

**Caribbean Workshop on Renewable Energy in SIDS
28-30 November 2018**



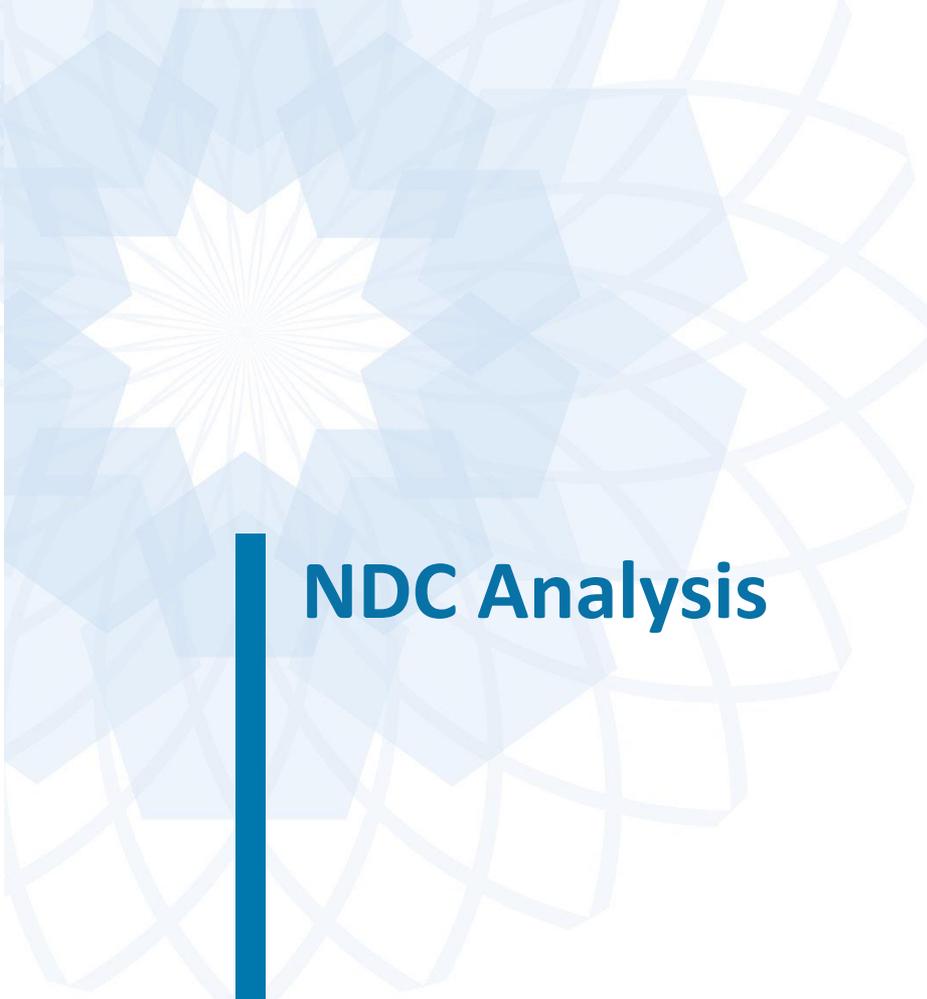
IRENA's Work on NDC Analysis and Project Facilitation

