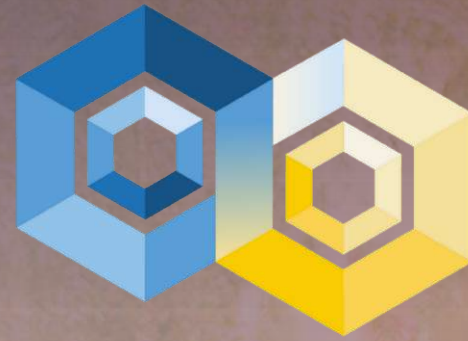


An initiative of the European Union



ECCP MATCHMAKING EVENTS ★

EU-UAE MATCHMAKING EVENT

In the Context of WETEX

DUBAI, UNITED ARAB EMIRATES

1-3 OCTOBER 2025

PITCHING SESSION A | 1 OCTOBER | 10:45 – 11:30



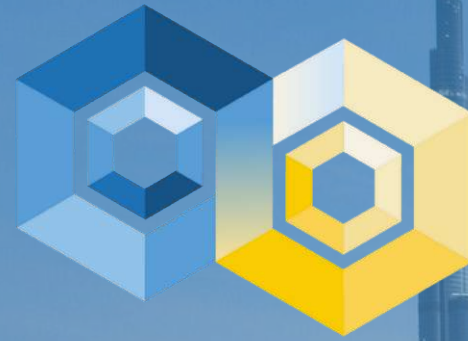
UNITED ARAB EMIRATES
MINISTRY OF ECONOMY & TOURISM



الإمارات العربية المتحدة
وزارة الاقتصاد والسياحة



An initiative of the European Union



ECCP MATCHMAKING EVENTS ★

WELCOME



UNITED ARAB EMIRATES
MINISTRY OF ECONOMY & TOURISM



الإمارات العربية المتحدة
وزارة الاقتصاد والسياحة

Welcome to our exclusive pitching session to connect with leading European clusters and SMEs driving innovation in clean technologies, smart infrastructure, and industrial transformation. Through short, dynamic pitches, each EU delegate will present their expertise and outline opportunities for collaboration in the UAE and the wider Gulf region.

Focus Areas

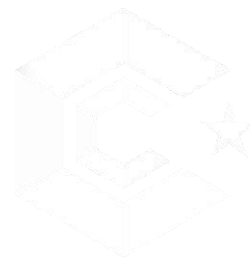
- Renewable energy
 - Smart infrastructure and digital innovation
 - Industrial transformation and decarbonisation
 - Construction technologies

Moderator: Teodora Jilkova, Veritas Cluster, ECCP Team Member

An initiative of the European Union



EUROPEAN CLUSTER COLLABORATION PLATFORM



European Cluster Collaboration Platform: Our mission in a nutshell

Our mission is to be the European online hub for cluster stakeholders (cluster organisations, policymakers and other related stakeholders from the cluster ecosystem) and the reference one-stop shop for stakeholders in third countries aiming to set up partnerships with European counterparts



