



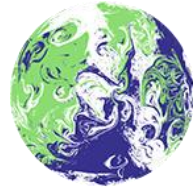
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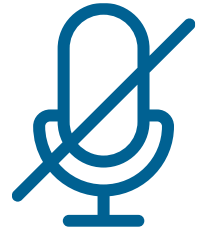
Advancing the Energy Transition in Central Asia through Nationally Determined Contributions (NDCs) and Long-Term Strategies (LTS)

**8 July 2021
12:00 – 14:00 (GST)**



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Please make sure to **mute** yourself during the session to avoid background noise



A recording of the webinar will be available on the IRENA website



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AGENDA

- ❑ **Opening Remarks**
- ❑ **Scene-setting Presentation:**
IRENA's NDC Support and Regional Engagement in Central Asia
- ❑ **Panel Discussion 1:**
Experiences, Opportunities, and Best Practices for the enhancement and implementation of NDCs and LTS
- ❑ **Panel Discussion 2:**
Mobilizing RE financing at scale and de-risking investments for Energy Transition
- ❑ **Closing Remarks**



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Opening Remarks

- ☐ **Francesco La Camera**
Director General, IRENA
- ☐ **David Moran**
**COP26 Regional Ambassador: Europe,
Central Asia, Turkey & Iran**
- ☐ **James Grabert**
Director of Mitigation Division, UNFCCC



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Scene-setting presentation

IRENA's NDC Support and Regional Engagement in Central Asia



Binu Parthan
Head of Regions
Country Engagement and Partnerships (CEP)



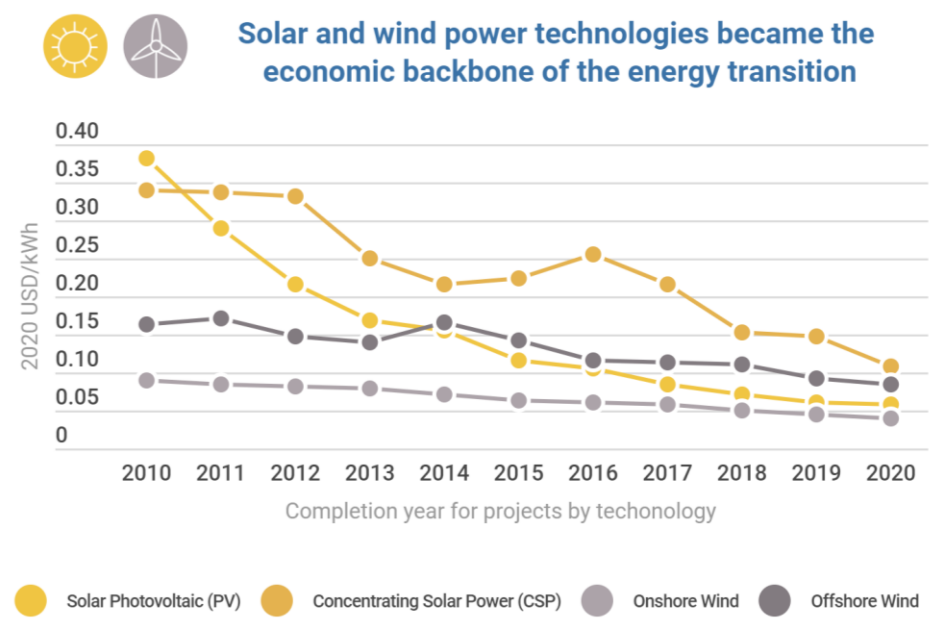
IRENA's NDC Support and Regional Engagement in Central Asia

Energy Transition trends

Costs for electricity from utility-scale solar photovoltaics (PV) fell 85% between 2010 and 2020.