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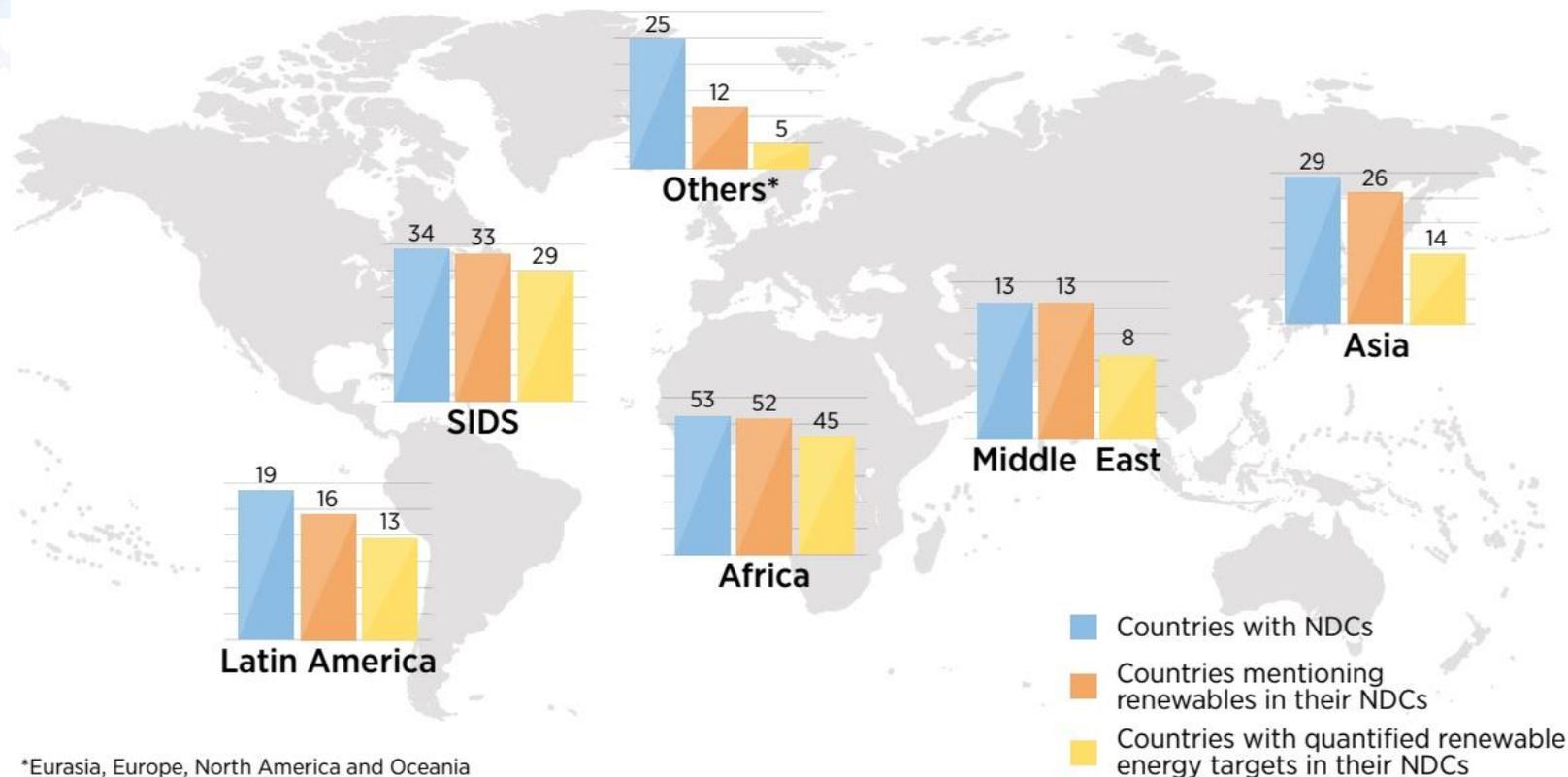
28 November 2018