1600+

Profiled cluster
organisations

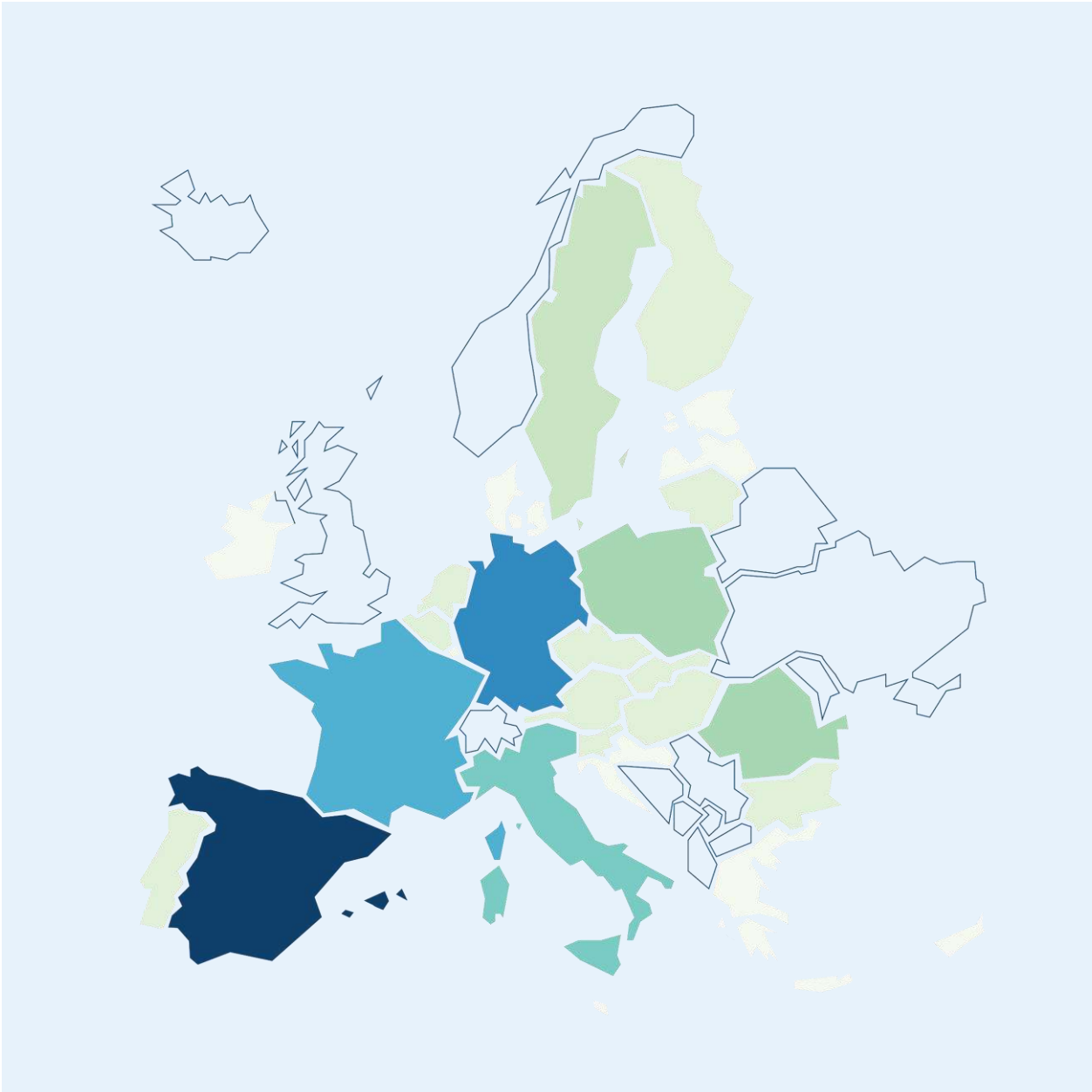
1500+

Bilateral meetings



An initiative of the European Union

European Cluster Collaboration Platform: Clusters in Europe



An initiative of the European Union

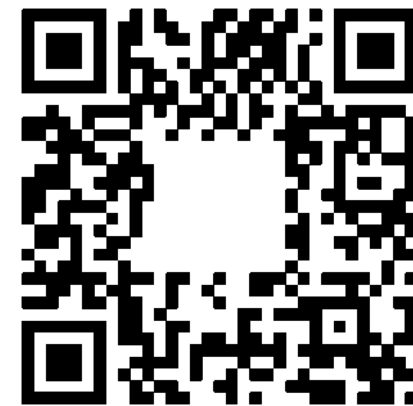
European Cluster Collaboration Platform:

Cluster industries and sectors

Academy
Agri-food
Agri-tech
Aquatic products
Audiovisual
Aviation & Space
Beauty industry
Bioeconomy
Business agency
Clothing
Construction
Education

Energy
Engineering
Fashion
Financial services
Government
Green economy
Human resources
Investor
Information technology
Law
Manufacturing
Maritime

Mining
Packaging
Science
Security
Smart cities
Social economy
Sports
Tech
Tourism
Transport
Veterinary industries
Water management



Visit our website
And follow us social media



www.clustercollaboration.eu



@Clusters_EU



European Cluster Collaboration Platform



European Cluster Collaboration Platform - ECCP

#ECCP



An initiative of the European Union

- Photovoltaic Industrial Technology Cluster – FETEK (Lithuania)
- Inteligentna Energija (Croatia)
- Transylvania Energy Cluster (Romania)
- SOLAR ECO SYSTEMS (Romania)
- TEC CLUSTER (Romania)
- ENSIA – Energy Industrialists and Business Association (Türkiye)
- Archenerg Cluster (Hungary)
- Kb Proiectare si consultanta srl (Romania)
- Energy Transition Norway (Norway)



