



This project is co-funded by the European Union
and the Republic of Türkiye



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Dispatch decision software for renewable and battery assets

Live on real Dutch market data; method published on SSRN

Founded 2026, Estonian entity, pre-revenue, seeking first pilot



Your Teams' Expertise



Mohit Misra, Co-founder & Advisor. Ex-TenneT TSO strategist. MSc Electrical Power Engineering, TU Delft (Cum Laude). 12 years in energy and commercial roles, including DNV. Brings TSO relations, imbalance settlement expertise and Dutch market access.



Omer Bumin, Founder & CEO. Optimisation under uncertainty: MILP day-ahead dispatch with an explicit CVaR risk layer. Built the engine and runs it in production, on live ENTSO-E and TenneT data.



Grid-constrained and hybrid
asset operation



Risk-aware dispatch optimisation
(MILP + CVaR)



Short-term price and
generation forecasting



Imbalance exposure in
liberalised markets



Production system, live since May 2026. Nightly autonomous runs on ENTSO-E and TenneT data; 136 days of uninterrupted real market data.

EIC Accelerator Step-1, submitted 2 August 2026 (proposal 101357216). Under evaluation, result expected mid-September 2026.



Call: HORIZON-CL5-2027-02-D3-24 (Cluster 5, Destination 3).

Project Idea: real-asset operational validation of a risk-aware dispatch layer.

Deadline Dates: per the CL5-2027-02 call schedule.

Objectives: run the engine in shadow mode on an operating asset and measure imbalance cost against the site's own settlement data.

Expected Results: a measured result on real assets instead of a backtest, and a reusable dispatch component.



Call: Eurostars-3 CALL 12. TUBITAK is the Turkish funding body.

Project Idea: bilateral SME project with an operator or platform in another Eurostars country.

Deadline Dates: 4 March 2027.

Objectives: integrate with a partner's asset and run a full seasonal cycle, winter scarcity included.

Expected Results: a validated product and a reference case both partners can sell from.



No	Partner Name	Type	Country	Role in the Project
01	None yet	-	-	Seeking a first consortium; the engine is built and running in production
02				
03				
04				
05				



No	Expertise	Type	Country	Role in the project
01	Renewable or storage asset owner / operator	Industry	NL, DE, Nordics, TR	Provides one demonstration asset and its telemetry; hosts the shadow-mode run
02	Balance responsible party or aggregator	Industry	NL, DE	Market access, imbalance exposure, settlement data for validation
03	Power systems research group	RTO / University	EU	Independent validation of the method and the measured result
04	Coordinator experienced in Cluster 5	Any	EU	Proposal leadership; Powerlys contributes the dispatch work package

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COUNTRY: Türkiye

