

NEWSLETTER

Overview of DE-RISK

DE-RISK: Empowering the Future of Renewable Energy

The DE-RISK project is a game-changer for renewable energy integration. Launched in October 2022 and continuing until September 2025, it aims to unlock a massive 100GW of flexibility in the grid by 2030. This will pave the way for a safe and reliable transition to a future powered by renewables.

DE-RISK: Powering Flexibility with Digital Innovation

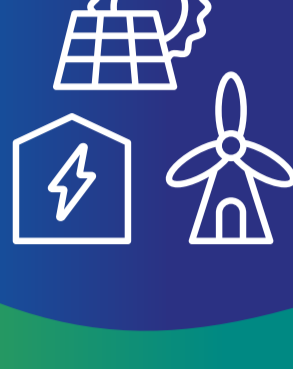
DE-RISK isn't just about market adoption; it's about creating a smarter, more integrated energy grid. The project utilizes a groundbreaking approach that leverages digital twins – virtual replicas – of buildings, citizens' energy consumption patterns, and the grid itself.

This innovative platform allows for real-world simulations before implementation, significantly reducing technical risks during deployment and operation. This translates to a smoother transition to a more flexible grid.

Moreover, DE-RISK goes beyond its initial scope. To maximize its impact, the project will develop innovative business models that ensure benefits for everyone involved. These models will be designed with fairness and sustainability in mind, promoting responsible investment opportunities for all.

DE-RISK also recognizes the importance of a supportive regulatory framework. A team of experts will develop recommendations to establish clear, fair, and transparent guidelines for LFM adoption.

By combining market innovation with cutting-edge technology and a focus on inclusivity, DE-RISK is paving the way for a future powered by clean, reliable, and accessible renewable energy.



What are our aims?

DE-RISK overcomes the above challenges by de-risking the adoption of local flexibility markets to unlock the full demand response potential and therefore supporting the market uptake of renewable energy systems. DE-RISK aims at: boosting, deploying, bridging and developing.

Introduce Our Work Packages

- Project Management and Coordination
- Consumer Journey in the Local Flexibility Market
- Regulatory, Policy, Financial State of the Art Analysis
- Case Study Preparation, Implementation and Validation
- Local Flexibility Business Models, Exploitation and Replication
- Wide and High Impact Communication, Dissemination and Market Engagement



Meet our Partners!



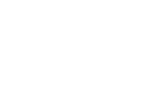
• Weglobal

Weglobal works all over the world on technical assistance and horizon projects financed by international agencies, such as the EU, WB, UNDP. Weglobal is the global Framework contractor of FCDO, UN and EU for worldwide assignments.



• Que Technologies

QUE is an Athens, Greece based company founded in 2019 with the mission to deliver digital tools for a greener and more affordable built environment and energy systems.



• Troia Çevre – Environmental Association

Troy is a non-profit organization that works to provide energy and climate education to citizens, local governments and communities to support local movements against climate change, develop policy relationships between energy communities and authorities, support and strengthen the energy transition in islands and small cities.



• UEDAŞ

UEDAŞ is a DSO Company in the Southern Marmara Region. It provides distribution services to 4 provinces, namely Balıkesir, Çanakkale, Bursa and Yalova in an area of more than 35,000 km².



• University of Galway

The University of Galway is ranked Ireland's #1 university for sustainable development in the Times Higher Education World Rankings (THE). University is not just about excellence in teaching; but also shaping a better world.



• NOVA IMS Information Management School

NOVA IMS is a data science and information management faculty from the Nova University of Lisbon (UNL). His main research areas are information systems, data-driven marketing, data science and geoinformatics.



• MIWENERGIA

MIWENERGIA is a very innovative electricity retailer operating in the Spanish market. It also provides high value services for the energy transition, mainly in the field of renewable energies and energy efficiency for families, companies and organizations.



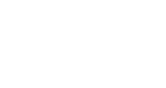
• Research to Market Solutions

R2M Solution is an integrated and multi-disciplinary entrepreneurial innovation company that aggressively targets filling the gap between research activities and market implementation.



• Sofena

SOFENA, which stands for Sofia Energy Agency, is a Bulgarian not-for-profit non-governmental organization founded in July 2001. It was drawn up under the European Union's SAVE II program.



• Ecrowd!

Ecrowd is a ESMA licensed European crowdfunding provider (ECSP). Established in Barcelona in 2013, its platform is mainly focused on crowdfunding campaigns for positive impact projects and sustainable economic activities.



Our Latest Achievements

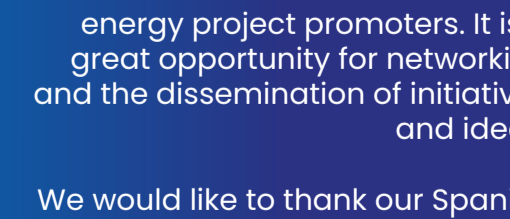
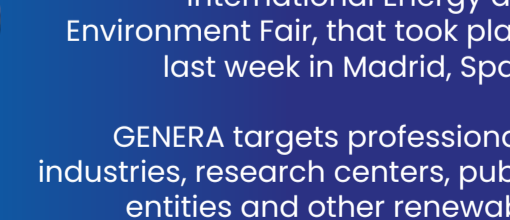
2nd General Assembly Meeting Of DE-RISK Organized Successfully

Upon the completion of the first year of DE-RISK successfully, the Consortium held the 2nd General Assembly Meeting on October 10 and 11, 2023 in Sofia, Bulgaria. In this meeting, with the active participation of all project partners, progress of the project and main achievements as per six work packages and pilot studies were reviewed and thorough planning of the tasks, deliverables and milestones for the next period was made.



Energy Communities, The Issue With Corporate Capture

The De-Risk project was presented at the fair at the QUE Technologies company booth, as well as in the round table entitled "Energy communities, the issue with corporate capture" by Antonis Papanikolaou in the EU Projects Zone. In this colloquium, aspects of the De-Risk project demonstrators were explained, such as the crowdlanding campaign in one of the Spanish pilots. For its part, the other partner present at ENLIT, MIWenergía, had numerous meetings with other participants in the EU Projects Zone where experiences and synergies between De-Risk and those projects were shared.



Thank You to Our Partner R2M!

DE-RISK at GENERA 2024

We are excited to announce that our partner R2M Spain set up a stand at GENERA 2024, the International Energy and Environment Fair, that took place last week in Madrid, Spain.

GENERA targets professionals, industries, research centers, public entities and other renewable energy project promoters. It is a great opportunity for networking and the dissemination of initiatives and ideas.

We would like to thank our Spanish partners R2M Spain, MIWenergía and Ecrowd for having informed the visitors about the DE-RISK Project at this important dissemination event!



DE-RISK

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