FETEK

Lithuanian Photovoltaics
Technology Cluster

Skirmante Balezentiene

Photovoltaics Industrial Technology Cluster

proTECH 
Cluster Coordinator



Lithuania's **Photovoltaics** sector

overview. **Co-opetition** over Competition Since 2008

4

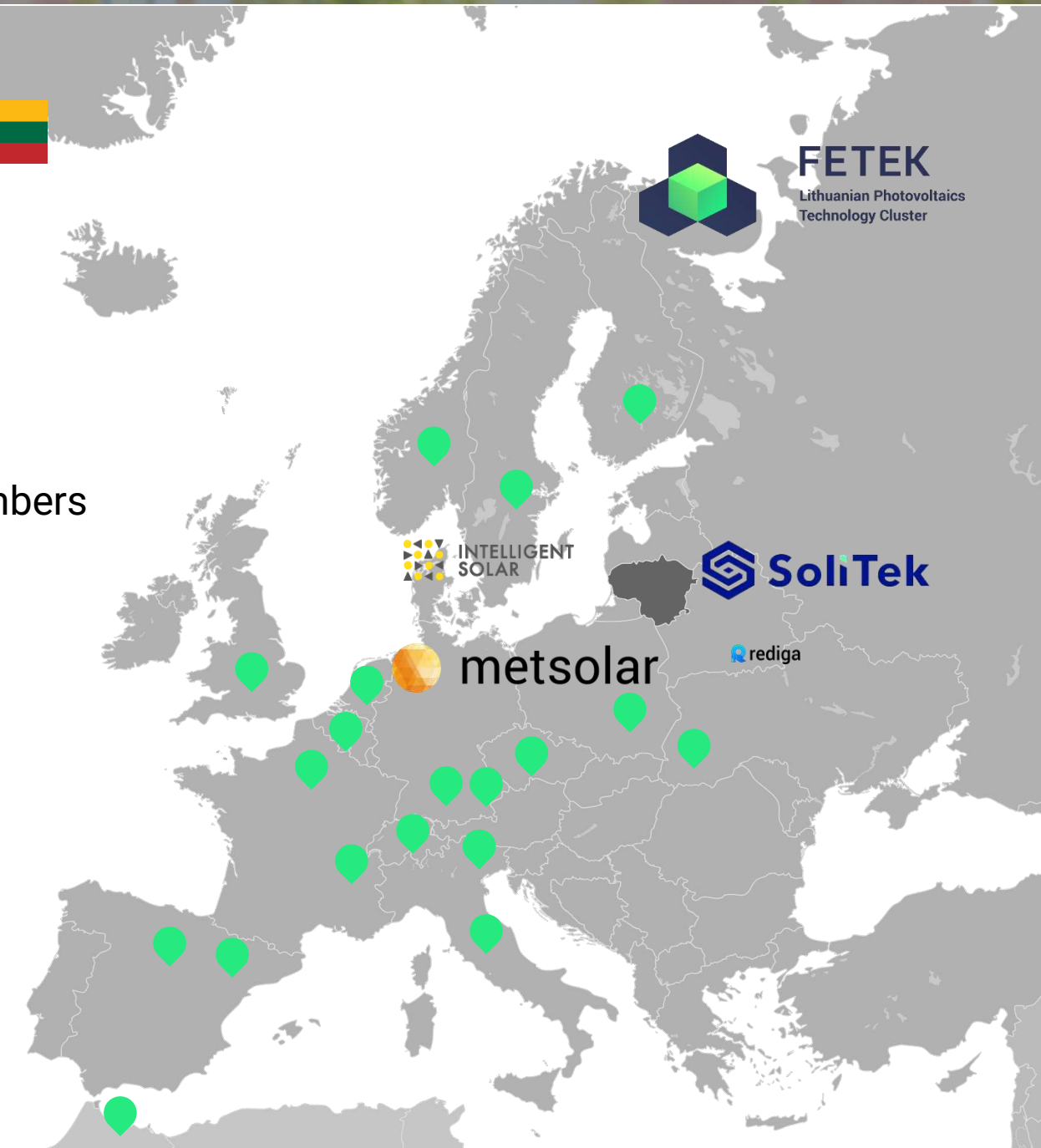
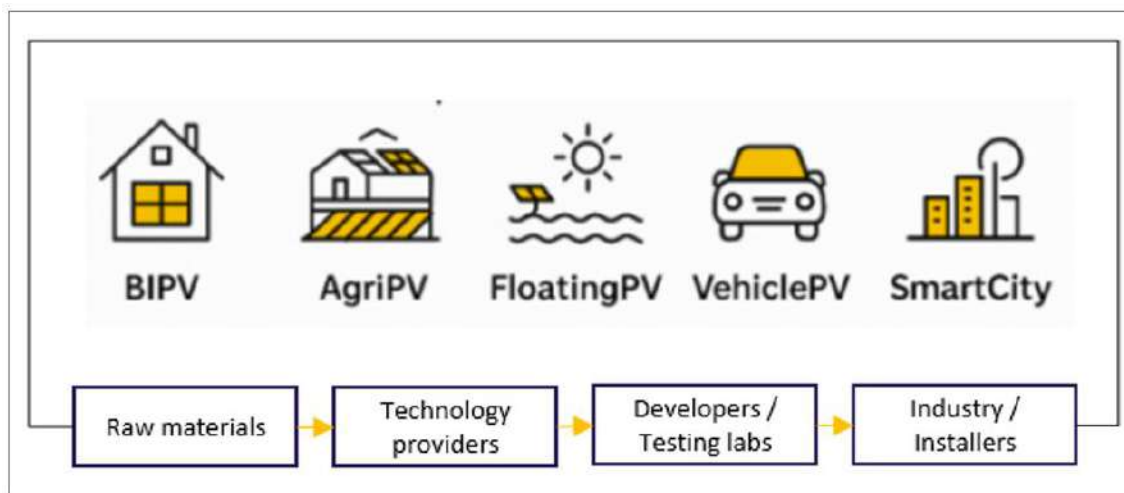
Main Photovoltaics
Manufacturers

120+

joint RTD
Initiatives

45 + 250

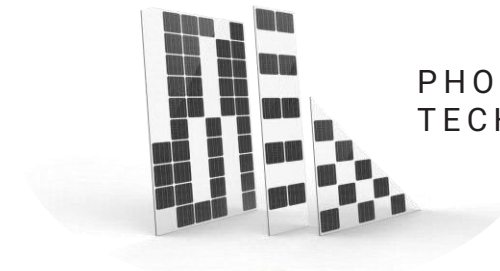
Photovoltaics Industrial Cluster Members
& 250+ associated Members



Where are we now?



