November 12th 2026

AI in Energy

Artificial Intelligence: Its impact in energy sector and how it can contribute to energy transition

Vienna, Austria

www.theenergybridge.eu



About Our Concept

A collaboration Klub, a digital space with an **AI-Community intelligence**, in a **gamified environment**, private **invitation-only**, across generations around a common topic.

THE ENERGY BRIDGE

Problem



Massive current social networks with no frame or engagement



Wide network with no frame

Full of **AI generated content** in RRSS

Limited Time to be updated

Siloed Information

Difficult **Partner Discovery** and accurated information

Lost of knowledge after retirements

This makes coordination difficult



Solution

A community Intelligence platform, with

Collective knowledge

A pre-trained SLM fed with specific data repository, members interaction, knowledge and validation.
Filter the noise

Features for engagement

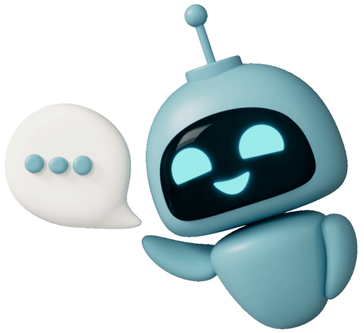
A **gamified environment**, with tools to **summarize** videos and docs, **AI-hydrid answer**, and more.

Continued connection

We are a modern **innovation and collaboration ecosystem.**

This makes coordination easier with AI

TEB Klub Products



AI Collective knowledge

Using the members inputs, it gives a personalized assistance and insights.



Data Repository

Latest news, reports, legal and technical libraries. Connection with APIs.



Community

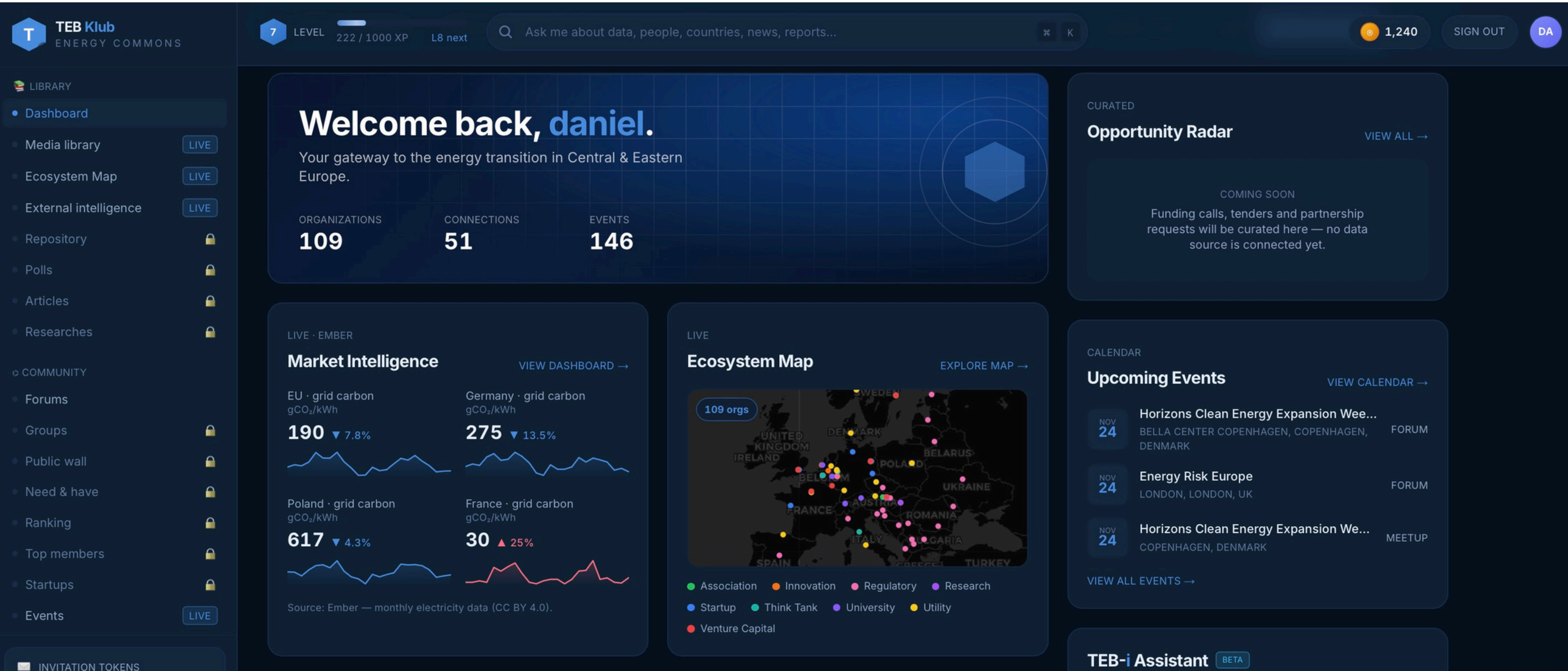
Groups, training, missions, events, partner connections and more.

