

LESVOS CLEAN AND JUST ENERGY TRANSITION WEEK

FULL PROGRAM

16th – 19th September 2024, Lesvos, Greece

CONFERENCE “CLEAN AND JUST ENERGY TRANSITION OF LESVOS”

The event aims to highlight the challenges, potential, and opportunities for Lesvos to achieve a very high penetration of Renewable Energy Sources (RES) in energy production by leveraging its potential in geothermal, biomass, wind, and solar energy. The first session will take place in Mytilene and will cover a wide range of issues related to the island’s energy transition, while the second session will be held in Polichnitos and will be dedicated to geothermal energy.

MONDAY 16TH SEPTEMBER

«Clean and Fair Energy Transition for Lesvos – A 100% Renewable Energy-Based System is achievable»

Location: ‘IOANNIS PAVLAKELLIS’ Conference Hall of the Lesvos Chamber of Commerce, 71 P. Kountouriotoi, Mytilene

CO-ORGANISED BY:



17.30 – 18.00

Greetings

Konstantinos Aronis | Deputy Regional Governor of Lesvos

Panagiotis Christofas | Mayor of Mytilene

Taxiarchis Verros | Mayor of Western Lesvos

18.00 – 18.30

Introductory presentations

Lesvos Energy Transition Agreement

Kostas Komninos | General Director, DAFNI

Energy Transition Initiatives of the Municipality of Mytilene

Zoi Anatoliti | Head of Planning Department, Municipality of Mytilene

Energy Transition Initiatives of the Municipality of Western Lesvos

Dimitris Mantzaris | Head of Planning Department, Municipality of Western Lesvos

18.30 – 20.00

Presentations of stakeholders

Islands’ energy transition in the updated NECP

Thanos Zarogiannis | Advisor to the Deputy Minister of Environment & Energy, Ministry of Environment & Energy

Regulatory Framework for the Energy Transition of Non-Interconnected Islands

RAEWW Representative

Management of the NDN Electricity Systems: the Lesvos Electric System

Argyro Magganioti | Sub-Director of Production Management, Islands Network Operation Department of HEDNO

Design of Lesvos' Interconnection with the Mainland Electrical System

Michalis Chatzipanos | Director of New Transmission Projects, IPTO

Operation of Wind Farms and the Prospects of Utilizing Geothermal Energy in Lesvos

Evangelos Spyridonos | Project Manager of Geothermal Projects, PPC Renewables

Hybrid RES Station in the Antissa-Eressos Area

Ioannis Kassanos | Project Manager, MORE

Energy Utilisation of Biowaste in Lesvos

Stergios Vakalis | Associate Professor, University of the Aegean

20.00 – 21.00

Roundtable discussion

Introductory Presentation: Proposals to Enhance RES Penetration in Non-Interconnected Islands

Petros Markopoulos | Head of Clean Energy and Sustainable Transport Department, DAFNI

Participants include representatives from: Ministry of Energy and Environment | IPTO | HEDNO | PPC Renewables | MORE | University of the Aegean

TUESDAY 17TH SEPTEMBER

«Exploiting Geothermal Energy for the Energy Transition and Security of European Islands – The Case of Lesvos»

Location: Polikentro Polichnitos

CO-ORGANISED BY:



09.30 – 09.45

Greetings

Taxiarchis Verros | Mayor of Western Lesvos

09.45 – 10.15

Introduction

Flashback of actions for the utilisation of RES in Lesvos

Yiannis Tsakiris | Special Advisor to the Mayor of Western Lesvos on geothermal issues

Exploitation of European funding for the development of geothermal clean energy projects in Lesvos

Kostas Komninos | General Director, DAFNI

10.15 – 11.00

Exploiting geothermal energy on a global scale *(via videoconference - in english)*

The global geothermal energy perspectives for islands

Marit Brommer | General Manager, International Geothermal Association

Geothermal energy to enable EU's decarbonisation

[Giulia Cittadini](#) | Policy Advisor, European Geothermal Energy Council

Geothermal energy in Iceland

[Helen Osk Haraldsdottir](#) | Project Manager in R&D, ON Power

Geothermal energy on Italian islands

[Franco Italiano](#) | Partner and Co-founder, Athanor-Geotech

11.00 – 12.30

Exploiting geothermal energy in Greece and Lesvos

Session 1: The benefits and challenges of geothermal energy (45')

Geothermal Research and Exploitation in Greece – Institutional Issues and Challenges

[Georgios Tsifoutidis](#) | Directorate for Policies & Development of the General Directorate of Mineral Raw Materials, Ministry of Environment and Energy

Monitoring of the geothermal fields of Greece within the framework of the rational exploitation and management of their potential

[Apostolis Arvanitis](#) | Head of the Geothermal Department, Hellenic Survey of Geology & Mineral Exploration (HSGME)

Geothermal energy for the development of thermal tourism in Lesvos

[Thodoris Kouskos](#) | CEO, TKC L.C.

