratory.
  - Pilot 3. Jordan. Energy rehabilitation in school. Royal Scientific Society. *Mr Mohammad Al Khalafat and Mr Munther Sharaiha*
  - Pilot 4. Egypt. Energy rehabilitation in Chamber of commerce headquarters. Dr. Mohamed El Sobki
  - Pilot 5. Lebanon. Energy rehabilitation in sport facilities
  - Pilot 6. Tunisia. Energy rehabilitation in sport facilities.
  - Pilot 7. Spain. Energy rehabilitation in administrative buildings. Andalussian Energy Agency. Mr. Fernando Fernández
- 11-45-12:00:** Time for attendees to offer solutions
- 12:00- 12:15** Conclusions and advance of the next training session