FETEK
Lithuanian Photovoltaics
Technology Cluster



PHOTOVOLTAICS
TECHNOLOGIES & PRODUCTS



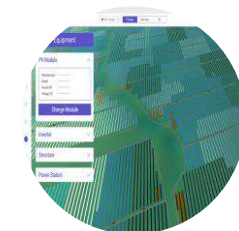
CO₂ UTILIZATION SYSTEMS &
CO₂ REUSE FOR HEAVY
INDUSTRY



Battery Energy Storage Systems
(BESS) and BESS Parks
SIB (Sodium-Ion, Li-Ion)



THERMAL ENERGY STORAGE
(Industrial & Residential)



IoT + deep-tech AI for PV
Operations & Maintenance



**Where are we
now?**



How PV sector was built

Lab-to-Fab success by PV Industry/Research Experts. From creating open-access Industrial RTD infrastructure to leading EU region by PV industry and PV deployment.



Vertical adaptability
Startup ecosystem
Boost



FETEK
Lithuanian Photovoltaics
Technology Cluster

2008

2009

PV Industry emerges



Application to BAPV
/ Solar Parks



Single company
level RTD
support



PV + Storage

2018

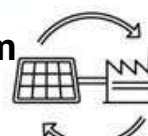


2023



2024

Premium / Premium
Packages



2026

Replication
Worldwide
Model:
Tech-transfer

I UPGRADE

II UPGRADE

III UPGRADE

IV UPGRADE
ongoing

V UPGRADE
upcoming

FLEXCELL
technology
(LT RTD based)

Standard
technologies
(Al-BSF solar cell
technology and 3
busbar module)

PERC
technology
(solar cell and
glass-glass
module
technology)

IBC
technology
(solar cell and
multi-busbar/IBC
module
technology)

Tandem
technology
(solar cell and
module
technology)

Four Major PV upgrades of Si cell / module production technology
(during cluster existence)



2008

Industrial RTD
Infrastructure created
FIRST STEP

Open for Opportunities



FETEK
Lithuanian Photovoltaics
Technology Cluster



OFF-GRID WATER PURIFICATION SOLUTIONS

SEA WATER – TO DRINKABLE
WATER. OFF GRID SYSTEM



AGRI-SOLAR SOLUTION DISTRIBUTION PARTNERS

DUAL LAND USE, UP TO 10%
MORE HARVEST. UP TO 15%
LESS WATER CONSUMPTION



BIPV PRODUCT DISTRIBUTION PARTNERS

MADE IN EU PV/BIPV
PRODUCTS FOR SEAMLESS
INTEGRATION



WASTE HEAT RECOVERY PRODUCT DISTRIBUTION.

UP TO 95% WASTE HEAT
RECOVERY
UP TO 2X MORE DENSE HEAT
STORAGE



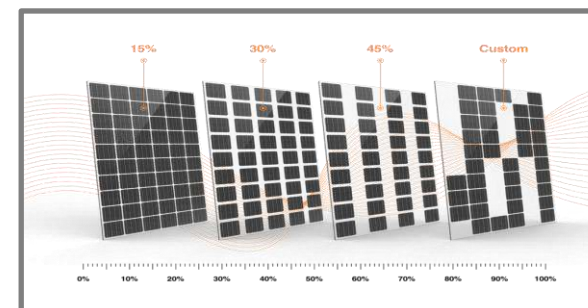
BESS PARK DEVELOPMENT AND INVESTMENT

INVESTMENT READY
INDUSTRIAL SCALE BESS
PARKS + AI (EU/GCC)



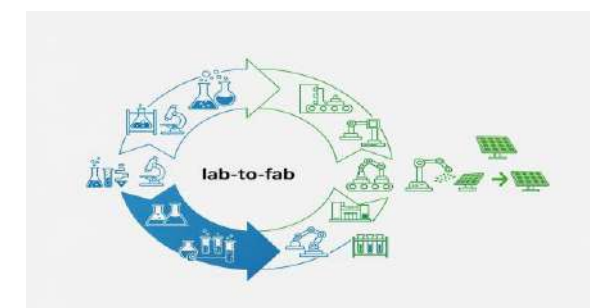
INVESTMENT READY PV/BESS COMPANIES

BIPV/PV MANUFACTURERS
AI STARTUPS
BESS TECHNOLOGY
DEVELOPERS



LOCALIZATION PARTNERSHIPS

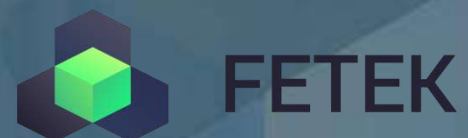
BIPV/PV PRODUCTS
STORAGE SYSTEMS
AGRI-PV SYSTEMS
PV MANUFACTURING SCALE-UP



RTD-BUSINESS SCALABLE MODEL TRANSFER SERVICES

REPLICABLE BUSINESS MODEL
TO BOOST ECOSYSTEM OF
INTEGRATED PV LOCALLY





Let's **#RePowerGCC**
Together!

Skirmantė Baležientienė

Lithuanian PV Industrial Technology Cluster Coordinator

+37065636628

skirmante@protechnology.lt

<https://fetek.lt>

Cluster Inteligentna Energija



Mladen Perkov, dipl.ing.el., MBA

Cluster manager – Inteligentna Energija, Croatia

Potential



70 members: 62 SMEs, 1 town, 2 energy agencies, 3 faculties, 1 CTT, 1 RC
cca 3000 employees,
cca 325.000.000,00 € revenue (w/o faculties and town),
cca 50 % from export activities,
30 equipment and system producers.

