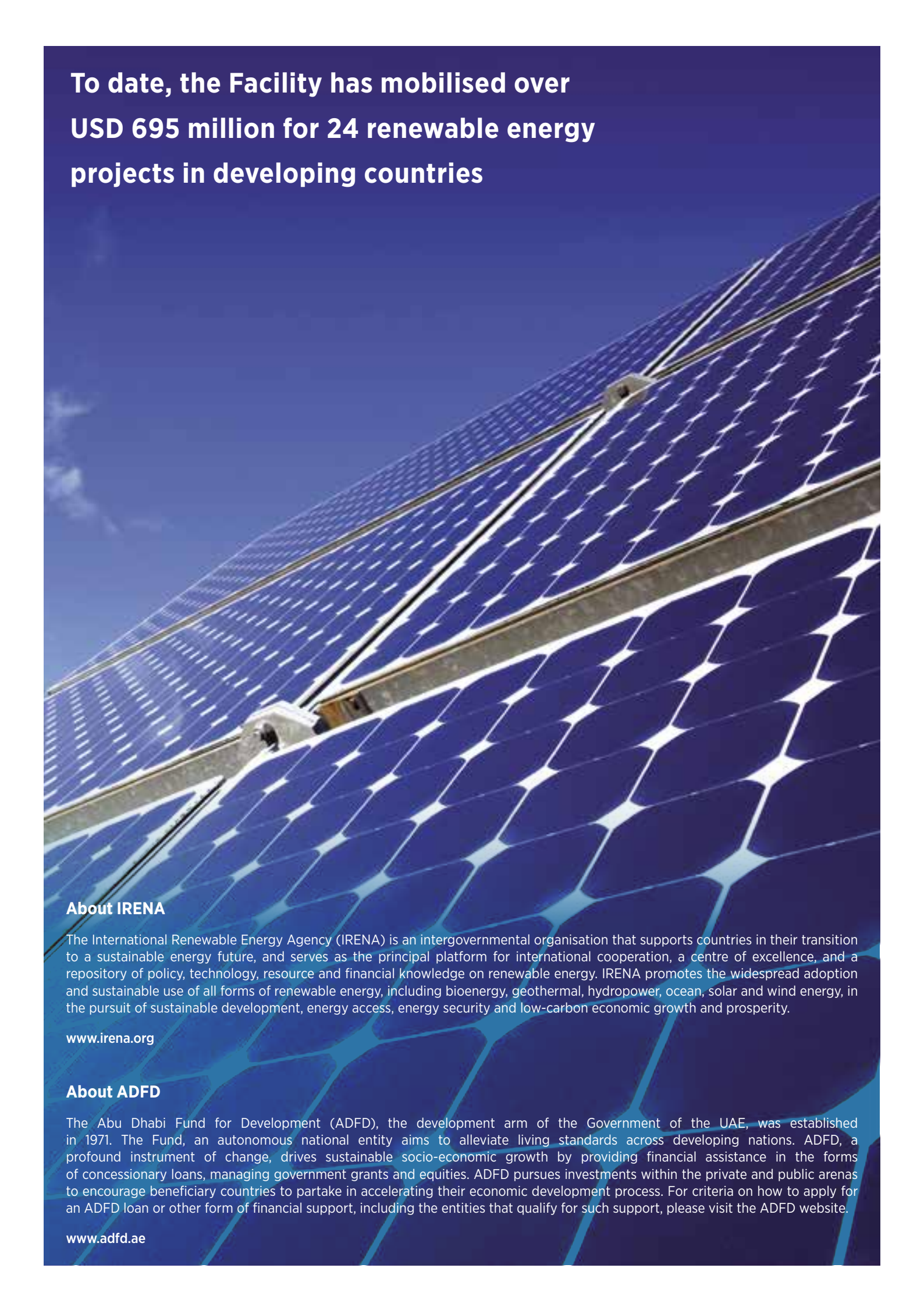


ACCESSIBLE FINANCE FOR RENEWABLE ENERGY IN DEVELOPING COUNTRIES





**To date, the Facility has mobilised over
USD 695 million for 24 renewable energy
projects in developing countries**

About IRENA

The International Renewable Energy Agency (IRENA) is an intergovernmental organisation that supports countries in their transition to a sustainable energy future, and serves as the principal platform for international cooperation, a centre of excellence, and a repository of policy, technology, resource and financial knowledge on renewable energy. IRENA promotes the widespread adoption and sustainable use of all forms of renewable energy, including bioenergy, geothermal, hydropower, ocean, solar and wind energy, in the pursuit of sustainable development, energy access, energy security and low-carbon economic growth and prosperity.