NDC Analysis

Renewable energy in African NDCs

UNFCCC Parties including renewable energy in their NDCs

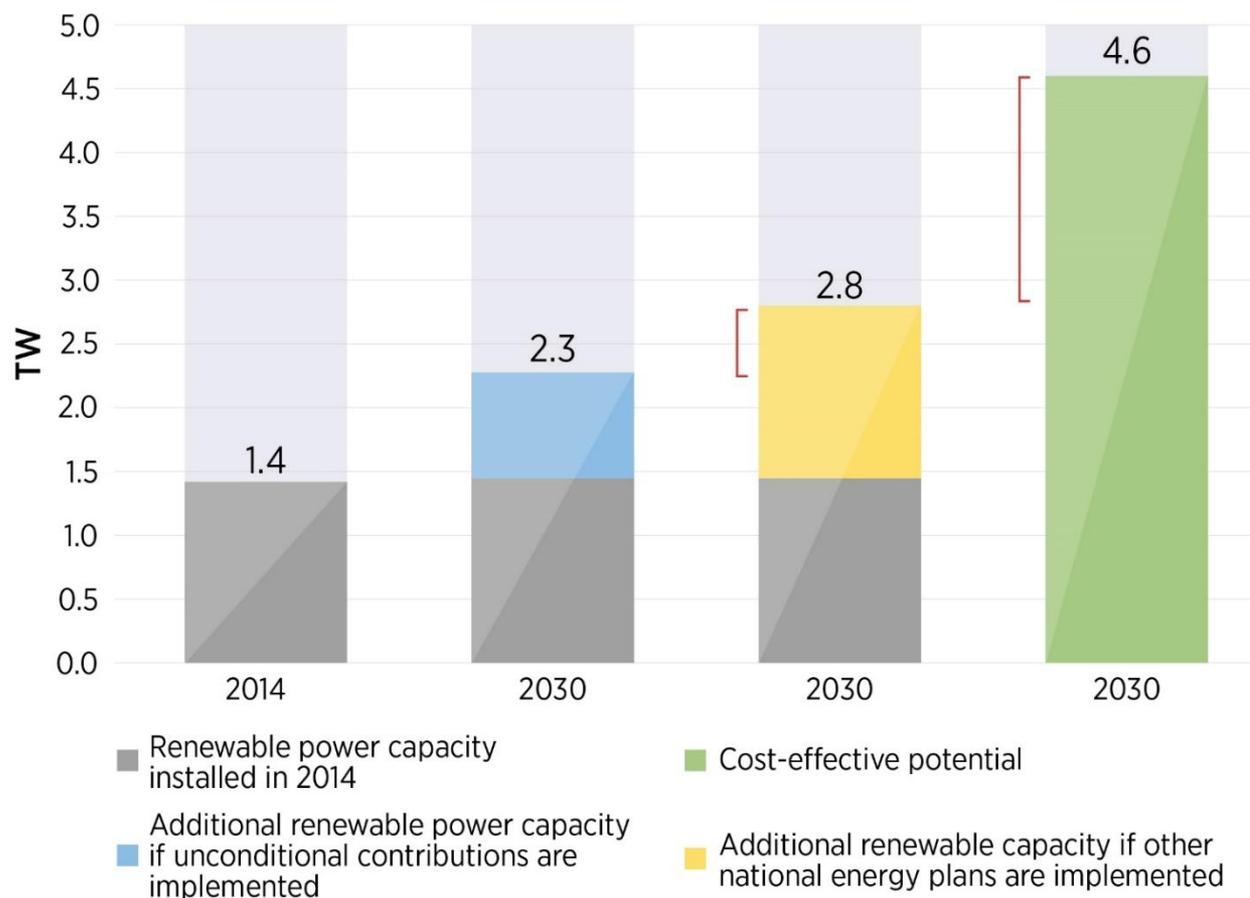


Source: IRENA, 2017

Renewables appear prominently in NDCs (almost 75% of NDCs submitted)

Tapping the full cost-effective potential for renewables through NDCs

G20 renewable energy components in NDCs and in other existing national plans and strategies



The cost-effective potential for renewable energy is much higher than what is captured in NDCs

Countries can progressively increase the ambition of renewable energy targets in the next round of NDCs

Implementing current NDCs

Early action is critical. Countries need to start advancing the implementation of NDCs and to attract the necessary investment:

- Establish stable, consistent and transparent enabling frameworks for renewables;
- Utilise public finance to effectively mobilise private investment (risk mitigation instruments and structured finance mechanisms)

Advancing NDCs

Countries can use the opportunity presented by the 2020 NDC update to:

