IRENA Resource Assessment 2021

Launching the IRENA Global Atlas for Renewable Energy – 4.0

18:30 - 20:00 (GST), 31 May 2021

Overview

Over the past few decades, renewable energy technologies have continued to improve, with advancements in resource assessment methodologies, development of cutting-edge technologies and pioneering policies, rapid cost declines, and innovative financing instruments. The increasing use worldwide of renewable energy systems has encouraged policy makers, financiers and project developers to lower the assessed risks in renewable project development processes.

As resource assessment continues to be a challenge, the extensive research in resource data and improved modelling approaches by research institutes and international organisations among others, have led to the development of better high-resolution resource data.

The IRENA Global Atlas for Renewable Energy (Global Atlas) is an initiative with the Multilateral Solar and Wind working group of the 2012 Clean Energy Ministerial. Global Atlas aims to make data and the expertise needed to evaluate renewable energy potential freely available to all and thereby increase renewables deployment. Global Atlas aims to make data and the expertise needed to evaluate renewable energy potential freely available to all and thereby increase renewables deployment. This initiative brought together more than 50 highly skilled international research institutions as partners and data contributors.

The Global Atlas continues to serve as a free online resource data repository and assessment platform covering all renewable energy resources. The platform assists policy makers and investors to search and identify renewable energy opportunities, and for the public to better understand the potential of renewable energy in any region or country.

IRENA continuously updates the Global Atlas with new functions and data. The platform release 4.0 enhances users' experience with 800 revised and updated renewable resource maps covering all technologies and complimented with supplementary data to enable effective mapping of energy potentials and identify advance renewable energy-sites. Users can download renewable resource data from selected datasets to overlay additional information, for example, protected areas, roads or transmission infrastructure for offline analysis.

Objectives

The webinar on 31st May 2021 will demonstrate how users can search for maps, overlay information of interest and download selected datasets for offline use. It will also demonstrate the platform's new and updated functions and how users can utilise the Global Alas to derive key information for

sustainable energy policy and decision-making. Distinguished panellists will provide their view on the topic and a Q&A session will follow.

Agenda

Time	Session
18:30 - 18:35 (GST)	**Welcome Remarks:** **Francesco La Camera**, Director-General, IRENA
18:35 – 19:40 (GST)	**Moderator:** **Rabia Ferroukhi**, Director, IRENA **Imen Gherboudj**, Programme Officer, IRENA on: - IRENA Global Atlas for renewable energy - 4.0 - Demonstration **Panel discussion:** - **Xabier Nicuesa Chacon**, Head of the Computing and Software development Service, National Renewable Energy Center (CENER) - **Kudakwashe Ndhlukula**, Executive Director at SADC Centre for Renewable Energy & Energy Efficiency (SACREEE) - **Ledauphin Matthieu**, Renewable Energy Market Senior Analyst, Enel Group - **Arnaud Baher**, Business Developer Africa, Vergnet Group - **Eugenio Trumpy,** Researcher**,** Institute of Geosciences and earth Resources of the National Research Council of Italy (IGG-CNR)
19:40 – 20:00 (GST)	**Q&A**