

Mastering Energy Supply focusing on Isolated Areas (MESfIA)

Erasmus + Capacity Building for Higher Education CBHE projects - 598716-EPP-1-2018-1-EL-EPPKA2-CBHE-JP

Workshop Report

Held in Hybrid Mode (in-person and via zoom platform)

April 7th, 2022



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Document Information

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Abstract:	This document presents the main points of the activities of the Hybrid Train for Trainers (TfT) and workshop held in Toulouse

Document History

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Scope of the Document

The main objectives of the document are to describe the activities within the frame of Train for Trainers and Workshop organized in hybrid mode in Toulouse by UPS partner.

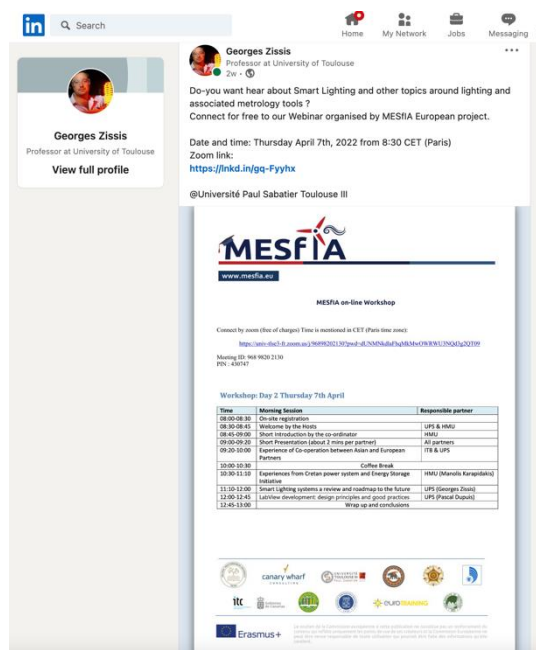
The seminar has been held in the conferences room of LAPLACE (UMR 5213, CNRS-INPT-UPS), building 3R2 in Toulouse 3 – Paul Sabatier University campus in Toulouse France.

The seminar was also retransmitted in real-time via Zoom platform of Toulouse 3 University. The main presentations have been recorded and will be added to the MESfIA Youtube channel.

Agenda – Thursday, April 7th, 2022 from 8:00 to 13:00 CET

The agenda of the workshop is shown in the following table

Time	Morning Session	Responsible partner
08:00-08:30	On-site registration	
08:30-08:45	Welcome by the Hosts	UPS & HMU
08:45-09:00	Short Introduction by the co-ordinator	HMU
09:00-09:20	Short Presentation (about 2 mins per partner)	All partners
09:20-10:00	Experience of Co-operation between Asian and European Partners	ITB & UPS
10:00-10:30	Coffee Break	
10:30-11:10	Experiences from Cretan power system and Energy Storage Initiative	HMU (Manolis Karapidakis)
11:10-12:00	Smart Lighting systems a review and roadmap to the future	UPS (Georges Zissis)
12:00-12:45	LabView development: design principles and good practices	UPS (Pascal Dupuis)
12:45-13:00	Wrap up and conclusions	



Advertisement and participation

The workshop was advertised, beyond the consortium members, via a press release broadcasted via LinkedIn

(https://www.linkedin.com/posts/georges-zissis-9b88887_mesfia-workshop-program-activity-6917501729089474561-rBit?utm_source=linkedin_share&utm_medium=member_desktop_web)

5 people from Laboratoire plasma et conversion d'énergie (Laplace) viewed your post

Université Paul Sabatier Toulouse5 III	5
IEEE	3
Schneider Electric	3
SEVEN, The Energy Efficiency Center	1
National Technical University of Athens	2
UTBM	2
CSTB	2

46 people who have the title University Professor viewed your post

Engineer	32
Salesperson	25
Project Manager	20
Executive Director	19
Research Fellow	19
Student	17
Laboratory Scientist	9
Founder	9

86 people viewed your post from Greater Toulouse Metropolitan Area

Greater Paris Metropolitan Region	44
Greater Lyon Area	14
Greater Strasbourg Metropolitan Area	7
Greater Bordeaux Metropolitan Area	7
Greater Marseille Metropolitan Area	5
Greater Pavia Metropolitan Area	5
Greater Grenoble Metropolitan Area	4

The post relayed by UPS official LinkedIn page, has been viewed 644 times. The following list give some statistics of the hits (and at least 12 “likes”):

Moreover, the participants of Thailand Workshop (2 days before) were informed on this activity and e-mails were sent to European colleagues to inform them on the Workshop a few days before. Within the day, a post on the Workshop activities was made in the Facebook reaching 127 people with 3 reactions.