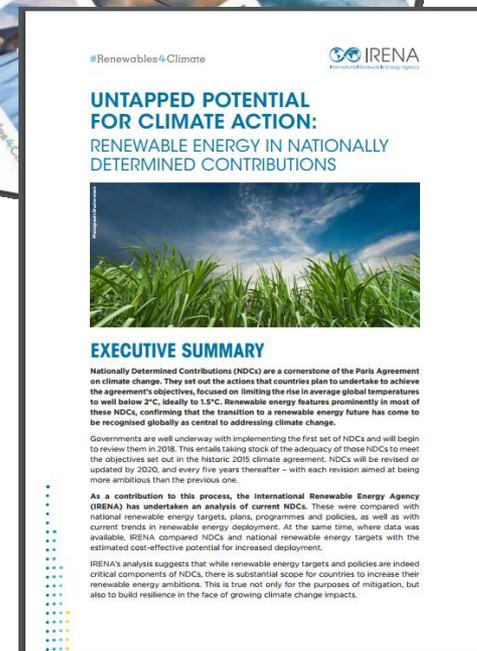
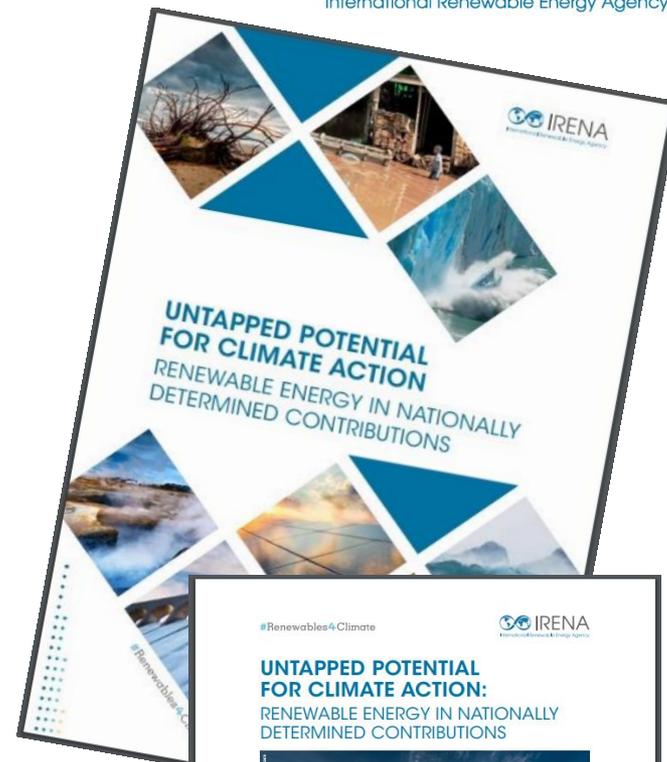
- Reflect at least the current pace of renewable energy deployment
- Align targets in NDCs with existing national plans and strategies
- Reflect the cost-effective renewable energy potentials
- Explore opportunities for renewables in end-use sectors
- Include renewable energy targets as part of their adaptation strategies

IRENA's analysis

- Overview of renewable energy targets in NDCs and needs for decarbonization
- Assessment of total investment needed and of the total renewable power installed capacity added as a result of NDC implementation
- Comparison with:
 - current trends in renewable energy deployment
 - existing national renewable energy targets
 - estimated cost-effective potentials

Available at:

http://www.irena.org/-/media/Files/IRENA/Agency/Publication/2017/Nov/IRENA_Untapped_potential_NDCs_2017.pdf