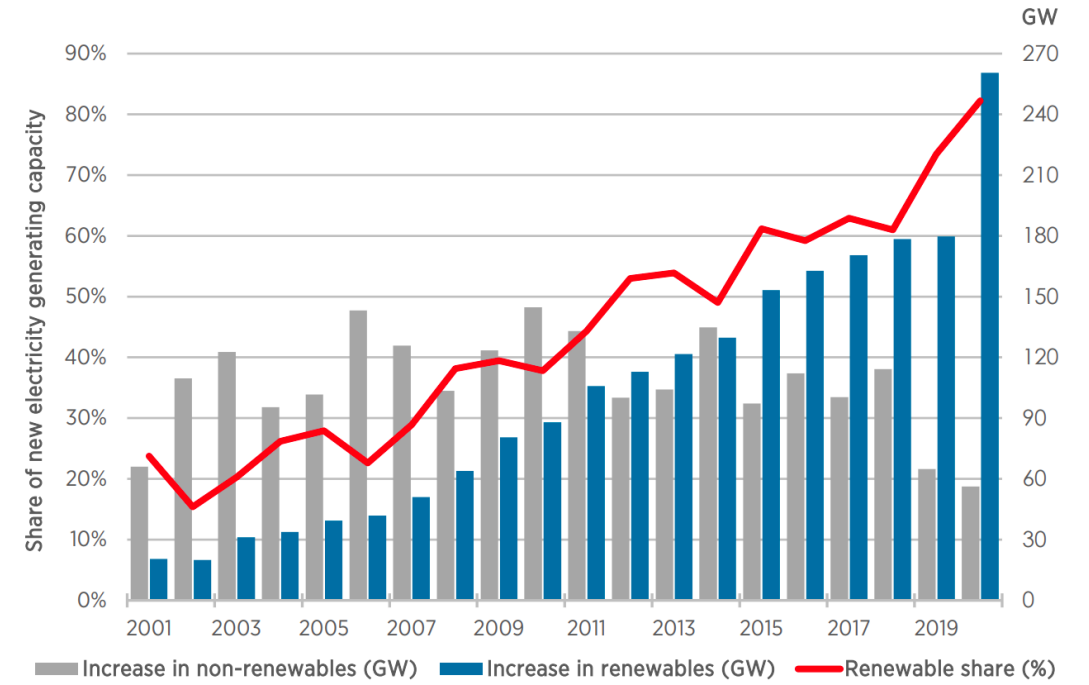
The surge in renewable capacity expansion reached **82%** in 2020 compared to a figure of 73% in 2019.

In 2020 costs continued to fall



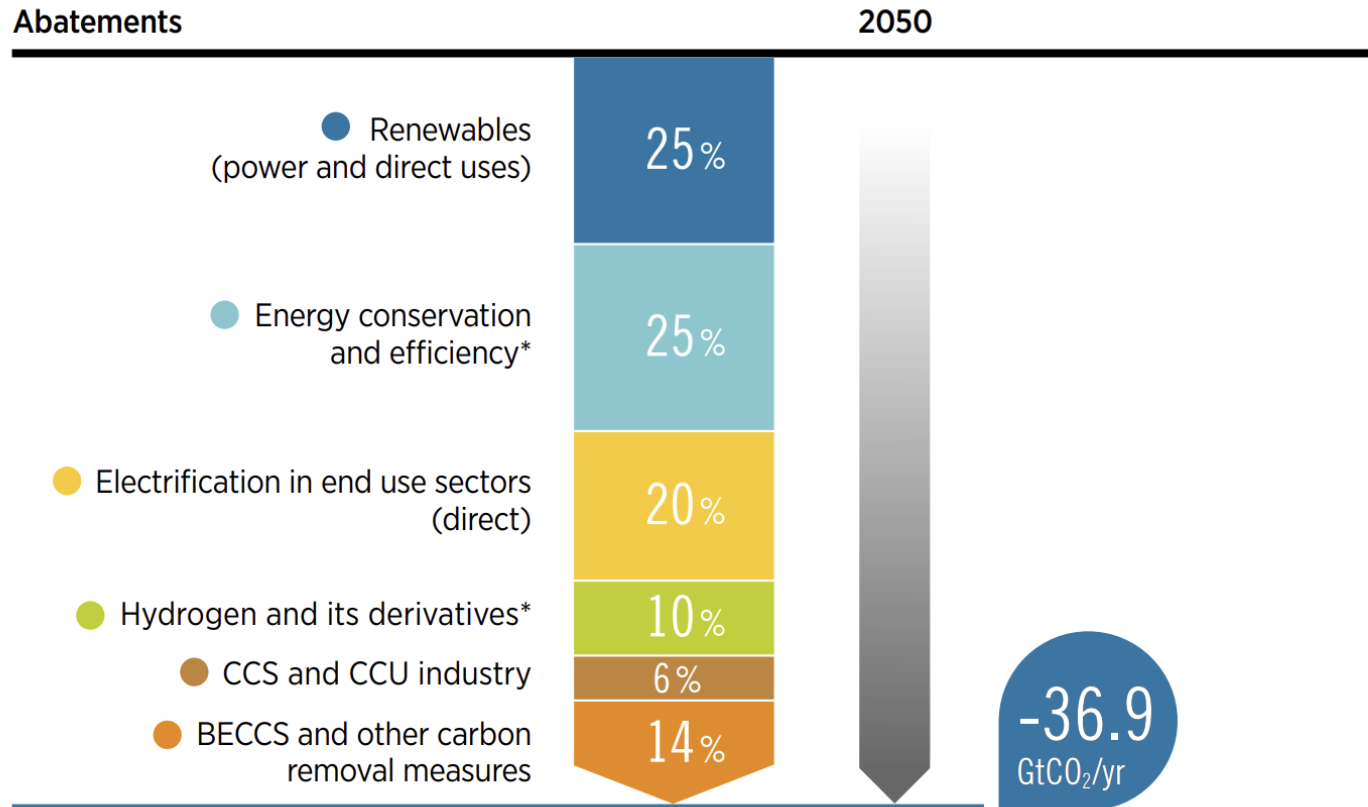
62%
of added capacity
in 2019 had lower costs than the cheapest new fossil fuel-fired option