Knowledge, expertise and projects in:

- Hydro power, Sun, Wind and Geothermal energy
- Thermotechnical and electrical power systems
- ICT and Smart lightning
- Low energy houses and heat pumps
- Electric vehicles and conversion technology (DC/AC, AC/DC, waste to hydrogen)
- Smart Grid and Energy management

Highlights: Our startups

Green Energy Pal: Enpulse - AI based Energy Management Platform

“Making green energy transition and energy efficiency available to everyone.”

- Distributors and Partners

Luxyon: Perovskite solar cells

“Let’s transform every surface into a source of renewable energy.”

- Investors and Producers

Premeira energy: Real-time monitoring, optimization, and management of solar PV-based microgrids with integrated battery storage and EV charging infrastructure.

“Enabling clients to increase profitability, reduce O&M costs, improve energy yield, and better integrate renewables into grids.”

- Distributors and Partners

**“The most valuable innovation is
art of collaboration”**

Cluster Inteligentna Energija

Vincenta iz Kastva 10, 10000 Zagreb, Croatia

+385 98 346 959

mladen.perkov@intelligentnaenergija.hr



Dr. Oana Raita

Cluster Manager

Sectorial focus: Energy

Transylvania Energy Cluster (TREC) is a Romanian initiative aimed at promoting sustainable energy, innovation, and collaboration across various sectors of the energy industry. Here are some key aspects that would likely drive Transylvania's interest in the Indian market:

1. Expanding Renewable Energy Solutions
2. Innovative Energy Storage and Grid Solutions
3. Green Hydrogen and Alternative Fuels
4. Digitalization and Smart Energy Management
5. Research and Development Collaboration

Services / Achievements

Transylvania Energy Cluster established with a mission to drive growth, efficiency, and green transformation within the energy sector, the cluster is pivotal in supporting Romania's and the EU's energy goals, while fostering international partnerships to promote global energy sustainability.

Core Services and Areas of Expertise: Renewable Energy Development, Energy Efficiency Solutions, Innovation and Research & Development, Policy Advocacy and Regulatory Guidance, International Partnerships and Market Expansion.



Name

Dr. Oana Raita, CS II

Contact details,

+40721787971



Partner | **cellcube**
BUILDING ENERGY STORAGE INFRASTRUCTURE

AESOLAR

REFU

PRAMAC

FLORIN BALINT

CEO

SOLAR ECO SYSTEMS SRL

since 2010

CLUJ IT

eDiH4.Society

EDIH

European
DIGITAL SME
Alliance

enterprise
europe
network
Serviciul de consultanță la dispoziția
întreprinderii dumneavoastră

ENERGY EFFICIENCY / NZEB BUILDINGS DESIGN ENGINEERING, PROCUREMENT & CONSTRUCTION PHOTOVOLTAIC POWER PLANTS AND BESS(VRFB & LI-ION)

Documentation of all project phases - Elaboration of technical-economic documentation

- PRELIMINARY CONSULTANCY STUDIES AND SOLUTION STUDIES FOR CONNECTION TO THE NATIONAL ENERGY SYSTEM;
- CONSULTANCY FOR OBTAINING THE TECHNICAL APPROVAL OF GRID CONNECTION;
- COEXISTENCE STUDIES OF ELECTRICAL INSTALLATIONS WITH DIFFERENT TARGETS;
- FEASIBILITY STUDY;
- TECHNICAL IMPLEMENTATION PROJECTS;
- BUILDING PERMIT DOCUMENTATION;
- AS-BUILD DOCUMENTATION.