List of more than 90 features for the Klub



Let’s talk!

Current Intelligence Platform layout



THE ENERGY BRIDGE

3rd TEB Forum

2-3 June 2026

“Energy Transition in CEE”

Day 1: Electrons Day 2: Heat & Cooling



In numbers

500+ people 12 countries

2 stages & 1 Exhibition Hall

90+ Speakers

100+ Organisations

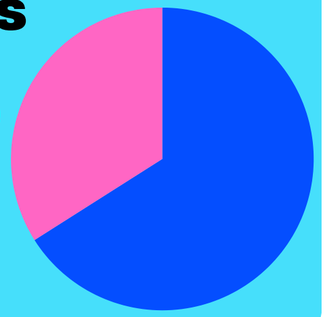
+110.000 LinkedIn impressions

5 Press releases

Atendees

34% Female

66% Male



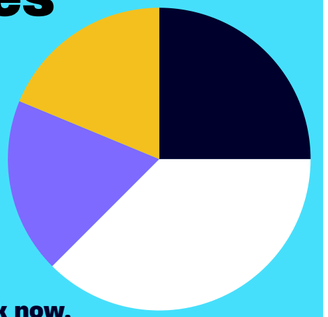
Atendees

25% Academia

37,5% Industry

18,8% Policymakers

18,8% Innovation



Expand your business network now, and validate your brand

THE ENERGY BRIDGE

YOUTUBE CHANNEL!

