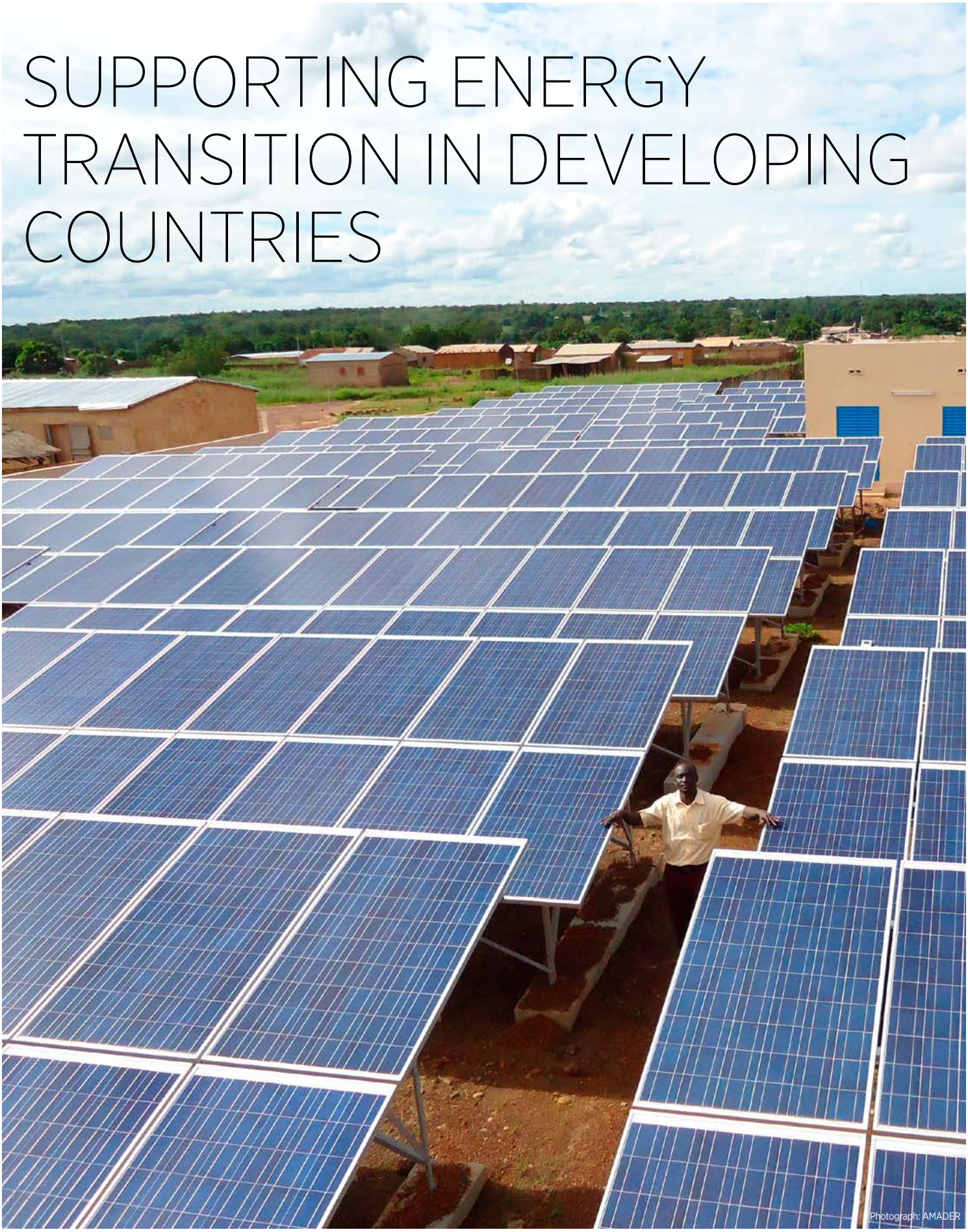
IRENA ADFD
PROJECT FACILITY

SUPPORTING ENERGY TRANSITION IN DEVELOPING COUNTRIES



The four projects in the latest funding cycle will bring 31.7 megawatts (MW) of renewable power online, helping to extend modern energy access and address sustainable development goals

