



Mastering Energy Supply focusing on Isolated Areas (MESfIA) project-Welcome Remarks.

Tsikalakis Antonis
MESfIA Project co-ordinator

Co-funded by the
Erasmus+ Programme
of the European Union



Summary Data of the project



- Within Erasmus+
- Europe-Asia co-operation
- Cooperation for Innovation and the exchange of good practices –KA2-
Capacity Building in the field of Higher Education
- **Budget: 951,297€**
- **Duration 3 years (extended to 3.5 years)**
- 5 Phases: Preparation, Development, Quality Plan, Dissemination, Management structured in 7 Work Packages...

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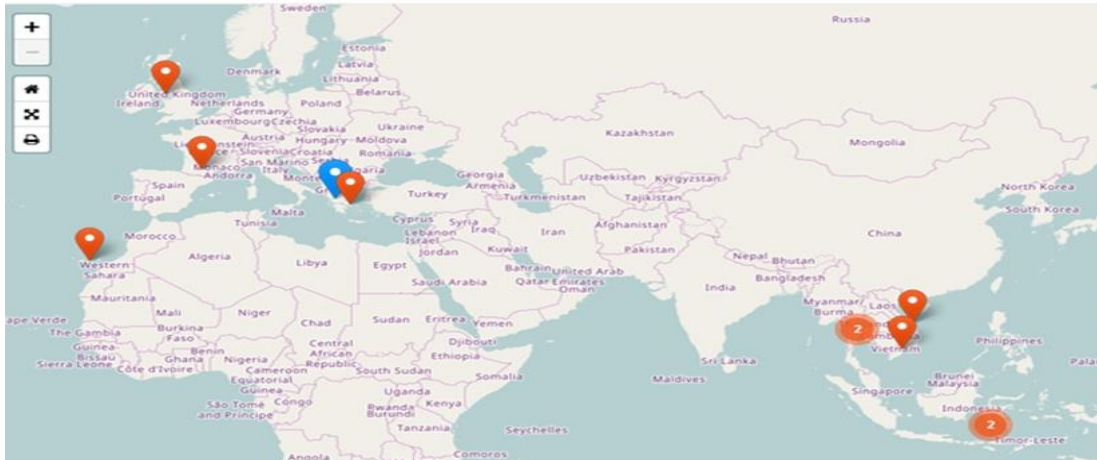




Partners of the project



PROJECT COORDINATOR AND PARTNERS MAP



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Partners of the project



Partner	Name		Country
1	Hellenic Mediterranean University	HMU	Greece
2	Paul Sabatier - Universite Toulouse III	UPS	France
3	Eurotraining Educational Organisation	EUROT	Greece
4	Canary Wharf	CWC	UK
5	Canary Islands Institute of Technology	ITC	Spain
6	Asian Institute of Technology	AIT	Thailand
7	Naresuan University, Engineering department	NU	Thailand
8	NONG LAM UNIVERSITY HOCHIMINH CITY	NLU	Vietnam
9	University of Technology and Education-UNIVERSITY OF DANANG	UD	Vietnam
10	Institute of Technology of Bandung	ITB	Indonesia
11	Universitas Gadjah-Mada	UGM	Indonesia

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Provide high quality **postgraduate** education on energy supply systems for engineers and graduates from science departments, aiming to have activity or to be employed in projects in countries with many **isolated** areas and **insular** systems

Target groups

- Engineers/scientists at Post-Graduate level residing in countries with island or low electrification rate.
- Higher Education Institutions willing to undertake similar actions

• Physical islands



- Large Island Power Networks
- Medium Power Systems
- Small Power Systems
- Very Small Island Power Systems



• Isolated Areas (not only Physical Islands)

• Resilient Power Systems-Temporarily Isolated areas





Expected Outputs



- Realizing the **difficulties** in Isolated Environments and the associated peculiarities with energy management on such systems
- Training of Engineers at Post Graduate Level so that they can cope with the aforementioned peculiarities and become ready for applying intelligent solutions to energy supply of isolated areas. Some of these solutions could be applied in stronger power systems as well
- **Establishing EU-Asia co-operation** at regional level-island regions-common problems require common solutions and the young generation of scientists and engineers should be aware of the potential solutions.
- Transform existing MSc programs to targeted MSc programs for isolated areas
- Establishing legal recognized MSc titles so that the students can take advantage of participation in applying for jobs in regions with relatively low electrification level and many islands.
- By the end of the project, graduates from the adapted MSc or new MSc programs in the Partner Countries (S.E. Asia) should be able to **claim their expertise** on improving energy supply conditions in isolated areas



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This workshop...



- Will bring together delegates from Europe and South East Asia.
- Will help students from South East Asia attending this workshop to comprehend the operational challenges of Isolated Power Systems
- We will discuss on the common benefits from the Co-operation among our partners with specific paradigms
- We Will focus more on the local dimension of Energy Storage and Energy Saving.
- Members of the consortium will share their research interest for the Utilities.



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Common Problems-Require common actions



CRETE



Kamojan, West Java



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Thank you!

Mesfia.eu- info@mesfia.eu- www.facebook.com/mesfia