Project Facilitation

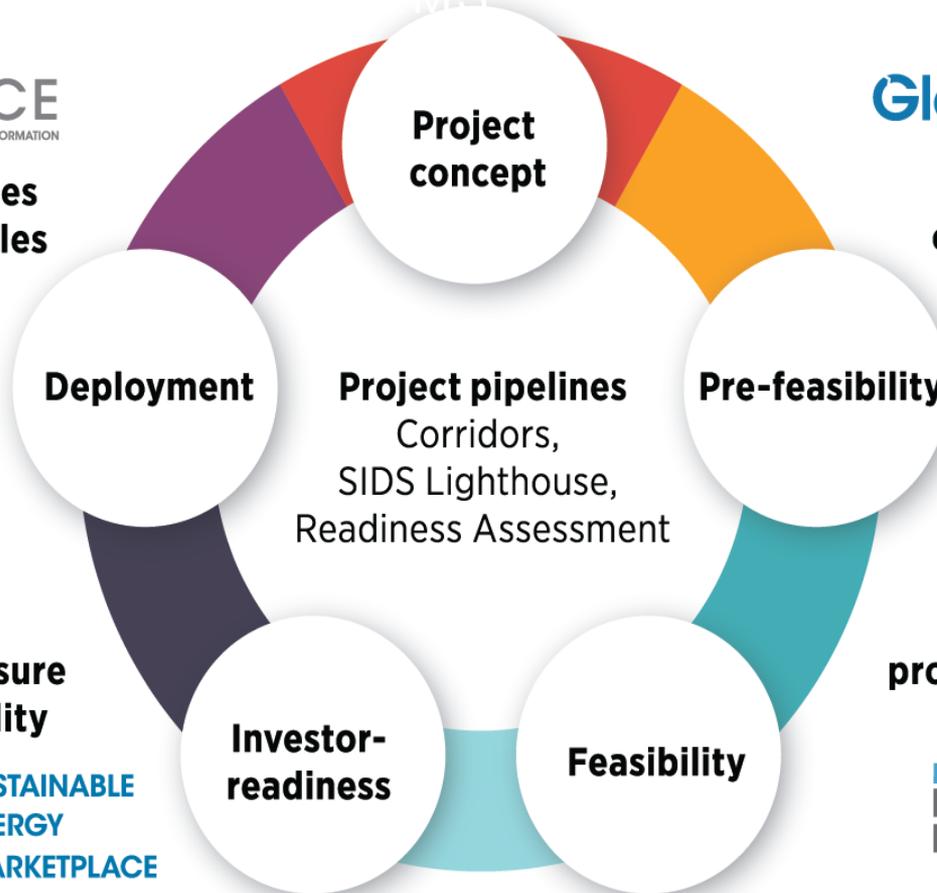
PROJECT PIPELINES

RESOURCE
YOUR SOURCE FOR RENEWABLE ENERGY INFORMATION

**Success stories
Country profiles**

Global Atlas
FOR RENEWABLE ENERGY

**Site
characterisation**



**Assistance
to financial closure
and debt facility**

**Bankable
project development
guidelines**

IRENA ADFD
Supporting Energy Transition

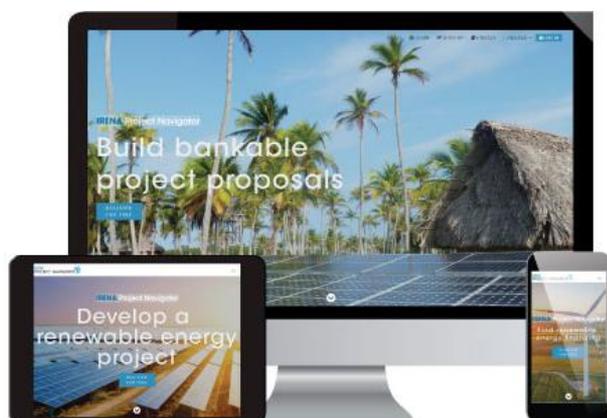
**SUSTAINABLE
ENERGY
MARKETPLACE**

**IRENA
PROJECT
NAVIGATOR**



Evaluate, technical assistance
SUSTAINABLE ENERGY MARKETPLACE

The IRENA Project Navigator is a free online platform providing comprehensive, easily accessible, and practical information, tools and guidance to assist in the development of bankable renewable energy projects



LEARN

Renewable energy project guidelines with tools & templates



DEVELOP

Interactive online workspace to develop bankable project proposals



FINANCE

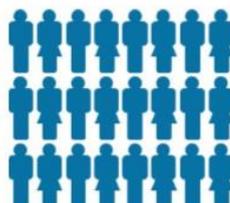
Curated search engine of renewable energy financing instruments

The platform provides *easy-to-access knowledge materials* for major renewable energy technologies **relevant for project stakeholders** featuring *real-life case studies and practical tools such as project evaluation models, checklists or evaluation forms* that can be applied to help structure bankable project proposals and **access renewable energy financing**.