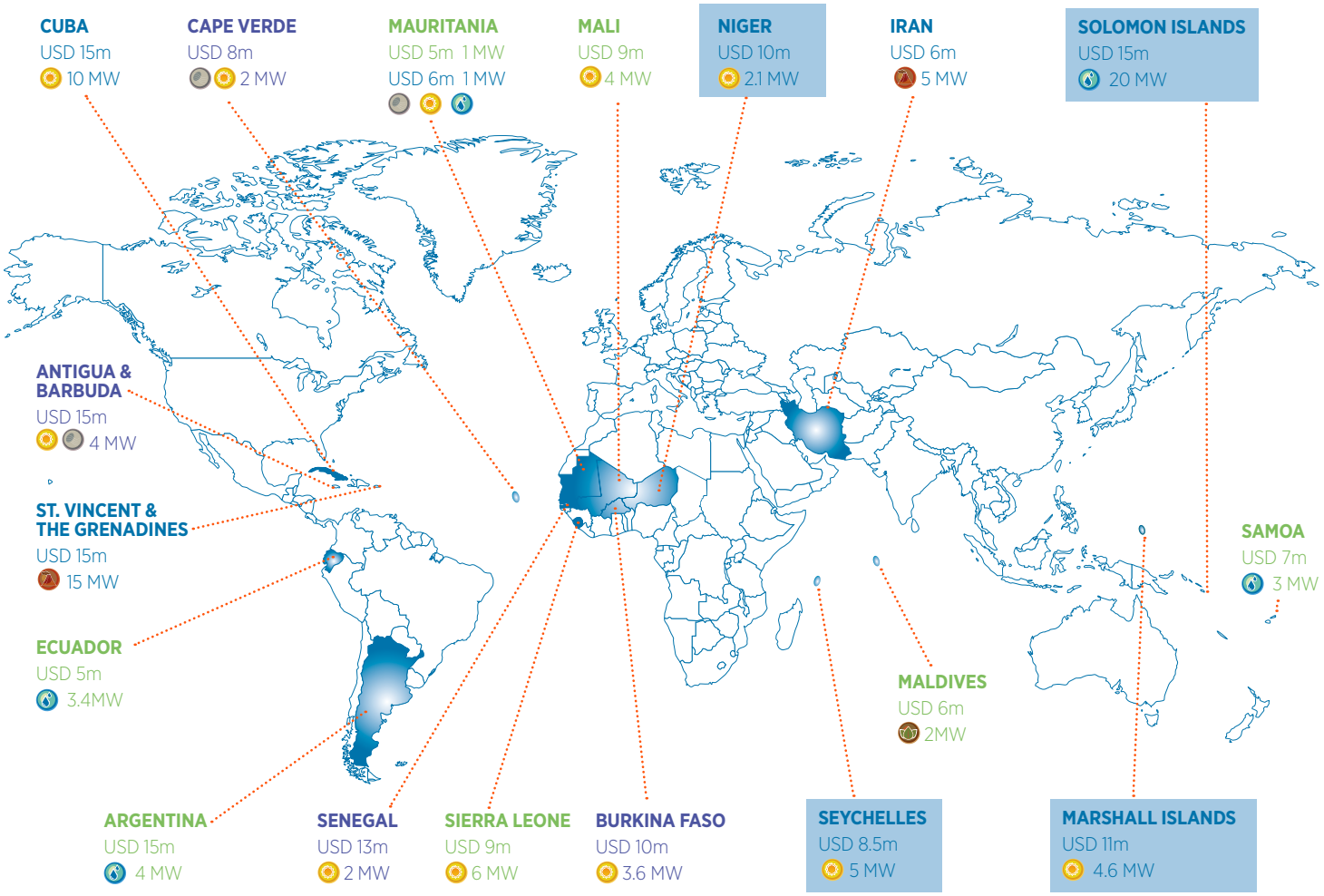
IRENA/ADFD PROJECT FACILITY

A key project finance facility brings USD 44.5 million in concessional loans to transformative renewable energy projects in developing countries.

The four projects selected in the latest funding cycle will bring 31.7 megawatts (MW) of renewable power online, helping to extend modern energy access and address sustainable development goals.

The funding will support investments in a wide range of technologies: hybrid solar photovoltaic (PV) micro-grids incorporating advanced lithium-ion batteries in the Republic of the Marshall Islands; solar PV micro-grids combined with solar home kits in Niger; integrated wind and solar power in the Seychelles; and a hydropower project in the Solomon Islands.

PROJECTS SELECTED



Since the first cycle opened in November 2012:

- Loans worth **USD 189 million** have been allocated to 19 renewable energy projects.
- IRENA/ADFD backing has helped to leverage over **USD 387 million** from other funding sources for remaining project costs.
- Around **100 MW** of renewable capacity is set to come online.
- Over **one million people** will benefit from increased access to energy and improved livelihoods.

The Marshall Islands' 4.6 MW solar PV micro-grid project will benefit communities in four islands.
Photograph: SolarCity

In the Seychelles, a 5 MW Solar PV farm will be integrated into an existing wind farm
Photograph: Seychelles Public Utilities Corporation

Community engagement for the Solomon Island's 20 MW hydropower plant
Photograph: Solomon Islands Government

ABOUT THE FACILITY

The International Renewable Energy Agency (IRENA) and the Abu Dhabi Fund for Development (ADFD) have collaborated on a joint Project Facility that finances 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.

ADFD FUNDING

USD 50 million
per cycle

USD 5m - 15m
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 must be in a developing country, must have the support of the national government and must involve renewable energy technologies.

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 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, which shortlists projects based on technical feasibility, economic/commercial 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.

