



MASTERING ENERGY SUPPLY FOCUSING ON ISOLATED AREAS

Prof Shobhakar Dhakal, Prof. Sivanappan Kumar & Dr Jai Govind Singh

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Introduction

Background — “Isolated Areas” are areas that are away from the national grid which makes it difficult to electrify them. These include geographical areas in the mountains, forests, islands, etc as well as standalone systems, including phone towers, etc.

Electricity Access — Electricity access in isolated areas can improve the quality of life of the residents by providing better healthcare services, income generation opportunities, education facilities and enabling access to ICT.

Objective — The project aims to provide high quality postgraduate education on energy supply systems for “isolated areas.”

Target Group — a. Engineers/scientists at Post-Graduate level residing in countries with islands or low electrification rate;
b. Higher Education Institutions willing to undertake similar action.

Duration — 3 years (Nov 2018 to Nov 2021)

Partners — 11 Partners across 7 countries

Coordinator — Hellenic Mediterranean University - formally TEIC (EU)
Asian Institute of Technology (Asia)

Total Budget — 951,297 EUR



Highlights

Outcome — Enhanced Master’s level academic program focused in ‘Isolated Areas’

Active Industry & Government Partnership — Working with electricity ministry/ department, renewable energy technology developer/supplier, non governmental organizations etc.

Social Impact — Improved standard of living, increased income, small scale industries, better health facilities, sustainable tourism, women empowerment, access to internet etc.

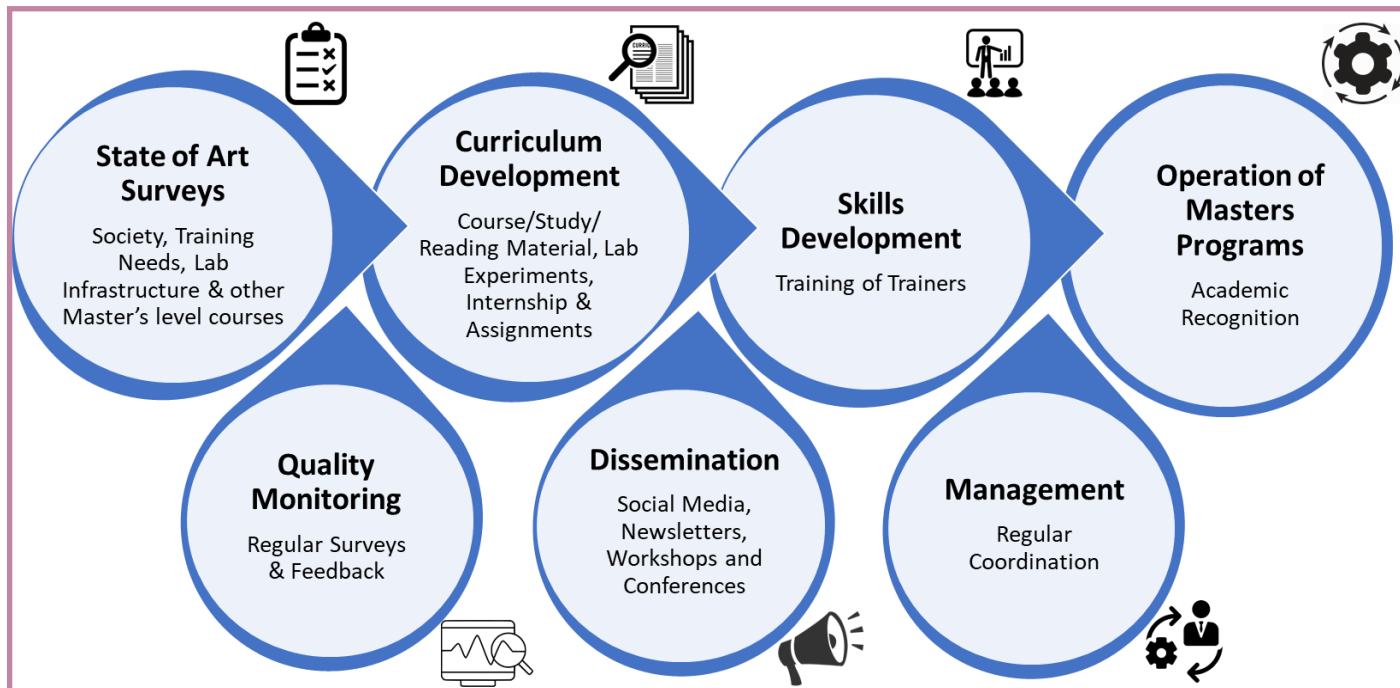
Selected topics covered - Isolated Area Energy Resources, Addressing Energy security in Isolated Areas, Micro Grid infrastructure design and maintenance, Financial evaluation of electricity access projects



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Methodology



Partners



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