



The [I-SENSE Group](#) is one of the most dynamic research units of the [Institute of Computer and Communication Systems \(ICCS\)](#), the research branch of the School of Electrical and Computer Engineering of the [National Technical University of Athens \(NTUA\)](#), located in Athens, Greece. Founded in 2002, the I-SENSE Research Group is committed to the highest standards of academic excellence and today employs more than 150 researchers who carry out basic and interdisciplinary cutting-edge research across 10 thematic divisions: Connected Cooperative Automated Mobility (CCAM), Earth Observation and Environmental Monitoring (EOEM), Multimodal Logistics & Maritime Operations (ML), Industry 5.0 & Smart Manufacturing (ISM), Circular Economy & Tracing (CET), Smart Mobility Applied Systems (SMAS), Intelligent Networks & Services (INS), Crisis Management and Secure Societies (CMSS), Health Technologies (HT) and Extended Reality (XR). Aiming to generate real value for society and the economy, I-SENSE Group actively supports research exploitation activities and participates in two successful spin-offs.

I-SENSE Group is the project coordinator of BATTERY2LIFE project, having the general management of the project's activities and participating in all the project work packages. I-SENSE Group is leading the requirements and specifications of the two demo sites. It is also responsible for the development of the cloud platform, which facilitates interoperable communication and supports the hybrid edge-cloud BMS architecture. BATTERY2LIFE will be tested in two promising and sustainable business cases: a domestic storage application in Austria and a grid-scale storage application in Greece. The findings will be used to estimate the impact of the project results on the environment and the European battery industry and to prepare recommendations for standardisation Technical Committees. Finally, I-SENSE Group is responsible for the dissemination of the project's results and the overall communication of the project's activities.