Renewables now account for one third of global power capacity today



Six components of the energy transition strategy

CO2 emissions abatement options between the 1.5°C Scenario and PES



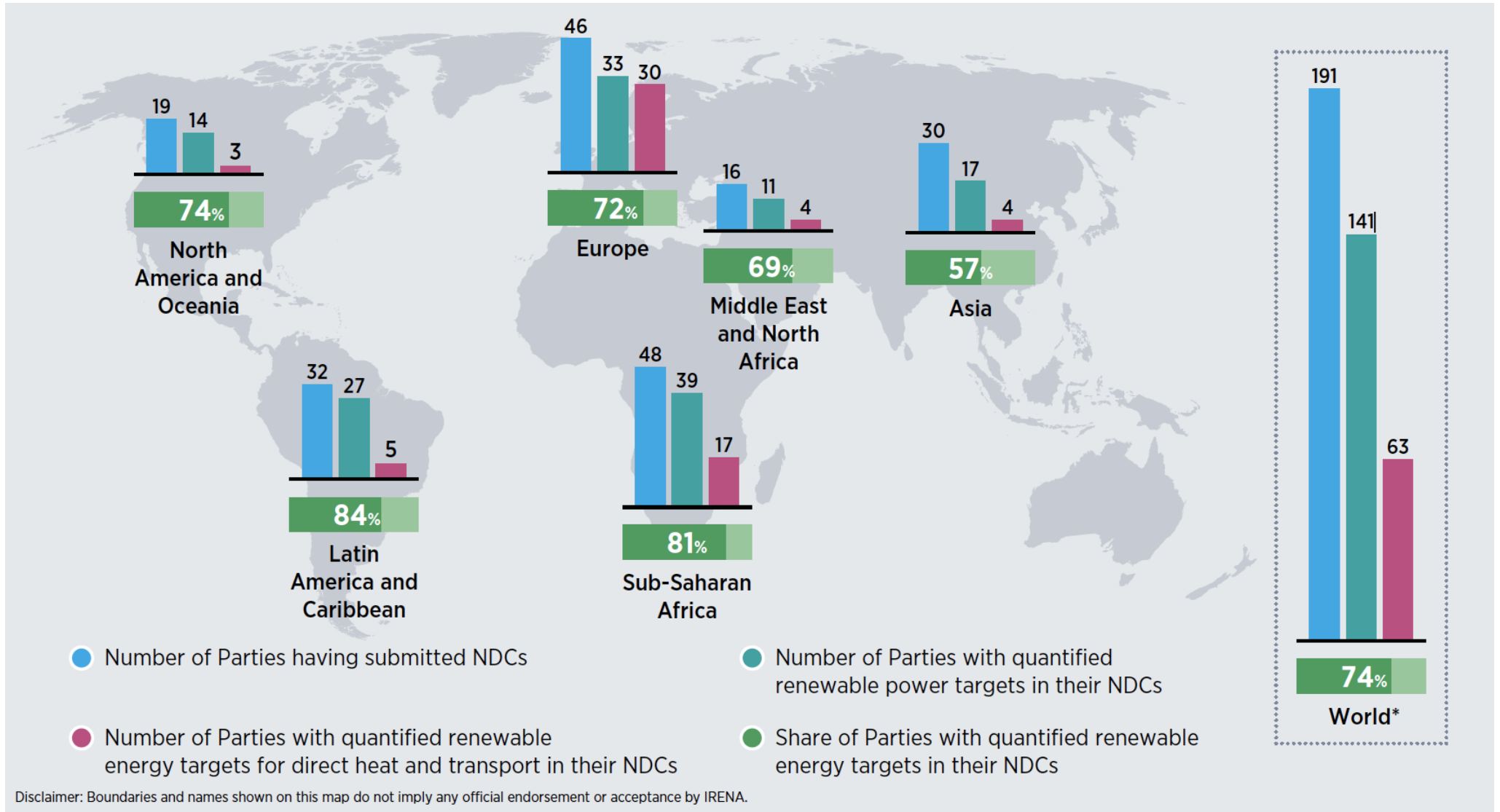
- Renewable energy **plays a key role** in the decarbonisation effort.
- **Over 90%** of the solutions in 2050 involve renewable energy through direct supply, electrification, energy efficiency, green hydrogen and BECCS.
- Fossil-based CCS has a **limited role to play**, and the contribution of nuclear remains at the same levels as today.