www.irena.org

About ADFD

The Abu Dhabi Fund for Development (ADFD), the development arm of the Government of the UAE, was established in 1971. The Fund, an autonomous national entity aims to alleviate living standards across developing nations. ADFD, a profound instrument of change, drives sustainable socio-economic growth by providing financial assistance in the forms of concessionary loans, managing government grants and equities. ADFD pursues investments within the private and public arenas to encourage beneficiary countries to partake in accelerating their economic development process. For criteria on how to apply for an ADFD loan or other form of financial support, including the entities that qualify for such support, please visit the ADFD website.

www.adfd.ae

THE IRENA/ADFD PROJECT FACILITY

The International Renewable Energy Agency (IRENA) and the Abu Dhabi Fund for Development (ADFD) have collaborated on a joint Project Facility to support replicable, scalable and potentially transformative renewable energy projects in developing countries. ADFD committed **USD 350 million** in concessional loans, over seven annual funding cycles, to renewable energy projects recommended by IRENA.

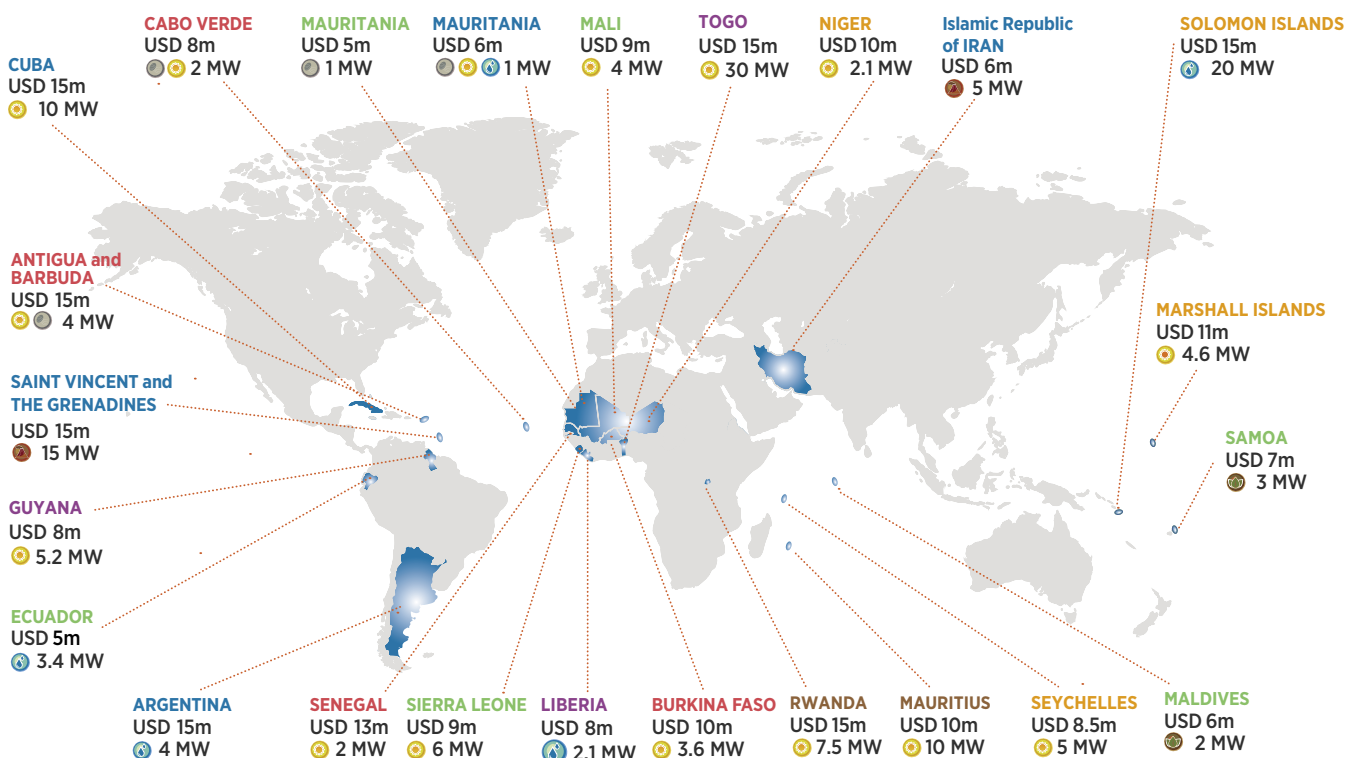
RESULTS

Since 2014, the Facility has implemented six funding cycles, resulting in the allocation of **USD 245 million** in ADFD loans to 24 projects. An additional **USD 450 million** in co-financing has been attracted to these projects from other funding sources, including governments, the private sector and other development funds.

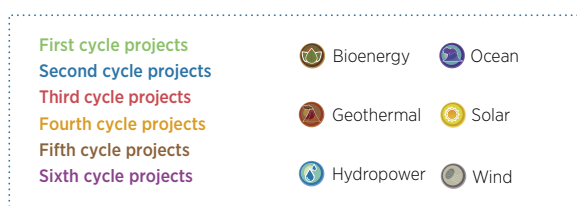
Over **150 megawatts (MW)** of new renewable energy capacity will be brought online as a result of the first six cycles, through a wide range of technologies. These include: grid-connected solar photovoltaic (PV), decentralized solar PV rooftop kits, solar home systems, hybrid wind and solar mini-grids, hydropower, geothermal and waste-to-energy.

The projects support national priorities to advance sustainable development through the deployment of renewable energy. More than **7.5 million people** will benefit through greater access and affordability of energy, job creation, environmental and health benefits and improved livelihoods.

PROJECTS SELECTED



Disclaimer: The information and data presented here is as provided by the applicants in their project proposals. Boundaries and names shown on this map do not imply any official endorsement or acceptance by IRENA.



Projects selected in the seventh cycle will be announced in January 2020

More than **7.5 million** people benefiting

Over **150 MW** renewable capacity

Thousands of jobs being created