Participants

Globally 35 people followed the workshop: 13 in in-person mode from 4 organizations of the Project (ITC,Eurotraining,HMU and UPS) (sing-up list attached in annex) and 22 via zoom platform (not possible to collect the participant’s names, but screen shots illustrate the participation). There are some photos and screen shots from the workshop:

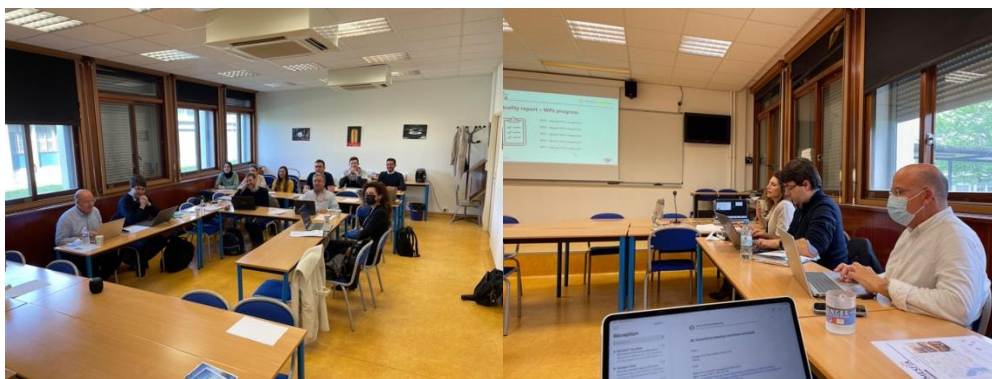


Figure 1 Inside the room participants

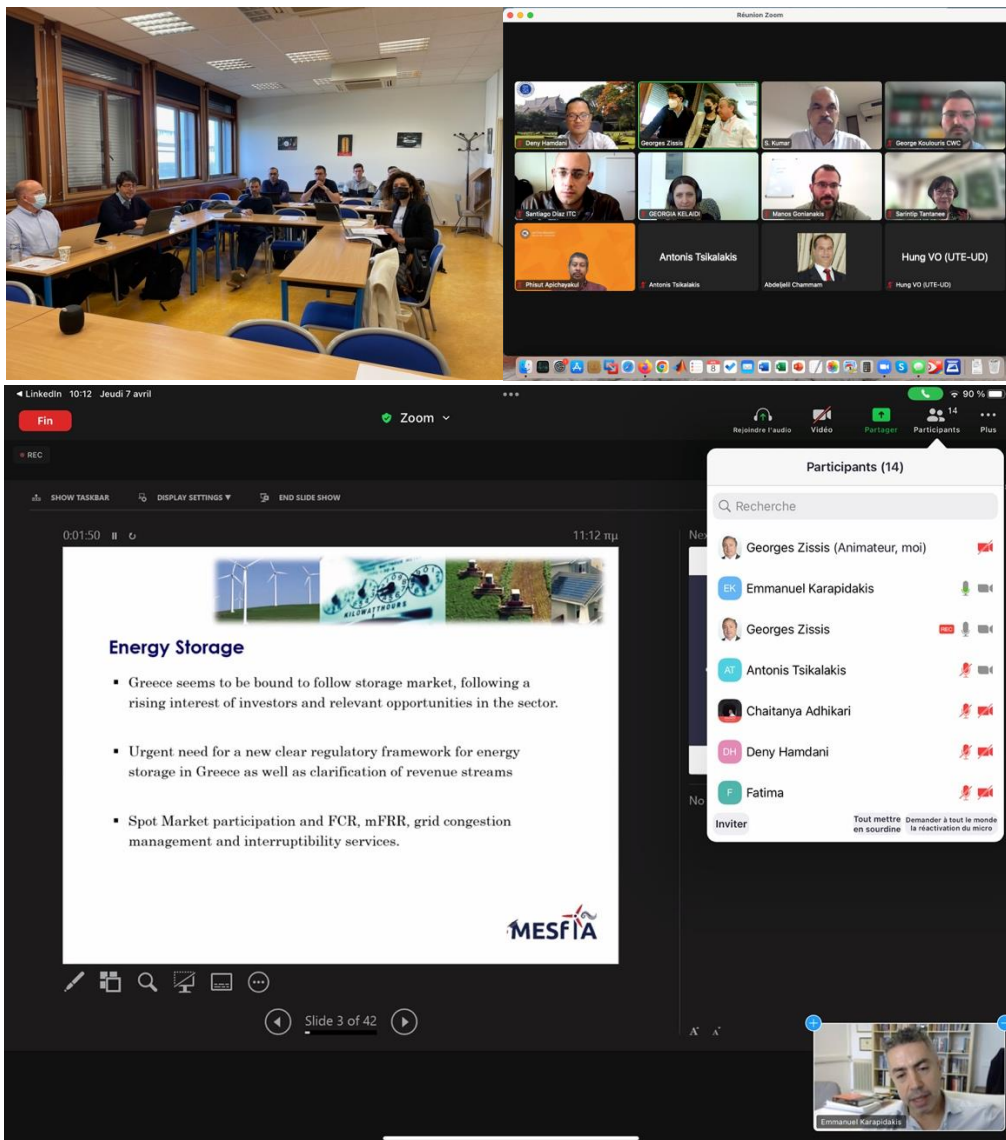
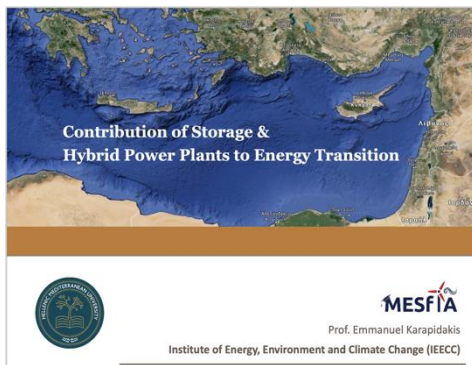


