IRENA’s Work on NDC Analysis and Project Facilitation

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NDC Analysis
Renewable energy in African NDCs

UNFCCC Parties including renewable energy in their NDCs

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

Source: IRENA, 2017
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.

Source: IRENA, 2017
Some Take-Aways

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:
  o current trends in renewable energy deployment
  o existing national renewable energy targets
  o estimated cost-effective potentials

available at:
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.

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
SUSTAINABLE ENERGY MARKETPLACE

- 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

Financing Instruments by Type

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

62 Financial Instruments

68 Technology Suppliers | 189 Service Providers
Thank you!