Renewable Energy Components in Nationally Determined Contributions

188 NDCs submitted

134 mention quantifiable targets for renewables.

26 include Long-Term low emission development strategy

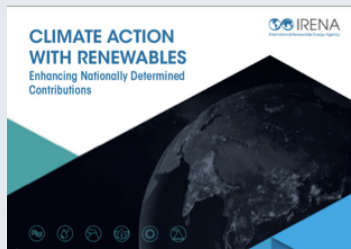
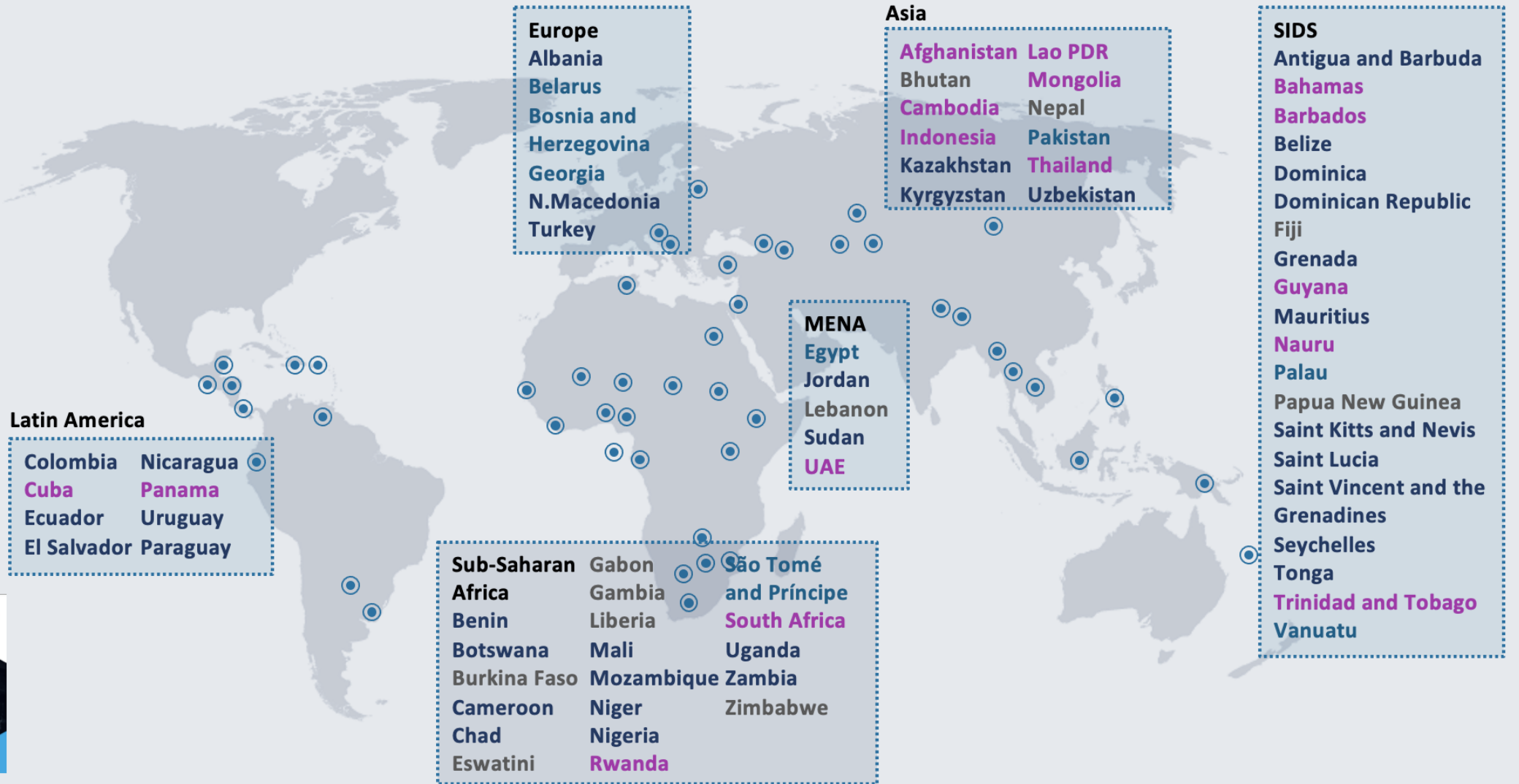


