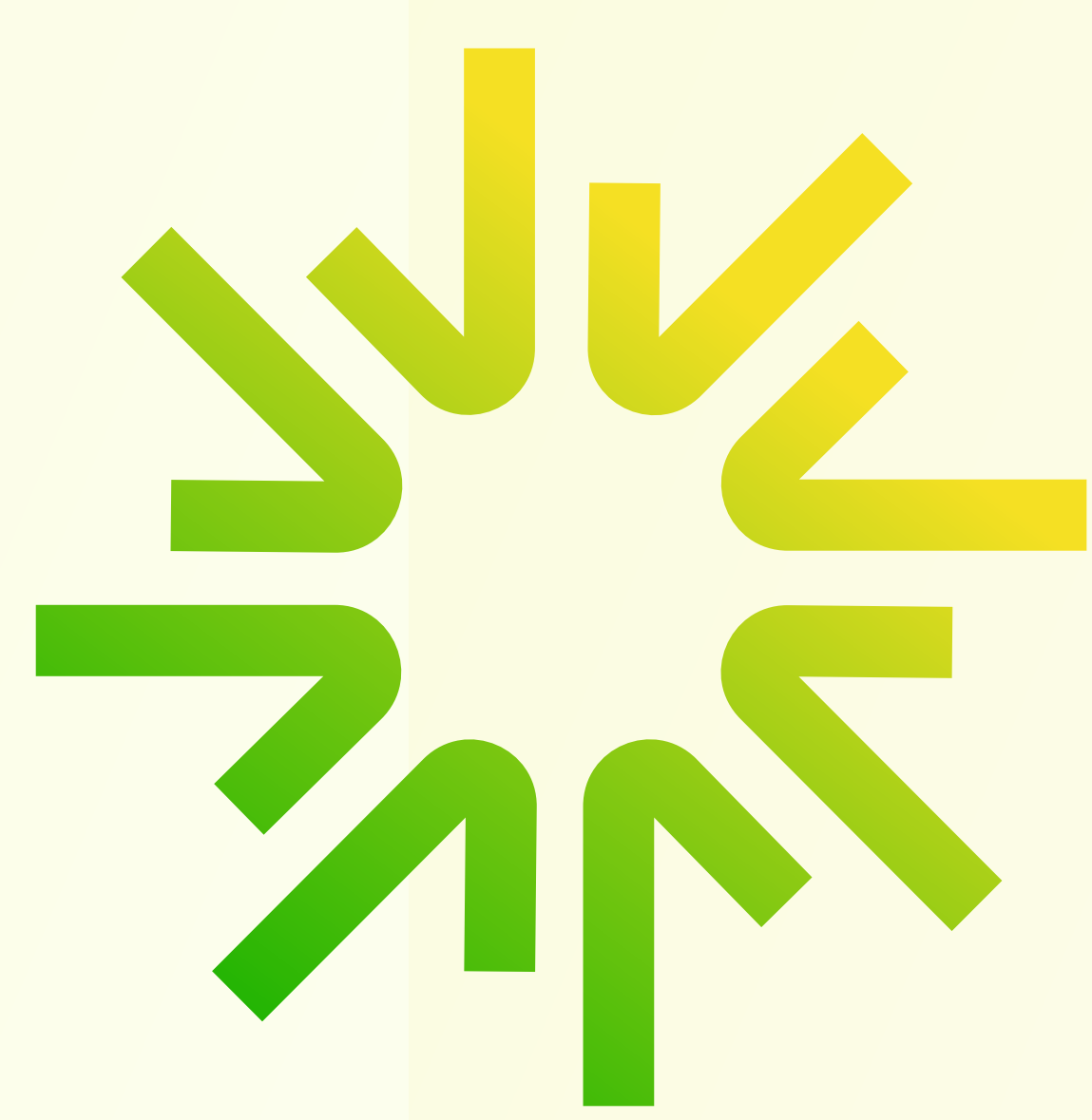




PVSmile

Turning solar energy into community power

Objectives That Matter



Digitalizing the PV Lifecycle



Enabling Smart Grid Readiness



Empowering Energy Communities



Unlocking Data-Driven Energy Services

Large-Scale Pilot Demonstrations

FRONT RUNNER

Pilot Italy

Validates PVSmile in a complex regulatory market through digital twins, AI optimisation and coordination between energy communities and grid actors.

EU EARLY ADOPTER PILOTS

Pilot Spain

Tests large-scale community PV, smart power electronics and data-driven services to strengthen grid interaction and energy sharing.

FRONT RUNNER

Pilot Portugal

Adapts PVSmile digital tools to local energy communities, focusing on PV monitoring, flexibility and user engagement.

