

<b>IMPROVEMENT – KICK OFF MEETING</b> <b>Córdoba, 15<sup>th</sup> January 2020</b>		
Rectorado de la Universidad de Córdoba – Room Mudejar Avda. Medina Azahara, Nº 5. 14005, Córdoba		
<b>PUBLIC PART</b>	<b>9.00-9.30</b>	<b>Registration of Participants</b> <i>Welcome Coffee</i>
	<b>9.30-10.00</b>	<b>Opening by the local and regional authorities</b> <ul style="list-style-type: none"> <li>• <i>University of Córdoba. Rector</i></li> <li>• <i>Andalusian Regional Government. Provincial Delegate, General Director of Industry</i></li> <li>• <i>Town Hall of Córdoba. Mayor</i></li> </ul>
	<b>10.00-10.15</b>	<b>IMPROVEMENT – General presentation</b> <i>Felix Garcia-Torres (CNH2)</i>
	<b>10.15-11.00</b>	<b>Participants' introduction and Role in the Project</b> <i>Emilio Nieto (CNH2) [5 min]</i> <i>Maria Jose Colinet (AAE) [5 min]</i> <i>Ana María Rodriguez (Andalusian Regional Government) [5 min]</i> <i>Antonio Moreno (UCO) [5 min]</i> <i>Pedro Roncero (UCLM) [5 min]</i> <i>Ana Estanqueiro (LNEG) [5 min]</i> <i>Rui Costa Neto (IST) [5 min]</i> <i>Ladjel Bellatreche (ENSMA) [5 min]</i> <i>Stéphane Grieu (UPVD) [5 min]</i>
	<b>11.00-11.30</b>	<b>Coffee Break</b>
<b>PRIVATE PART</b>	<b>11.30-11.45</b>	<b>IMPROVEMENT –Outline, Governance and Expected Results</b> <i>Felix Garcia-Torres (CNH2)</i>
	<b>11.45-12.00</b>	<b>IMPROVEMENT – Project Communication and Awareness Campaign (WPT2)</b> <i>Amparo Manso (AAE)</i>
	<b>12.00-13.00</b>	<b>WP1 - System definition, Business Model and Implementation Plan</b> Chair: <i>Maria Jose Colinet (AAE)</i> . Introduction to the work package, expectations and relevant tasks [5 min] <b>Task leader presentations:</b> T 1.1. Applicability Study of the proposed technology in different public buildings <i>Francisco Jose Macias Benigno (AAE) [5 min]</i> T 1.2. Global Architecture of the System, dimensioning and definition of the Pilot Plants <i>Spanish Pilot – Felix Garcia-Torres (CNH2) [5 min]</i> <i>Portuguese Pilot – Ana Estanqueiro (LNEG) [5 min]</i> T 1.3. Business Model <i>Francisco Jose Macias Benigno (AAE) [5 min]</i> T 1.4. Regulatory and Certification Framework <i>Ana María Rodriguez (Andalusian Regional Government) [5 min]</i> T 1.5. Implantation Plans <i>Maria Jose Colinet (AAE) [5 min]</i> Discussion [15 min]
	<b>13.00-14.30</b>	<b>Lunch –</b> Restaurante del Rectorado de la Universidad de Córdoba
	<b>14.30-15.15</b>	<b>WP2 - Power Control System For Microgrids With High Power Quality Requirements</b> Chair: <i>Antonio Moreno (UCO)</i> . Introduction to the work package, expectations and relevant tasks [5 min]

	<p><b>Task leader presentations:</b></p> <p>T2.1. Definition of communications and power electronic specifications for the demonstrators <i>Aurora Gil (UCO)</i> [5 min]</p> <p>T2.2. Requirements for the integration of energy storage systems (ESS) and Advanced Metering Infrastructure <i>Aurora Gil (UCO)</i> [5 min]</p> <p>T2.3. Simulated and emulated scenarios for the validation of the power management systems strategies <i>Aurora Gil (UCO)</i> [5 min]</p> <p>T2.4. Development and implementation of innovative power converter and power management system <i>Pedro Roncero (UCLM)</i> [5 min]</p> <p>Discussion [15 min]</p>
15.15-16.00	<p><b>WP3 - Thermal Management System For Microgrids With Renewable Heat And Cool Generation</b></p> <p><u>Chair:</u> <i>Ana Estanqueiro (LNEG)</i>. Introduction to the work package, expectations and relevant tasks [5 min]</p> <p><b>Task leader presentations:</b></p> <p>T3.1. Technology Prospective Analysis for Thermal Energy Storage System for cooling and heating <i>Rui Costa Neto (IST)</i> [5 min]</p> <p>T3.2. Definition of components specifications for integration of the thermal energy system in the demonstrators <i>António Joyce (LNEG)</i> [5 min] <i>Félix Garcia-Torres (CNH2)</i> [5 min] Stephane Grieu [5 min]</p> <p>T3.3. Integration of passive and active ZeB techniques to improve the energy efficiency in Public Buildings <i>Laura Aelenei (LNEG)</i> [5 min]</p> <p>T3.4. Development of renewable-energy-based heating and cooling system [5 min] <i>Rui Costa Neto (IST)</i> [5 min]</p> <p>Discussion [15 min]</p>
16.00-16.15	<b>Coffee Break</b>
16.15-17.00	<p><b>WP4 – Energy Management System</b></p> <p><u>Chair:</u> <i>Stéphane Grieu (UPVD)</i>. Introduction to the work package, expectations and relevant tasks [5 min]</p> <p><b>Task leader presentations:</b></p> <p>T4.1. Prediction Model and Big Data Analysis <i>Ladjel Bellatreche (ENSMA)</i> [5 min]</p> <p>T4.2. Development of optimal control algorithms for combined cooling, heating and power microgrids <i>Stéphane Grieu (UPVD)</i> [5 min]</p> <p>T4.3. SCADA and Control Platform <i>Félix Garcia-Torres (CNH2)</i> [5 min]</p> <p>Discussion [15 min]</p>
17.00-17.15	<p><b>Project Management, Monitoring and Financial reporting under Interreg SUDOE Program</b></p> <p><i>Jesús Martín (CNH2)</i></p>
17.15-17.30	<b>Wrap up meeting and conclusion of the Kick Off meeting. Future deadlines</b>

	<i>Felix Garcia-Torres (CNH2)</i>
19.30-21.00	<b>Touristic Guided Tour by Córdoba organised by the University of Cordoba</b>
21.00-22.30	<b>Consortium Dinner</b>
<b>IMPROVEMENT – TECHNICAL VISIT TO THE FACILITIES HOSPITAL AXARQUIA Velez Málaga (Málaga), 16<sup>th</sup> January 2020</b>	
Hospital de La Axarquía Av. del Sol, 43, Vélez Málaga (Málaga)	
We are still organizing this visit. If it is possible we will rent a bus to travel to the Hospital under IMPROVEMENT budget	