Figure 2 Screen shot from the presentation of Prof.Karapidakis.

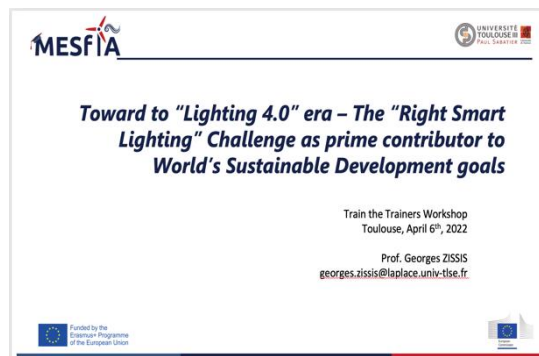
Some insight from the 3 main presentations



In this 45-minutes talk (in remote mode), Prof. Emmanuel Karapidakis from the Institute of Energy, Environment and Climate Change (IEECC), Greece exposed facts about Clean Energy and Energy Storage for Crete Island in Greece. Besides technology issues and innovations, he discussed among others how public policies push forward the full process. He illustrated that with the concrete example of the ambitious plan from Greek government to switch to cleaner energy hoping to generate investment worth about €44 billion over the next decade. Further, he

developed various scenarios for including large scale energy storage and renewable energies for Crete Island.

Prof. Georges Zisis from Toulouse 3 University presented a 1h talk on how smart-lighting can be used for performing important energy savings in both connected and isolated areas. He explained what are the challenges in this domain and what are the impacts to local, national and world economy, as well as to energy, environment/biotope without neglecting the relations with human well-being, health and security. He introduced the “SSL²” concept for Affordable and Sustainable Smart Lighting (SSL), consisting on smart use of the best available technology (eg. Solid State Lighting – SSL) for responding of humanity’s present needs without compromising the ability of future generations to innovate.



Finally, Dr. Pascal Dupuis from LAPLACE laboratory presented in 45 minutes, a more specialized subject on the implementation and use of LabViewTM software that is becoming today a standard for driving experiments and ensure data acquisition. He explained what are the strong points of this platform and when it can be used. He illustrated with concrete examples and a demonstration the capacities of the software. This type of software is often used in research labs, R&D in industry and, at least, in Europe and USA is adopted from teachers for student’s advanced labs. Training students in this software is rather crucial.

As the co-ordinator stated in his introduction and conclusions common problems require common solutions.

All slides are available via the MESfIA web page and the presentations are recorded to be made available via MESfIA web channel.

As an Outcome...

Three Trainers from European Research Institutes provided three 45-minutes modules as part of Training the Trainers activities. The session has been followed by trainers as well as Master and PhD students. The discussions were rich and several questions have been asked. Further, Asian partners requested Dr Pascal DUPUIS to prepare an additional webinar for them and help them for implementing LabView in their institutions.

The hybrid format of the workshop via Zoom allowed partners from Europe to meet in-person and interact in real time with Asian partners but also with non-consortium participants from Tunisia, Saudi Arabia, Morocco and other locations.

Annex -List of Participants

On site participation

Name	Organization
Mustapha EL HALAOUI	UPS-Laplace
Georges ZISSIS	UPS-Laplace
Antonis TSIKALAKIS	HMU
Dimitrios KYRGINAS	UPS-Laplace
Pouk LUE	UPS-Laplace
Pascal DUPUIS	UPS-Laplace
Marina ZOTAKI	Eurotraining
Yassine DAHBI	UPS-Laplace
Kevin BERTIN	UPS-Laplace
Hanene SASSI	UPS-Laplace
Zribi AMANI	UPS-Laplace
Somain Tlusaim	UPS-Laplace
Salvador SUAREZ	ITC