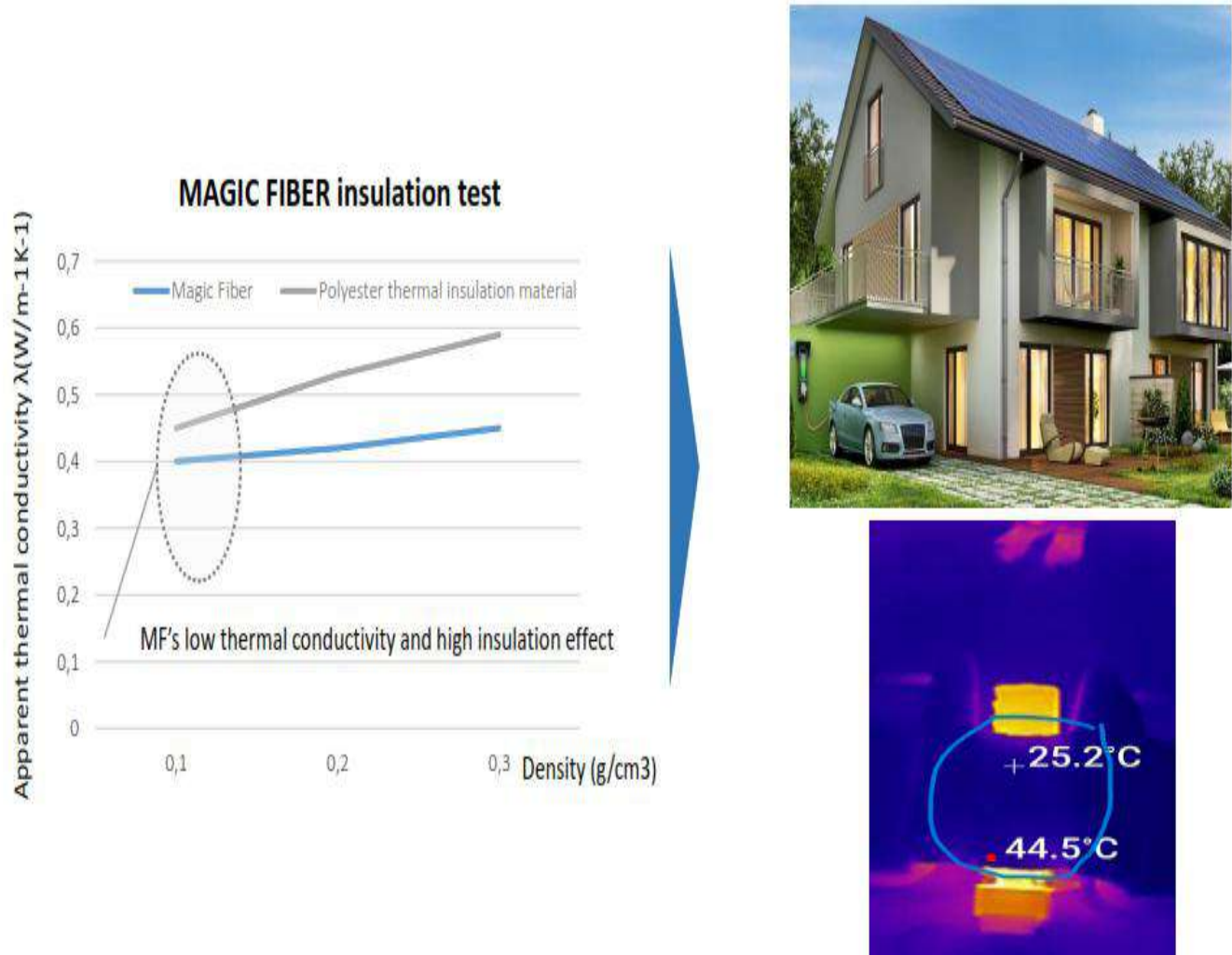


ENERGY EFICENCY / NZEB BUILDINGS

SOLAR ECO SYSTEMS & M-TECHX

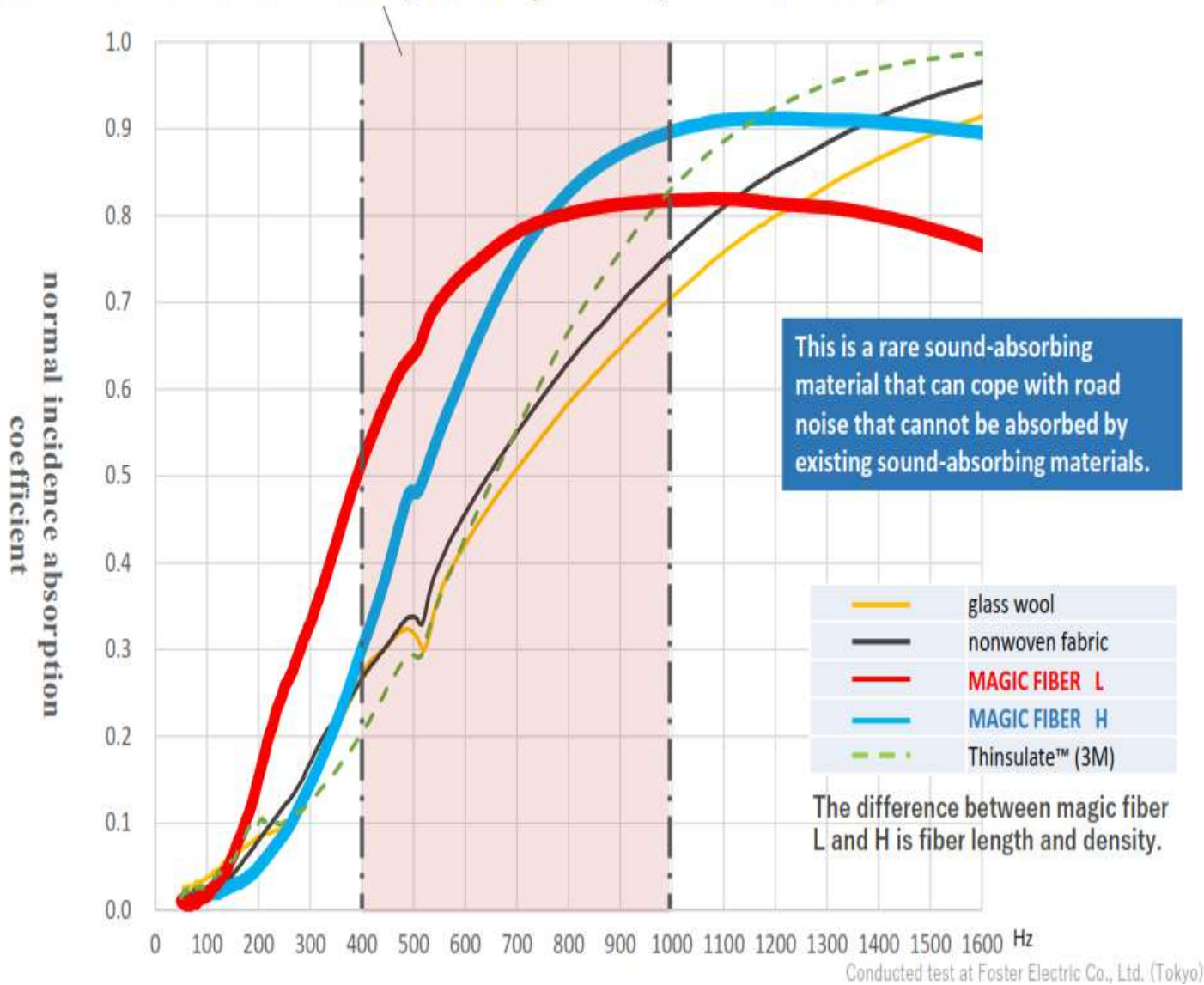
MAGIC FIBER has proved high insulation property with less weight than conventional polyester fiber.