Released on May 2025

48 Podcast up

From Austria for CEE







AI BENEFITS

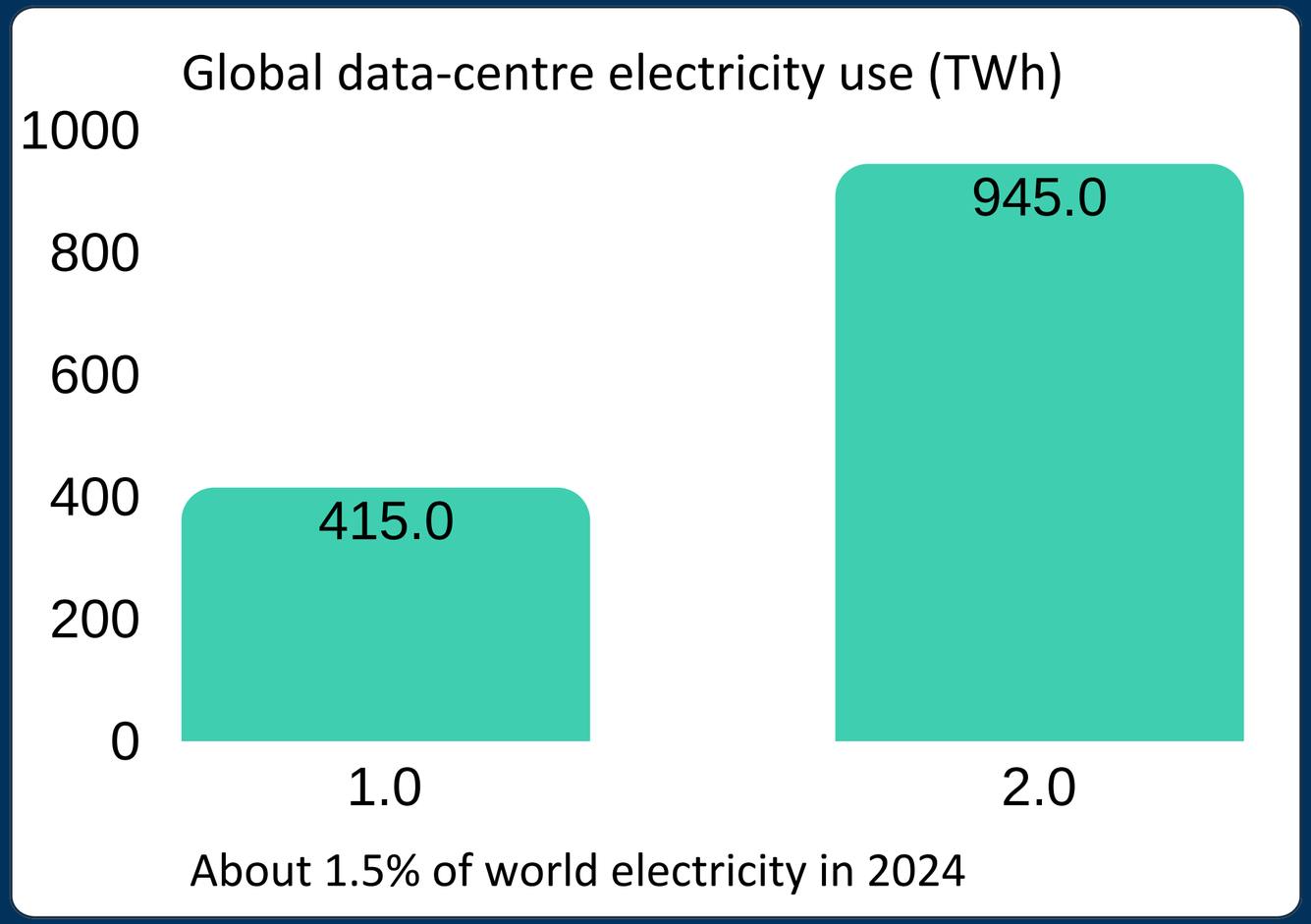


VS



AI SIDE EFFECTS

AI as a problem: rising consumption and waste



Where energy is wasted

- Cooling and wasted heat
- Idle or over-provisioned GPUs
- Oversized models for simple tasks
- Repeated retraining and re-inference

Source: IEA, Energy and AI (2025), iea.org/reports/energy-and-ai. Base Case figures.

AI as a solution: optimizing the energy system

1

Forecast

Demand, solar and wind output predicted with higher accuracy, so less backup capacity runs idle.

2

Operate

Grid congestion management, balancing and predictive maintenance on lines, turbines and transformers.

3

Flex

Demand response, smart buildings and industrial scheduling that follow renewable supply.

Source: IEA, Energy and AI (2025), iea.org/reports/energy-and-ai



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AI is net positive only where rules and data are visible.

Developers, Investors and **Regulators** need to know which obligations apply to energy-intensive AI and to energy systems. That knowledge is scattered across **27 member states.**

EU energy regulation is public, but not usable

27

National legal systems layered on EU directives

24

Official EU languages, plus non-EU partners such as Ukraine

3

Layers: EU law, national law, regulator decisions

Documents are PDFs and portals with no shared structure, so AI tools hallucinate or miss amendments.

Sources: european-union.europa.eu (languages); eur-lex.europa.eu; energy-community.org

Central Energy Data Repository: How it works

1

Ingest

Official sources: EUR-Lex, national portals, regulators

2

Version

Change detection, dates, provenance per article

3

Vectorize

Multilingual embeddings for cross-language search

4

Graph

Law, article, obligation, actor, country, links

5

Serve

AI-friendly access with citations back to the source

Reliable source. Kept **up-to date. Language** friendly.

Pilot sources: eur-lex.europa.eu; ris.bka.gv.at (Austria); zakon.rada.gov.ua (Ukraine)

Prototype: Austria and Ukraine, then all 27

Austria (EU member)

Electricity and gas organisation acts (ElWOG, GWG), renewable expansion law (EAG), **E-Control** decisions, via the federal RIS portal.

