INVITATION

Market Dialogue on Greening Humanitarian Responses Through Enhanced Solar Energy Harvesting

Tuesday, 13 Dec 2022

10:00 - 11:15 CET

We invite you to a webinar to engage on a project focused on designing and testing multi-purpose solar powered water schemes in humanitarian and development contexts.

REGISTER NOW!!

Aim: To bring together a diverse mix of stakeholders to discuss how the challenges of multipurpose solar water pumping schemes could be designed and tested.

Rather than constrain innovation to pre-set specifications, IOM's innovative solar approach, of which this webinar is a central component, looks to accelerate the innovation process itself and at the same time provide a research and market opportunity to implement those innovations.

In this webinar, you can expect to:

Better understand the energy needs of displaced populations and local communities.

Identify how the participating organizations' knowledge base/products/services could be of use to identify solutions in the frame of the project.

Connect with other stakeholders (wishing to be) active in the humanitarian and development energy sector and exchange on perceived risks and opportunities.

Have a platform to explore possible partnerships with other stakeholders within the scope of the project.

Provide direct inputs in the form of insights and ideas on how the solutions to the challenges should be designed in order to benefit all stakeholders.

Project Description:

Thousands of solar water schemes are installed each year in off-grid areas for increasing access to water to crisis affected populations and local communities. Water pumps, however, can only use a fraction of the energy provided by solar panels, leaving a sizeable amount of surplus solar energy unused, and therefore wasted.

This project offers an innovative approach to support the shift to cleaner and more cost-efficient energy solutions, making use of wasted power capacity at thousands of solar powered water schemes, and taking advantage of existing budgets, management models and field engineering expertise.

Being able to make use of the full power capacity at existing and future solar powered water schemes, would not only help to meet critical energy needs (charge phones, light communities, power businesses and others) but also help for better care of water schemes, minimize water waste, and bring more options for better social engineering and financial sustainability.

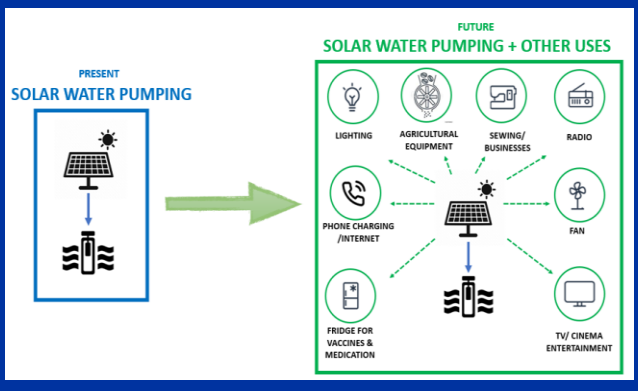

Figure 1. – Transition from single-use Solar Water Pumping Scheme to future multipurpose concept.

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