

EnerCmed Newsletter - March 2025

Welcome to the March edition of the EnerCmed newsletter! This month we are pleased to highlight two key partners whose dedication and innovation are helping drive our project forward: IRENA (Istrian Regional Energy Agency) and ETRA R&D. Both organisations offer unique expertise and play a crucial role in developing and implementing sustainable energy solutions in the Mediterranean region. Stay with us to learn more about their contribution to shaping a cleaner and more resilient energy future.

The EnerCmed Team

ETRA

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. Its mission is putting in the market the most advanced solutions and services either directly or through the other companies of the Group. The main market areas of ETRA Group are Spain, Portugal, Eastern Europe, LATAM, Northern Africa and the Middle East.

The activity of the company started in the 70's and it is centered in three main activity lines: energy management (with more than 50 major public and private large clients using ETRA's systems) smart mobility (including EV charging infrastructure management) and cyber physical security. ETRA's customers are typically public authorities and large corporations who use the large-scale real-time control systems and information management services provided by ETRA.

ETRA I+D is key player at EU level in industry driven, applied research and innovation. It brings into the projects its expertise in research and development of new technologies and applications as well as a long success record in managing large scale complex EU RTD projects. The track record of the company includes 70 EU projects –26 of them led by ETRA- in FP3, 4, 5, 6, 7, HORIZON 2020 and HORIZON EUROPE.

In the EnerCmed project ETRA I+D plays a key role in the development of a software platform for tracking energy produced, consumed and/or exchanged across the members of each energy community. Furthermore, this innovative solution will test a preliminary form of Demand Response (DR) to enable potential inter-consumers and/or inter-communities trading and sharing of sustainable energy virtual-net-metering, energy storage solutions, or peer to peer trading and the respective billing management. The platform uses blockchain as an innovative approach to validate immutable ledgers, or records of energy exchange transactions that cannot be altered, deleted, or destroyed. Through its participation in EnerCmed, the University of Cyprus reinforces its commitment to sustainable urban transformation, advancing climate adaptation strategies and promoting innovative approaches for energy-positive and climate-resilient Mediterranean cities.



Join the Survey!



IRENA - Istrian Regional Energy Agency Ltd

Founded in 2009 by the Istrian County, IRENA (Istrian Regional Energy Agency) is a public, non-profit institution that plays a pivotal role in advancing sustainable energy development in the Istria region of Croatia. Its primary mission is to support local and regional authorities in designing and implementing effective energy and climate strategies aligned with European and national goals.

IRENA's work spans a broad range of activities, including energy planning, technical assistance for renewable energy projects, energy efficiency improvements, and the development of strategic documents and action plans. In addition, the agency is actively involved in awareness-raising campaigns and capacity-building initiatives that aim to foster a culture of sustainability and empower stakeholders to take action.

Over the years, IRENA has become a trusted partner in numerous EU-funded projects, bringing valuable expertise in regional energy planning, stakeholder engagement, and cross-border cooperation. Its ability to bridge the gap between policy and practice ensures that strategies are not only well-designed but also effectively implemented.

Within the EnerCmed project, IRENA contributes its deep knowledge of the regional energy landscape and its experience in coordinating complex, multi-stakeholder initiatives. Its commitment to a low-carbon, resilient future makes it an essential contributor to the project's objectives of promoting integrated, sustainable energy solutions across the Mediterranean.



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