A 30 MW solar plant in Togo will bring reliable power to more than 700,000 households and small businesses.

Photograph: Togolese Rural Electrification and Renewable Energy Agency (AT2ER)



Solar plants will bring sustainable electricity to 34,700 residents in Guyana's Hinterland region.

Photograph: Ministry of Public Infrastructure of Guyana.



A 5 MW solar PV farm will be integrated into an existing wind farm in the Seychelles, reducing reliance on imported fossil fuels.

Photograph: Seychelles Public Utilities Corporation

ADFD FUNDING

USD 50 million
per cycle

USD 5-15 million
in ADFD loans for each project, covering up to 50% of project costs

1-2% loan rates,
20-year loan period including 5-year grace period

ELIGIBILITY

Projects submitted for funding should be in a developing country and must involve renewable energy technologies. Applications can be submitted from government ministries, semi-governmental institutions or private organisations but must have the full support of the national government.

COUNTRY-LEVEL CRITERIA

- Projects must be submitted by Members of IRENA, Signatories of the Statute, or States in Accession which are developing countries on the OECD “DAC List of ODA Recipients”.
- Projects must be supported and prioritised by government and be able to obtain a sovereign government guarantee in the country of implementation.

TECHNOLOGY

- Projects deploy renewable energy as defined in the Statute of IRENA, including bioenergy, geothermal energy, hydropower, ocean energy, solar energy, and wind energy.

PROJECT STAGE

- Projects must be at feasibility-study and pre-implementation stage, i.e. prior to tendering, procurement and execution.

HOW IT WORKS

Applications are evaluated by an independent, international Panel of Experts, that shortlist projects based on technical feasibility, economic/financial viability and socio-economic and environmental benefits. The Advisory Committee, appointed by IRENA members, then assesses the projects to ensure alignment with national development priorities, geographic spread and diversity of technologies. ADFD makes the final selection of projects from IRENA's recommended list. After this, ADFD signs bi-lateral agreements with government officials for selected projects.

To be shortlisted, projects must be:

- transformative
- replicable
- scalable
- economically feasible

They must also:

- have a positive development impact
- improve energy access
- address energy security
- have government support



A mini hydropower plant in Liberia will create jobs and transform the livelihoods of 30,000 people.

Photograph: Rural and Renewable Energy Agency of Liberia.

