



RE-EMPOWERED
Renewable Energy EMPOWERing
European & InDIan Communities

EXPLOITATION II -REPLICATION WORKSHOP

4 December 2024 | 11.00 - 13.00 - EET(Greece)

[MICROSOFT MEETING LINK](#)

Goal of the workshop

Presentations on the commercialisation and exploitation opportunities of the developed ecotools. Also, the cost benefit analysis will be presented. To gather feedback and suggestions from relevant project stakeholders and other project partners.

AGENDA

11.00 - 11.05 EET 14.30 - 14.35 IST	Welcome (5 min) Bikash Pal Imperial College London, ICL	Moderated by Sai Pavan Polisetty , ICL
11.05 - 11.10 EET 14.35 - 14.40 IST	Introduction to Re-EMPOWERED (5 min) Panos Kotsampopoulos ICCS-NTUA	Moderated by Sai Pavan Polisetty , ICL
11.10 - 12.00 EET 14.40 - 15.30 IST	Presentation of ecoTools (50min) ecoPlatform - Aysegül Kahraman , DTU ecoMG - Nasos Vasilakis , ICCS-NTUA ecoEMS - George Milionis , ICCS-NTUA ecoPlanning - George Milionis , ICCS-NTUA ecoDR - Santu Giri , CSIR-CMERI ecoResilience - Murugan Thangadurai , CSIR-CMERI ecoCommunity	Moderated by Sai Pavan Polisetty , ICL
12.00 - 12.10 EET 15.30 - 15.40 IST	Business model analysis of ecoTool set (10min) ecoCommunity - Jesus Rubio Conde ecoEMS - Jesus Rubio Conde	Moderated by Sai Pavan Polisetty , ICL
12.10 - 12.35 EET 15.40 - 16.05 IST	Replicability Session: potential synergy with other island projects (25min) Claire Helly CPMR Gianni Chianetta Greening the Islands Foundation	Moderated by Ismini Moustafelou , DAFNI
12.35 - 12.55 EET 16.05 - 16.25 IST	Panel discussion and feedback (20min) Konstantinos Kyparissis , Panagiota Statha PPC Claire Helly CPMR Gianni Chianetta Greening the Islands Foundation	Moderated by Ismini Moustafelou , DAFNI
12.55 - 13.00 EET 16.25 - 16.30 IST	Conclusion (5min)	Moderated by Panos Kotsampopoulos , ICCS-NTUA

RE-EMPOWERED

RE-EMPOWERED developed a set of solutions (ecoToolset) for efficient, decarbonised and RES-intensive multi-energy local energy systems. Special focus was given on exploiting synergies among energy vectors, increasing demand flexibility through customer engagement using digitization that foster an active energy community via sustainable business plans and investments. The solutions of the toolset were tailored to the specific needs of four pilot cases in the EU and India but also aimed at a wide target group for replication and exploitation in both the developed and developing world. The project started in July 2021 and will run until December 2024.

Specifically, 10 innovative tools have been developed and demonstrated in the demo-sites, that include energy management systems, smart phone application, interoperable ICT tool, smart meter, power electronic converters, resilient mechanical structures etc.

The project had a big impact on improving the living conditions of more than 2000 people in India, through the creation of advanced off-grid microgrids. The active involvement of local people has also led to the formation of a cooperative society to operate and maintain the microgrid of Keonjhar, India.