Ukraine (Energy Community)

Law on the Electricity Market, **NEURC** regulator decisions, EU alignment, via the Verkhovna Rada legal portal.

Developers

Query rules by API

Finance

Compare market risk

Policymakers

Track EU alignment

Sources: ris.bka.gv.at; e-control.at; zakon.rada.gov.ua; nerc.gov.ua; energy-community.org

AI - Energy Expert

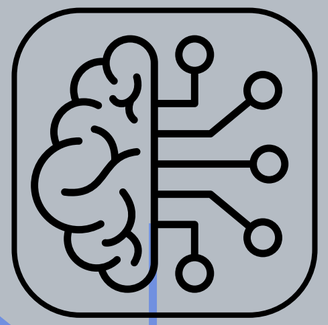
Member profile

- Basic information
- Skills
- Publications
- News
- interests
- Search history



Feedback

Collective knowledge



SLM



Data Repository

- Bibliography related with the Klub topic
- Legal framework
- Technical framework
- Center of news related



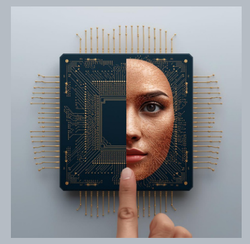
APIs connection (i.e. Energy)

International Energy Agency

IRENA
International Renewable Energy Agency

NREL
NATIONAL RENEWABLE ENERGY LABORATORY

eurelectric



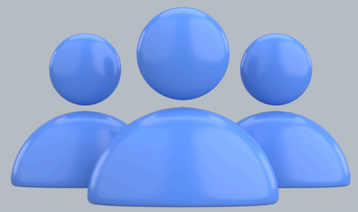
AI hybrid-response

- Accurate and updated answer
- Answer validated by members

+

Member recommendation

- Tailored inteligent partnership with Klub members
- Expert on demand



ROADMAP

Stage 1 - Demo

September 2026

To have the platform in V1 to integrate the firsts members
To train the AI Energy Agent
To have 50 community members

NEXT

Stage 2 - Klub platform development

March 2027

Integration of Data Repository
Integrate AI features
App integration (Apk)
API with researchers
Get 1000 members and design premium
To publish 200 podcasts and videos.

Stage 3 - TEB Klub in Europe

March 2028

Visit and invite EU companies, EU Projects, startups, universities and policymakers
Incorporate companies and sell licenses
Start with the premium memberships to get **10.000 members and 1.000 premium**
To reach 300 podcasts and videos.

Stage 4 - Consolidate EU TEB Klub

March 2029

Visit and invite EU companies, schools, startups, universities and policymakers
Incorporate companies and sell licenses
Consolidate the premium memberships to get **100.000 members and 10.000 premium**

Stage 5 - Go globally

December 2030

Visit and invite Latam and India companies, schools, startups, universities and policymakers
Incorporate companies and sell licenses
Expand premium memberships to get **10MM members and 1M premium**

Our Team

Bringing an international and fresh image to the energy sector, we aim to engage audience and invite to understand with us the process of the Energy Transition, and how to accelerate it.



Daniel Schaub

Co-founder

- Civil Electrical Engineer
- MSc Renewable Energies, TU Wien
- 7 years Sustainable Professional at **Ministry of Energy of Chile**
- 3 years Co-founder company in Chile, developing Renewable Energy



Rahul Mishra

Co-founder

- Electronics Engineer
- MSc Digital Business, HSE
- MSc Renewable Energies, TU Wien
- ScaleUpNation, Business development, supporting high-growth startups
- Managing **energy media platforms at Enlit**



Jack Le

Full Stack Engineer

- Expertise in modern web architectures, rapid prototyping, and **AI/GenAI** integrations.
- Known for high-intensity engineering execution and community building—having
- Technical execution and full-stack development of the TEB platform.

Danke!

“Connecting Expertise,

Accelerating Energy Transition”

Vienna, Austria

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The Energy Bridge · Vienna, Austria · Spin-off of TU Wien · Ecosystem partner, AI Factory Austria (AI:AT)