Session 2: Geothermal energy exploitation projects in Lesvos (45')

Utilisation of the Stypsi Geothermal Field

[Evangelos Spyridonos](#) | Project Manager of Geothermal Projects, PPC Renewables

Results of the Study on the Utilisation of the Polichnitos Geothermal Field

[Michalis Vrachopoulos](#) | Professor, National and Kapodistrian University of Athens

12.30 – 13.30

Snacks and Refreshments

WORKSHOP: FINANCING MECHANISMS FOR ISLANDS' DECARBONISATION PROJECTS WITH A FOCUS ON SHARED OWNERSHIP SCHEMES

The focus of the experiential workshop is to highlight the specificities of collective investments in both renewable energy production and energy efficiency projects. On the second day, there will be visits of a scientific, technical, and cultural nature to various locations on the island. The workshop is open to the public after filling out a participation form.

WEDNESDAY 18TH SEPTEMBER

«Educational activities of a participatory and experiential nature»

Location: Conference Room of the Lesvos Chamber of Commerce, P. Kountouriotoi 71, Mytilene

CO-ORGANISED BY:



09.00 – 09.05 **Welcome**

09.05 – 09.15 **Opening remarks**

Edita Dranseikaite | Policy Officer, DG ENER, European Commission

09.15 – 09.20 **Workshop agenda setting**

Martina Cannata | Project Manager, Secretariat of the Clean Energy for EU Islands Initiative

SESSION 1: TRAINING AND KNOWLEDGE SHARING

09.20 – 09.45 **Why shared ownership matters?**

Kostas Komninos | General Director, DAFNI

09.45 – 10.15 **Financing clean energy transition projects**

RdA

10.15 – 11.00 **Legislative framework for collective and shared ownership energy actions and investments**

Coordinator: Petros Markopoulos | Secretariat of the Clean Energy for EU Islands Initiative, DAFNI

EU Policy on Energy Communities

Edita Dranseikaite | Policy Officer, DG ENER, European Commission

Lessons learnt from Energy Community Legislation in Greece

Dimitris Kitsikopoulos | ELECTRA ENERGY

Other Funding Mechanisms for Communities

Jorge Rodrigues de Almeida | Secretariat of the Clean Energy for EU Islands Initiative, RdA

11.00 – 11.15 **Coffee break**

11.15 – 11.45 **Establishing an Energy Community – A step-by-step procedure**

Coordinator: Petros Markopoulos | Secretariat of the Clean Energy for EU Islands Initiative, DAFNI

How to Create a Sustainable Energy Community: Lessons from Greece

Dimitris Kitsikopoulos | ELECTRA ENERGY

The “Roadmap” of the ISLET Project for Establishing Energy Communities on EU Islands
Konstantinos Karanasios | DAFNI

11.45 – 12.15 **Examples of Energy Communities – Actions to Address Energy Poverty**

Introduction: Energy Poverty Advisory Hub – Taking Collective Action to Mitigate Energy Poverty

Petros Markopoulos | DAFNI

Alice Corovessi | WEnCoop (TBC)

Taking the First Step: Documenting Energy Poverty among Vulnerable Households in the Municipality of Mytilene and Taking Actions to Alleviate It

Evi Ouzounoglou | Iliaktida AMKE

The Case of Porto Energy Hub – via Video Conference

Rui Pimenta | CEO, Energy Agency of Porto (AdEPorto)

12.15 – 13.00 **Examples of Energy Communities – Renewable Energy Production**

Coordinator: Ismini Moustafelou | DAFNI

Dimitris Katsaprakakis | Minoa Energy Community

Vassilis Filippou | Karditsa Energy Community (ESEK)

Panos Kotsampopoulos | Collective Energy

Hans Bjerregaard | SUSTENANCE EU project, Bjerregaard Consulting

13.00 – 13.45 **Lunch break**

SESSION 2: PARTICIPATORY AND EXPERIENTIAL WORK

13.45 – 14.45 **Samsø’s Experience of Energy Transition**

Through interactive exercises, we will present ways to develop a vision and align it with the urgent nature of local development. We will focus on creating a sense of co-ownership that fosters participation and engagement.

14.45 – 15.30 **Implementation of Decarbonisation Projects on Islands – Role-Playing Game**

Participants will simulate alternative scenarios for implementing decarbonisation projects on a fictional island.

15.30 – 16.30 **Create Your Own Energy Community**

In separate groups, representatives from each island, with the assistance of experts, will prepare an action plan for establishing an energy community on their island.

16.30 – 17.00 **Present Your Own Energy Community**

A representative from each group from the previous session will present the results of their work.

17.00 **Conclusions and Final remarks**

Edita Dranseikaite | Policy Officer, DG ENER, European Commission

Kostas Komninos | General Director, DAFNI

THURSDAY 19TH SEPTEMBER «Field Trip»

For a limited number of participants, specifically those attending the workshop on Wednesday, 18/9, a tour will be organised to locations related to the energy transition of Lesvos (e.g., autonomous thermal station, wind farm, geothermal fields, etc.).