To be shortlisted, projects must be:

- transformative
- replicable/scalable
- economically feasible
- innovative in business model design

They must also:

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

Niger's 2.1 MW solar project will provide electricity to 100 rural villages
Photograph: ANPER

EVALUATION CRITERIA

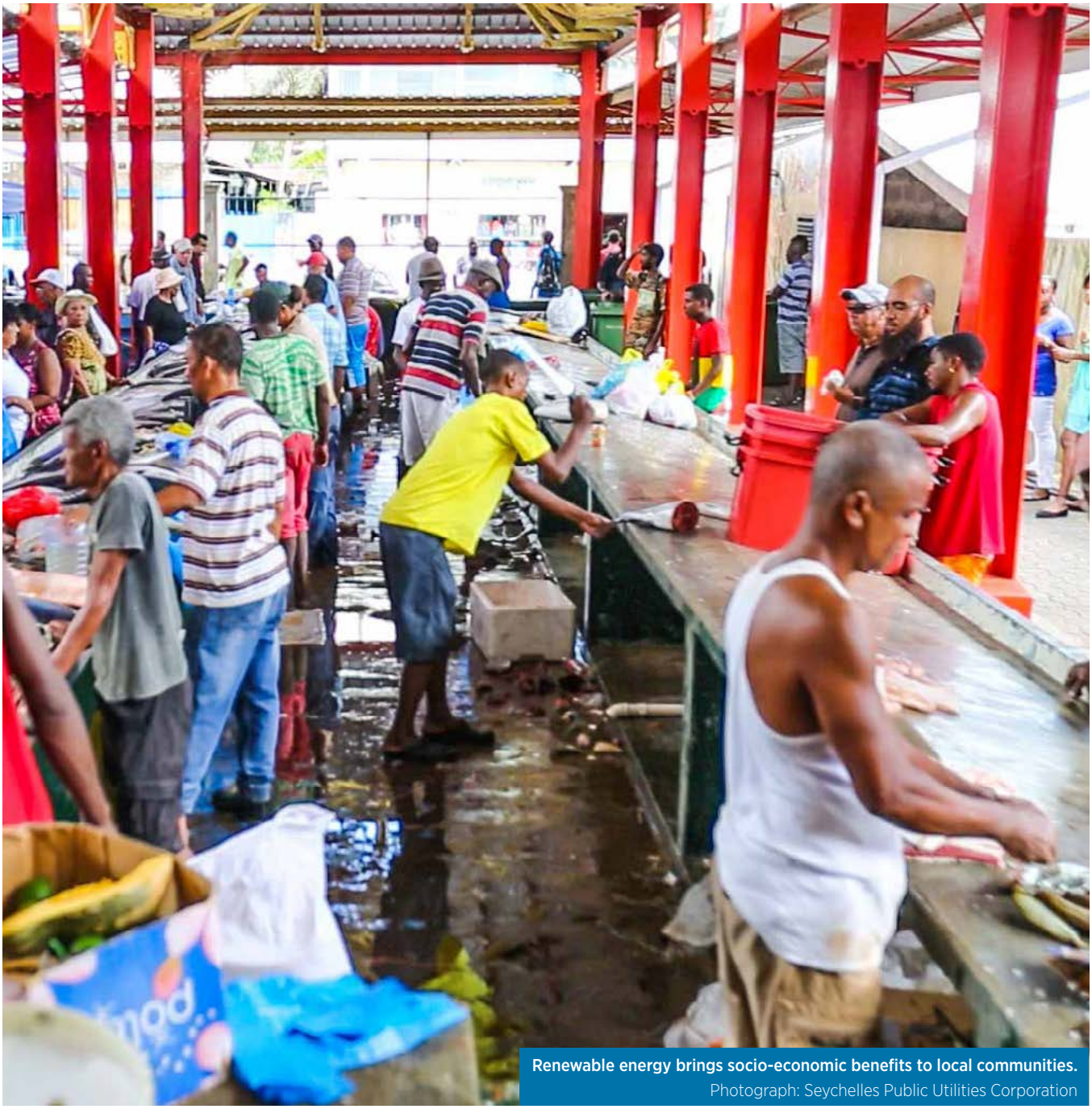
Applications	Evaluation by experts (Weights)				Advisory Committee selection and recommendation
	Technical feasibility (40%)	Economic/ commercial sustainability (30%)	Socio-economic & environmental benefit (30%)	Overall project characteristics	
EXECUTIVE PROJECT SUMMARY – applicants submit between Nov and mid-Feb each year	• Objectives • Design • Management	• Project cost • Revenue sources • Business plan	• Social, economic & environmental benefits • Stakeholder engagement	• Transformative • Replicable/ scalable • Innovative business model • Improve energy access • Address energy security	• 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	• Detailed project design and output • Resource assessment • Implementation plan and operational arrangements • Technical risk mitigation measures • Organisational and management capabilities • Monitoring and evaluation	• Full economic/ financial model • Co-finance agreements • Economic/ financial risks and mitigation options	• Stakeholder engagement details • Accessibility • Affordability • Job creation • Energy security • Environmental / health • Other/ gender/ transformation/ replicability/ scalability/ innovation • Risk mitigation		
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. Upon registration, they will receive information about the opening of each cycle and how to apply. Please reference the Guidelines for Applicants for further details. The deadline for applications in the fifth cycle is **mid-February 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

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

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