If used in building materials → comfortable and energy efficient houses, buildings and factories can be built



R&D + PRODUCTION LINE OF NANOFIBER IN ROMANIA

MAGIC FIBER excels at absorbing low frequencies (400 ~ 1000 Hz).





**ECCP
MATCHMAKING
EVENTS** ★

Thank you!



FLORIN BALINT

CEO

SOLAR ECO SYSTEMS SRL

executiv@solecs.eu

<https://stocareenergie.ro>



Session Title

Gabriela Sterian

Project manager

Session Title

Romania-based innovation cluster

Focus: Sustainable Construction • Smart Infrastructure • Digitalization

80+ members: construction companies, tech providers, universities, social partners

Member of:

Romanian Cluster Association

European Digital Innovation Hub – Walachia eHUb

AEC Eurocluster

Silver Label (ESCA) awarded in only 4 years – excellence in governance & impact



WHAT WE OFFER

Sector expertise: construction, innovation, digitalization, policy influence, innovation, urban technologies

Access to innovative SMEs & tech providers

EU funded experience in:

- green and digital support for SMEs (AEC EUROCLUSTER)
- national skills strategy for construction (BUS4ROBOOST)
- digital transformation & AI for SMEs
- digital competencies in construction (ICONS)



WHAT WE SEEK:

Joint pilots in green construction & smart cities

Training & upskilling for digital and sustainable skills

B2B & C2C matchmaking

Long-term partnerships for mutual growth & impact

“WE BUILD INNOVATION”

Pitching Session – CleanTech, Smart Infrastructure, Digital, Industrial Innovation

Hazal Coşkun

Secretary General

ENSIA –

Energy Industrialists and Business Association

Key Areas of Expertise:

Clean Energy and Clean Technologies Value Chain in Türkiye

- *Climate Action, Sustainable Development*
- *Renewable Energy*
- *European Union funds*
- *Project Cycle Management*
- *National and International Organisations*
- *Coordination of industry relations*

Looking For:

- Project Partnerships
- Sectoral Bilateral Meetings/Matchmaking Organisations
- Increase the trade relations or project partnerships of member companies

Thank you..

Hazal Coşkun

Secretary General of ENSİA

Mobile: +90 554 897 86 14

E-mail: genelsekreter@ensia.org.tr

EU-UAE Matchmaking Event 2025

Tony Kez Vice President International Business Development

Introduction ArchEnerg International Innovative Cluster for Renewable Energy and Building Trade

- Since 2007
- Headquartered in Hungary with active members across Europe and Asia
- 80 companies in the cluster

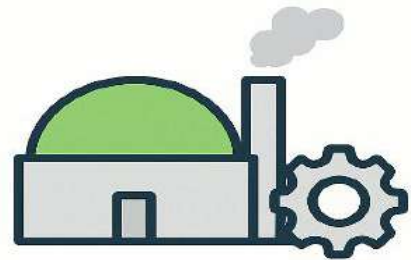
Core Expertise:

- Promotes sustainable technologies and cross-border cooperation
- Supports SMEs in accessing EU tenders, innovation, and green transition
- Member of multiple EU and international energy networks
- Recognized by the European Cluster Collaboration Platform (ECCP)



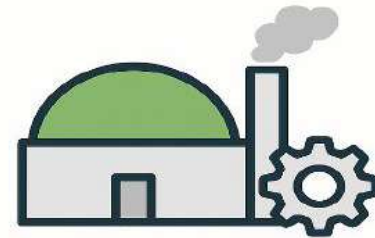
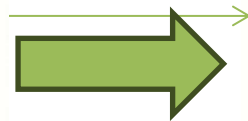
Bringing Renewable Energy to the Market

Small Biogas Plants



128,000
kWh/year

- ~ 15 kW avg.
- 2-3 tons/day
- Ideal for Small farms



512,000
kWh/year

- a 58 kW avg.
- 11-12 tons/day
- Ideal for Large farms

Aligns with Government Policies & Strategies

- Law No. (18) of 2024 Regulating Waste Management in the Emirate of Dubai
- Emirate of Dubai and Circular Economy Policy 2021-2031 and the Food Security Strategy
- Circular Economy and a zero-waste-to-landfill target