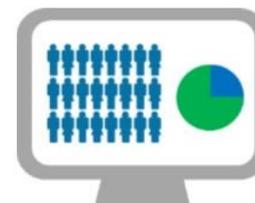
The IRENA Project Navigator supports project developers in applying best practices to transform their power sectors with renewable energy and address the challenges of affordable energy and climate change.



6,000+ users
registered on the platform



900+ developers
trained in workshops



3,000 people
reached through webinars



users from
190+ countries

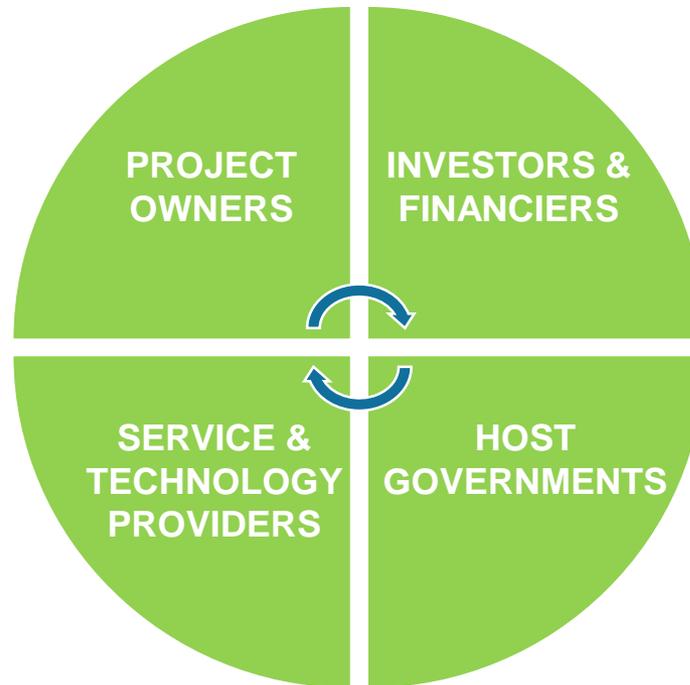


1,300 projects
created on the platform



7 Technologies
and a SIDS module

- Enhanced visibility for projects
- Access to potential investors / financiers and service / technology providers
- Access to project development tools & templates
- Identification of potential clients & new business opportunities
- Access to market data



- Deal sourcing & pre-screening
- Access to market data and regulatory information
- Promotion of investment opportunities
- Enabling foreign direct investments

<http://marketplace.irena.org>



195 | Sustainable energy projects

- 77 projects in **LATIN AMERICA**
- 77 projects in **AFRICA**
- 28 projects in **SIDS**
- 13 projects in **ASIA & MENA**

total installed capacity | total investment size...

4.2 GW | **8.5 BN USD**

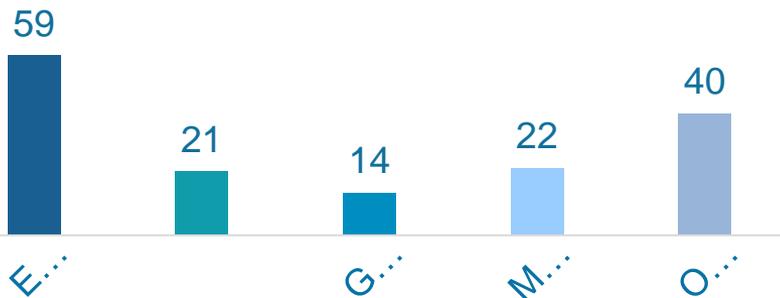
8.5 billion US \$
Total investment cost

4.2 GW
Combined installed capacity
(power generation projects only)

195
Projects

156
Financing instruments

FINANCING INSTRUMENTS BY TYPE



62 | Financial Institutions are registered on the Marketplace, offering...

156 | Financial Instruments

68 | **189** | Technology Suppliers | Service Providers



Thank you!