NON-EU EARLY ADOPTER PILOTS

Pilot Morocco

Tests community-integrated PV and digital solutions adapted to Mediterranean infrastructure and emerging energy markets.

EU EARLY ADOPTER PILOTS

Pilot Germany

Demonstrates advanced control and data services for community-owned PV in a mature, high-renewables energy market.

EU EARLY ADOPTER PILOTS

Pilot Slovenia

Evaluates lightweight digital solutions for small energy communities, supporting local coordination, autonomy and secure data use.

NON-EU EARLY ADOPTER PILOTS

Pilot Türkiye

Assesses the applicability of PVSmile technologies and governance models in a non-EU regulatory and market context.

FRONT RUNNER

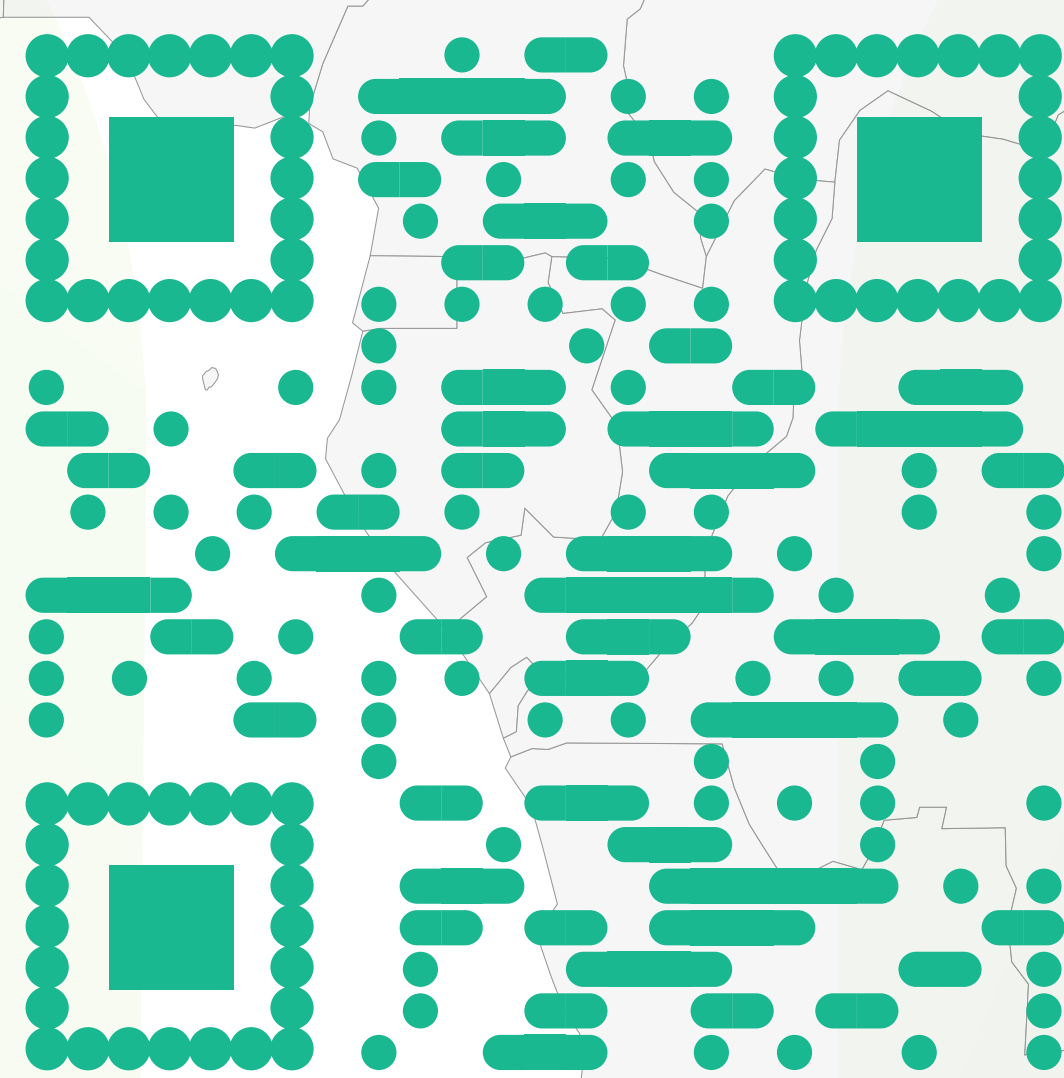
Pilot Greece

Demonstrates community-integrated PV systems with advanced digitalisation, smart grid control and inclusive governance in a real energy community.

NON-EU EARLY ADOPTER PILOTS

Pilot Tunisia

Explores the adaptability of PVSmile tools across climatic and regulatory conditions, strengthening local capacity and knowledge transfer.



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Meet the Partners



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