\$\$\$ Produces a bio-fertilizer \$\$\$

What we are looking for:

- ***UAE Local Project Finance:*** We seek Private Investment Partners to fund the commercial rollout of our 3-to-12 ton/day biogas systems on UAE farms.
- ***Partner with local Agribusinesses*** (e.g. dairy or poultry farms) to deploy our zero-waste system that produces high-value bio-fertilizer
- ***Strategic UAE Investment Partner*** to co-finance a biogas project in a remote region of Uzbekistan.
- ***The project aligns with the UAE-Uzbekistan economic partnership*** in Green Energy and Food Security. Presently engaged with the Uzbekistan Energy Ministry
- ***Offer a potential platform for the UAE*** to export its Circular Economy expertise while supporting a green infrastructure in Central Asia.





**ECCP
MATCHMAKING
EVENTS** ★

Contact:

Tony Kez

Vice President International Business Development

Tel: +1 514 932 5188 (WhatsApp/Telegram)

+36 20 938 2009

Email: Tony@mmct.net

info@ArchEnerg.eu

www.ArchEnerg.eu , www.SustainableGreenSolutions.org



“Energy is the golden thread that connects economic growth, social equity, and environmental sustainability.”

— Ban Ki-moon

KB Proiectare și Consultanță SRL

Kiss Brigitta

KB Proiectare și Consultanță SRL

Let's build the future together!

KB Proiectare și Consultanță SRL

Who we are:

- Established in Romania, KB Proiectare și Consultanță SRL is a leading engineering and consultancy firm .
- Expertise: delivering high-quality design, project management, and technical consultancy services for construction, and industrial projects, mostly in field of energy efficiency in buildings (e.g. Nzeb Buildings design and build).
- Mission: providing innovative, efficient, and sustainable solutions to support our clients' strategic objectives.

Our Strengths:

- Experienced multidisciplinary team of engineers and consultants.
- Proven track record in complex projects across western Romania
- Commitment to quality, safety, and compliance with international standards.

Services We Provide:

- Engineering Design:** Civil, structural, mechanical, and electrical engineering solutions.
- Project Management & Consultancy:** End-to-end project support, feasibility studies, technical audits, energy audits,
- Sustainability & Innovation:** Energy-efficient designs, sustainable planning, and smart solutions.

Why Choose KB Proiectare și Consultanță SRL:

- Customized solutions tailored to client needs.
- Cost effective design
- Strong focus on timely delivery and cost efficiency.
- Flexible collaboration models for international partners.

Our Goals in UAE:

- Establish strategic partnerships with UAE-based developers, contractors, and government agencies.
- Offer our expertise in sustainable building projects, and industrial developments.
- Support UAE projects with European engineering standards, innovation, and project management excellence.

Potential Cooperation Models:

- Joint ventures for large projects.
- Consultancy and design outsourcing.
- Knowledge exchange and technical training programs.

KB Proiectare și Consultanță SRL

Email: kb@kbproiect.ro, office@kbproiect.ro

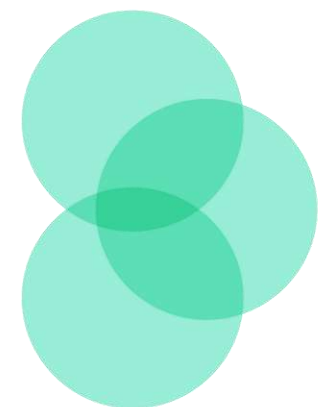
Phone: +40740144294

Website: www.kbproiect.ro

Let's build the future together.

Kristoffer Moldekleiv

Energy Transition Norway



Energy
Transition
Norway



Members and collaboration partners

The cluster has 150 members and partners in the following categories:

- 1) Established companies
- 2) Entrepreneurs
- 3) Authorities
- 4) Financing
- 5) R&D



Competence transfer
from oil and gas

Technologies

- Hydrogen
- CCUS
- Battery
- Solar power
- Offshore wind
- Wave energy
- Geothermal energy
- Hybrid solutions

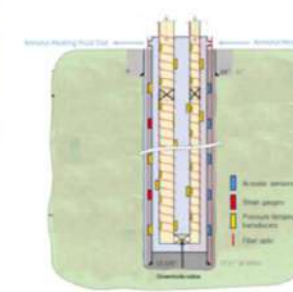




Technical Committee

This model minimizes market risk by involving end users in project endorsement and funding, ensuring alignment with industry needs.

We currently have 22 ongoing innovation projects in our portfolio.





Energy
Transition
Norway

*We bring world leading technologies and competence together
to accelerate the energy transition*

Kristoffer Moldekleiv
Energy Transition Norway
kristoffer.w.moldekleiv@energycluster.no
+47 928 88 232

Thank You!

Visit the ECCP website
and follow us on social media



www.clustercollaboration.eu



@Clusters_EU



European Cluster Collaboration Platform



European Cluster Collaboration Platform - ECCP

#ECCP

#ECCPMatchmaking

