

INTERREG SUDOE IMPROVEMENT FINAL EVENT IN SPAIN

Integration of combined cooling, heating and power microgrids in zero-energy public buildings under high power quality and continuity of service requirements

7th March 2023, Seville, Place: Hotel Ribera de Triana
Register here: <https://forms.gle/C3fVbq6VTCSNaMzJ9>

Agenda

8:50 Reception and accreditation (10 min)

9:00 Opening and Institutional Welcome (30 min)

- Francisco Javier Ramírez. General Director from Andalusian Energy Agency.
- Jesús J. Martín. Coordinator of the IMPROVEMENT SUDOE project at National Hydrogen Centre.
- Joaquin Villar. Responsible of Communication of the IMPROVEMENT SUDOE project at Andalusian Energy Agency.
- Special Invitation to a sister ENI project SOLE. Presentation of SOLE. Francesca Pratesi – RESOLVO (external support for ANCI Associazione Nazionale Comuni Italiani Toscana).

9:30 SESSION I: IMPROVEMENT PROJECT MAIN RESULTS

Introduction to IMPROVEMENT project Jesus J. Martín – CNH2 (30 min)

Applicability of IMPROVEMENT: Implementation Plan and Good Practice Guide Joaquin Villar –AEA (30 min)

10:30 Coffee Break (30 min)

11:00 SESSION II: INTEGRATION OF THE IMPROVEMENT SOLUTIONS IN BUILDINGS

Lisbon pilot plant: Ana Estanqueiro and David Loureiro– LNEG (20 min)

Energy Management Systems and Monitoring in Lisbon pilot plant: Stéphane Grieu – UPVD (20 min) and Joao Correia - LNEG (20 min)

Puertollano pilot plant: Javier Tobajas and Jesús J. Martín – CNH2 (30 min)

Innovative solutions Power Management Systems: Antonio Moreno - UCO and Pedro Roncero – UCLM (30 min)

Advances and main results from other partners: Rui Costa Neto – IST, Ladjel Bellatreche – ENSMA and Domingo Carrasco – JA (10 min)

Questions and roundtable – CNH2 (5 min)

13:10 SESSION INVITED:

The ARCAS SUDOE project – Manuel García – FECEA. Management coordinator of ARCAS (20 min)

13:30 Lunch (60 min)

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14:30 SESSION III: WORKSHOPS ON STRATEGIES TO TRANSFORM BUILDINGS TO NET ZERO BUILDINGS

- 14:30** **National and Regional strategies for improving energy efficiency in different countries**
Public representatives from IMPROVEMENT and SOLE projects. Moderator: Andalusian Energy Agency – AEA
- *Prof. Mohammed Salah Elsobki - Cairo University, Faculty of Engineering*
 - *David Loureiro – LNEG*
 - *Carlos Santos – IST*
 - *Susanna Ceccanti - ANCI Associazione Nazionale Comuni Italiani Toscana*
- 15:30** **Microgrids and the Energy Management Systems in buildings**
Representatives from Universities, Companies and Research Centres of the SUDOE and ENI area. Moderator: CNH2
- *Ana Estanqueiro – LNEG*
 - *Sahil Al Hmidan – Royal Scientific Society Jordam*
 - *Stéphane Grieu – UPVD*
 - *Francisco Javier López – UCLM*
 - *Antonio Moreno – UCO*
- 16:30** **The role of hydrogen in the energy mix of a building and other forms of energy storage** Representatives from Universities, Companies and Research Centres of the SUDOE and ENI area. Moderator: CNH2
- *Elena Monge – CNH2*
 - *Rui Costa – IST*
 - *Lorenzo Martínez – Geointegral*
 - *Eugenio Trillo – Lean Hidrógeno*
- 17:30** **Conclusions and remarks**
- *Jesús J. Martín - CNH2. Management coordinator of the IMPROVEMENT SUDOE project.*
 - *Javier Tobajas - CNH2. Technical coordinator of the IMPROVEMENT SUDOE project.*
 - *Joaquin Villar – AAE. Responsible of Communication work package of the IMPROVEMENT SUDOE project.*