

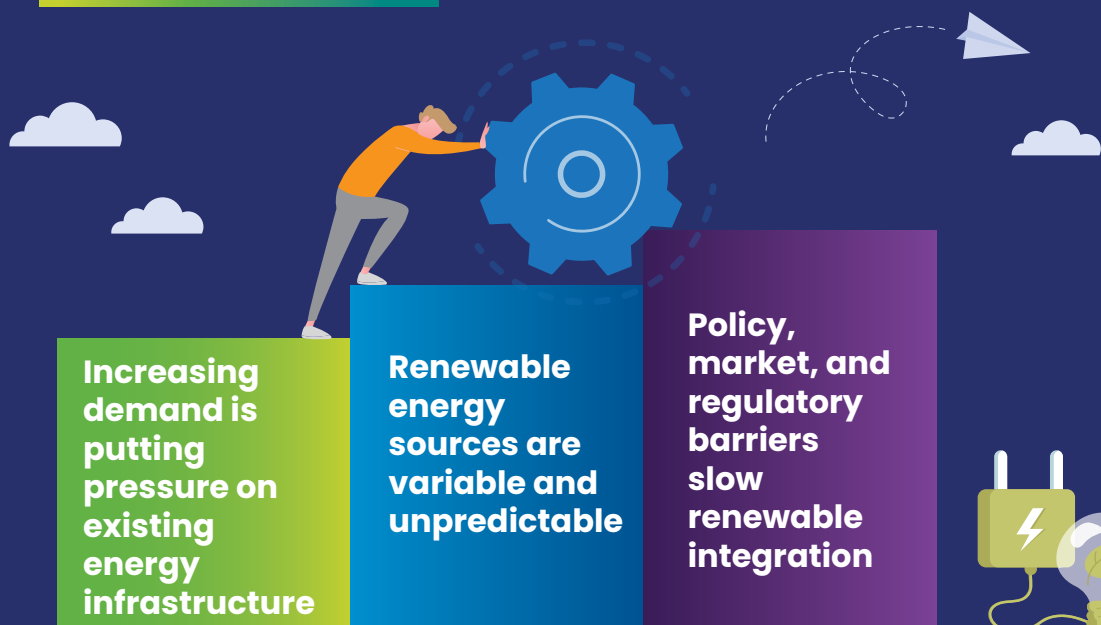


Bringing Flexibility to Europe's Energy Future

The global energy sector is undergoing a critical transformation. To fully integrate renewable energy sources, we need energy systems that are smart, flexible, and sustainable. DE-RISK is leading the way by removing barriers to Local Flexibility Markets (LFMs)—unlocking the power of consumers, smart technology, and innovative business models.



The Challenge



Where We Work

Pilot studies and targeted actions span 6 countries:

- Türkiye
- Spain
- Ireland
- Portugal
- Greece
- Bulgaria

The project is implemented by

10 expert partners

working toward one collective goal:

Unlocking **100** GW of flexibility potential by 2030.

Work Packages

WP1 Project Management and Coordination (led by WEglobal)

Ensuring smooth execution of DE-RISK through strategic coordination and efficient project governance.

WP3 Regulatory, Policy, Financial, and Stakeholders Analysis (led by SOFENA)

Mapping the current landscape and identifying key drivers for policy and market development.

WP5 Local Flexibility Business Models, Exploitation, and Replication (led by R2M Solution)

Developing sustainable business strategies to scale up and replicate successful models.

WP2 Consumer Journey in the Local Flexibility Market (led by NOVA IMS)

Understanding and improving consumer engagement in energy flexibility markets.

WP4 Case Study Preparation, Implementation, and Validation (led by QUE Technologies)

Conducting real-world pilot studies to test and refine innovative solutions.

WP6 Wide and High-Impact Communication, Dissemination, and Market Engagement (led by WEglobal)

Ensuring broad awareness and stakeholder engagement to drive impact beyond the project.

DE-RISK in Action

DE-RISK develops the tools, models, and insights needed to integrate renewables into the grid and build a resilient, consumer-driven energy future.

By analyzing user behaviors, DE-RISK enables energy consumers to actively participate in local flexibility markets—helping balance the grid while reducing their costs.

Empowering Consumers

1

Using a digital twin platform, DE-RISK simulates flexibility potential in four pilot regions—one in Türkiye, two in Spain, and one in Ireland—each with unique climate and regulatory frameworks.

2

Testing in Real-World Conditions

Building Scalable Business Models

3

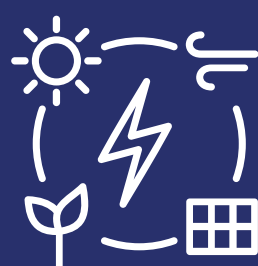
The project develops finance-ready, low-risk models that make flexibility markets more attractive for investors, utilities, and consumers alike.

4

Influencing Policy and Regulation

Through in-depth analysis of the policy, financial, and stakeholder landscape, DE-RISK delivers evidence-based recommendations to accelerate the adoption of LFMs across Europe.

Why DE-RISK Matters



- Integrates more renewables into the grid
- Makes energy systems more efficient and secure
- Encourages active consumer participation
- Reduces investment risk in clean energy solutions
- Provides actionable policy insights
- Supports Europe's clean energy and climate goals

The Future of Energy is Flexible

Through collaborative research, cutting-edge technology, and real-world pilots, DE-RISK is shaping the foundation for a smarter, more resilient energy future.

Be part of the transformation. Bring flexibility to energy. Join DE-RISK.

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DE-RISK Project



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