

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

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. H₂ National Center. Improvement Project *Mr Félix García*
 - **Energy management.**
Association of Energy Efficiency Companies. A3E. Ms Penélope López
- 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. Talal Salem
 - Pilot 6. Tunisia. Energy rehabilitation in sport facilities.
 - Pilot 7. Spain. Energy rehabilitation in administrative buildings. Andalussian Energy Agency. Mr. Fernando Fernández-Llebrez
- 11-45-12:00:** **Time for attendees to offer solutions**
- 12:00- 12:15** **Conclusions and advance of the next training session**