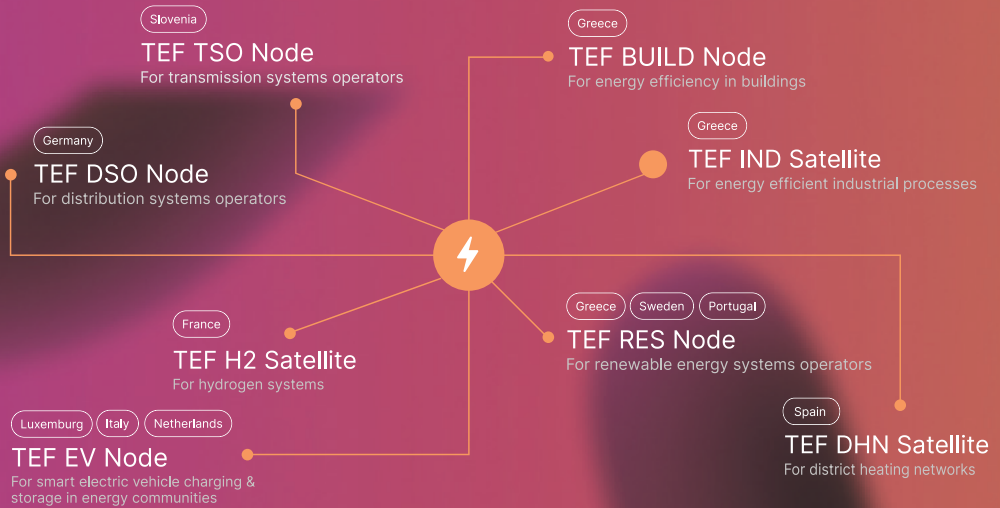




The Future of **Energy** through **AI** Testing and Experimentation



rebase energy



About

EnerTEF is driving the future of AI in Europe's energy sector. By building a powerful network of testing and experimentation facilities, we empower innovators to develop, validate, and deploy cutting-edge AI solutions.

Bringing together leading energy companies, regulatory authorities and innovation experts, we accelerate market adoption, fueling a smarter, more efficient, and sustainable energy future.

Objectives

01

Create a Reference TEF Architecture

Establish an open, federated, and interoperable AI testing environment accessible for all European energy players.

02

Co-design the AI Services Catalogue

Collaboratively develop an AI services catalogue and clear testing scenarios, involving businesses, consumers, and AI providers.

03

Ensure AI Trustworthiness and Ethical Compliance

Develop guidelines ensuring AI-powered services fully align with the EU Artificial Intelligence Act for trustworthy solutions.

04

Enable CEEDS-compliant Data Exchange

Use existing energy infrastructures and industry expertise to create secure, interoperable data-sharing frameworks

05

Access the Federated EnerTEF Marketplace

Create a single-point marketplace for simple access and management of energy resources, data sets, AI models, and tools.

06

Integrate EU Energy AI Nodes and Satellites

Implement and manage a common European testing and experimentation platform, offering realistic regulatory test environments.

07

Involve SMEs in AI Services Development

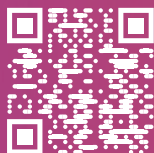
Run practical experiments in real-world or close-to-real-world environments to showcase and refine AI energy solutions.

08

Ensure Long-term Self-Sustainability and Expansion

Build sustainable business models, attract investment, and partner with innovation hubs to ensure ongoing success of EnerTEF.

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