



Press Release
Valencia (Spain), 02 October 2024

The new ECLIPSE project will facilitate energy consumption reduction through the implementation of an open-source reference framework

On 1st September 2024, the new Digital Europe project ECLIPSE on “Energy Consumption reduction based on Open-source Reference framework”, funded by the European Commission with 4.9M€ and set for 2 years, was launched. This project, coordinated by ETRA I+D, will be driven by a consortium of 23 partners in 13 countries throughout Europe.

At the core of ECLIPSE is the objective to implement a Common European Reference Framework (CERF) for energy consumer applications. By the utilization of this common and open-source approach, ECLIPSE aims to create a collaborative environment for stakeholders to access innovative solutions that enable informed energy decisions, reduced carbon footprints, and enhanced grid stability.

ECLIPSE will establish guidelines for creating new energy consumer applications and improving existing ones. These applications will offer users accessible and practical information about energy savings and associated benefits, such as reduced carbon emissions and other financial incentives. By encouraging flexible consumption behaviours—like smart electric vehicle (EV) charging and load shifting—the project aims to bolster grid resilience and improve overall energy efficiency, all while focusing on consumer engagement and voluntary participation.

ECLIPSE CERF will be deployed and demonstrated across 16 EU countries, involving 11 grid operators, 2 energy services companies, 2 energy associations and 8 energy R&D entities.

On 25th and 26th September, the project’s consortium gathered in Valencia for the ECLIPSE kick-off meeting. During this initial meeting, partners discussed the distribution of tasks and defined their respective roles within

the project. The event set the stage for a successful collaboration, aligning efforts to achieve the ambitious goals of the project.

About ETRA I+D

ETRA Investigación y Desarrollo, S.A. (ETRA I+D) is the hi-tech unit within ETRA Group, one of the leading industrial groups in Spain. ETRA's mission is putting technology to work for serving society in the fields of smart energy, mobility, security and communications. ETRA leads the 23 partners' consortium developing ECLIPSE project.

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