EVALUATION CRITERIA

Applications	Evaluation by Experts (% weights)				Advisory Committee selection and recommendation
	Technical feasibility (40%)	Economic/ financial viability (30%)	Socio-economic & environmental impacts (30%)	Overall project characteristics	
EXECUTIVE PROJECT SUMMARY – applicants submit between November and mid-February each year	<ul style="list-style-type: none"> Objectives Design Management 	<ul style="list-style-type: none"> Project cost Revenue sources Business plan 	<ul style="list-style-type: none"> Social, economic & environmental benefits Stakeholder engagement 	<ul style="list-style-type: none"> Transformative Replicable/ scalable Innovative business model 	<ul style="list-style-type: none"> Geographic spread Diversity of technologies Alignment with government priorities
FULL PROJECT PROPOSAL including full feasibility study – shortlisted applicants submit early May to end June each year	<ul style="list-style-type: none"> Detailed project design and output Resource assessment Implementation plan and operational arrangements Technical risk mitigation measures Organisational and management capabilities Monitoring and evaluation 	<ul style="list-style-type: none"> Full economic/ financial model Co-finance agreements Economic/ financial risks and mitigation options 	<ul style="list-style-type: none"> Stakeholder engagement details Accessibility Affordability Job creation Energy security Environmental / health Other/ gender/ transformation/ replicability/ scalability/ innovation Risk mitigation 	<ul style="list-style-type: none"> Improve energy access Address energy security 	

ADFD FINAL DECISION

ADFD selects and approves projects from the IRENA recommended list in December each year.

HOW TO GET INVOLVED

As an Applicant: Applicants can register at the Project Facility website, which provides information about the opening of each cycle and how to apply. See the *Guidelines for Applicants* for further details. Summary project proposals are received between **mid-November** and **mid-February** of each year.

As an Expert: The Panel of Experts consists of technical specialists with experience in various renewable energy technologies, economic and financial evaluation of projects, and socio-economic and environmental impact assessments. A call for nominations of experts is circulated to stakeholders in advance of the opening of each cycle.

As a Co-funding Entity: ADFD loans cover up to half of a project's total cost, so the remaining finance must be leveraged from other sources. Upon request, IRENA will share details of shortlisted projects with government development agencies and donors as well as bilateral, multilateral and global funds that are interested in co-funding projects processed through the Facility.



Renewable energy brings socio-economic benefits to local communities

Photograph: Seychelles Public Utilities Corporation

Visit www.irena.org/adfd or e-mail adfd@irena.org for further information.

© IRENA and ADFD 2019

Unless otherwise stated, material in this publication may be freely used, shared, copied, reproduced, printed and/or stored, provided that appropriate acknowledgement is given of IRENA and ADFD as the joint sources and copyright holders. Material in this publication that is attributed to third parties may be subject to separate terms of use and restrictions, and appropriate permissions from these third parties may need to be secured before any use of such material.

Disclaimer

This publication and the material herein are provided “as is”. All reasonable precautions have been taken by IRENA and ADFD to verify the reliability of the material in this publication. However, neither IRENA, ADFD, nor any of their officials, agents, data or other third-party content providers provide a warranty of any kind, either expressed or implied, and they accept no responsibility or liability for any consequence of use of the publication or material herein.

The information contained herein does not necessarily represent the views of ADFD or the Members of IRENA. The mention of specific companies or certain projects or products does not imply that they are endorsed or recommended by IRENA or ADFD in preference to others of a similar nature that are not mentioned. The designations employed and the presentation of material herein do not imply the expression of any opinion on the part of IRENA and ADFD concerning the legal status of any region, country, territory, city or area or of its authorities, or concerning the delimitation of frontiers or boundaries.

ADFD herein states that it has no agent, representative, intermediary or any other sort of indirect representation acting on its behalf.

Photographs used are from Shutterstock unless otherwise indicated.

Front cover: First cycle solar PV mini-grid project in Mali that will provide electricity to 32 villages.
(Photograph: IRENA/S. Hinchliffe)



IRENA
International Renewable Energy Agency
Headquarters, Masdar City
P.O. Box 236, Abu Dhabi,
United Arab Emirates
www.irena.org



ADFD
King Abdullah bin Abdulaziz Street
P.O. Box 814, Abu Dhabi,
United Arab Emirates
www.adfd.ae