Note: Figures were last updated and verified on 5 April 2021.

Source: IRENA

IRENA's NDC Engagement

3 bn tonnes CO₂ – eq. annually

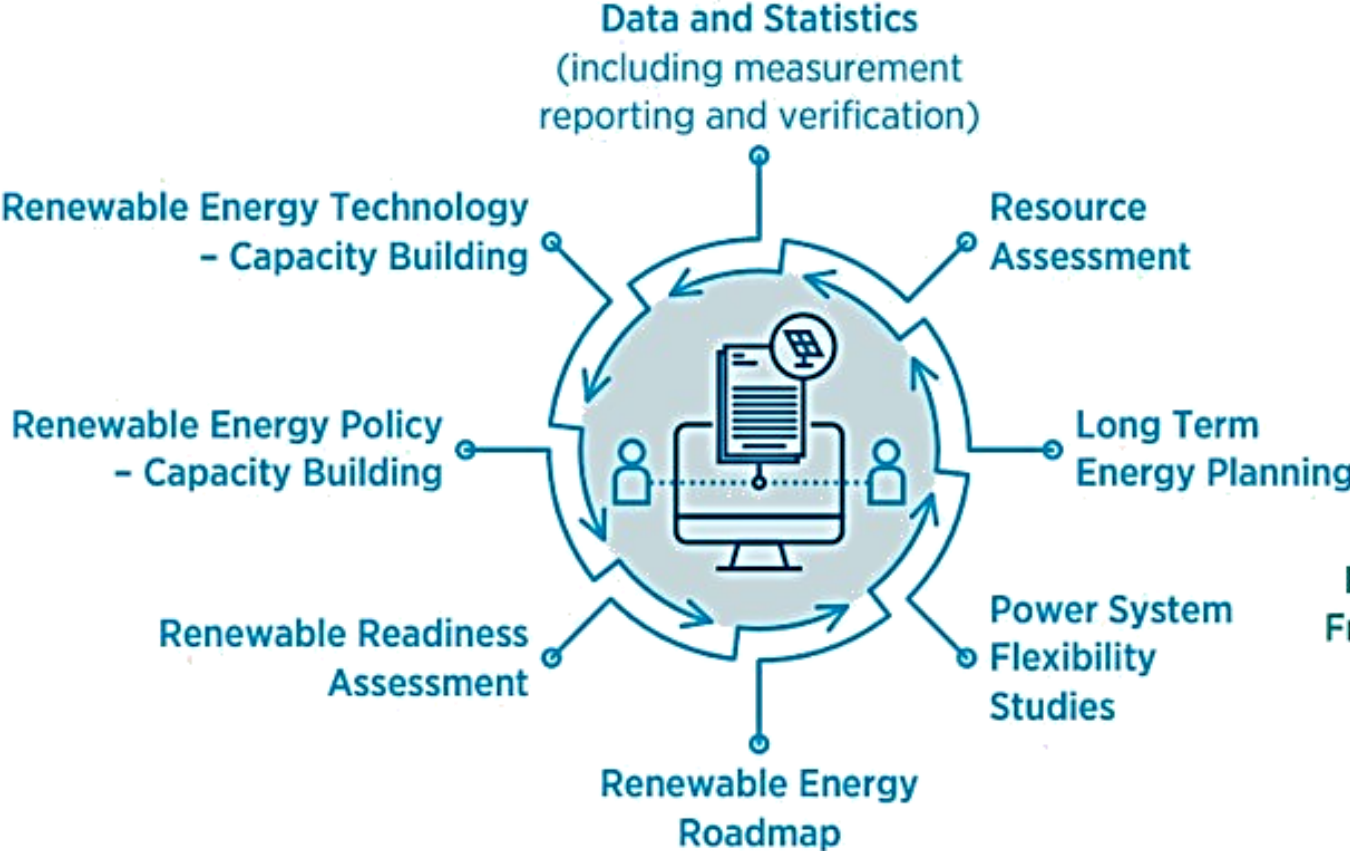


○ NDC Support Finalised (11) ● Implementation of Support (34) ● Work plan development (08) ● Scoping / Initial discussions (17)

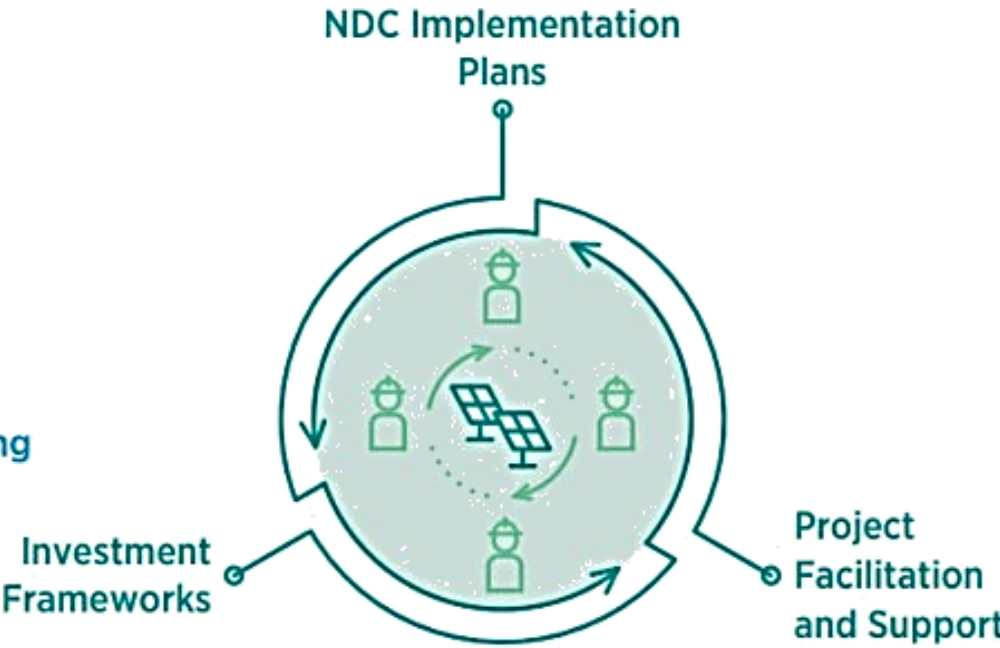
Disclaimer: Boundaries and names shown on this map do not imply any official endorsement of acceptance by IRENA.

How IRENA Helps Countries Strengthen their Climate Pledges

NDC Enhancement: Scaling up ambitions



NDC Implementation: Putting pledges into practice



IRENA's Engagement in the Region

Areas of Support



Data and Statistics



Resource Assessment support



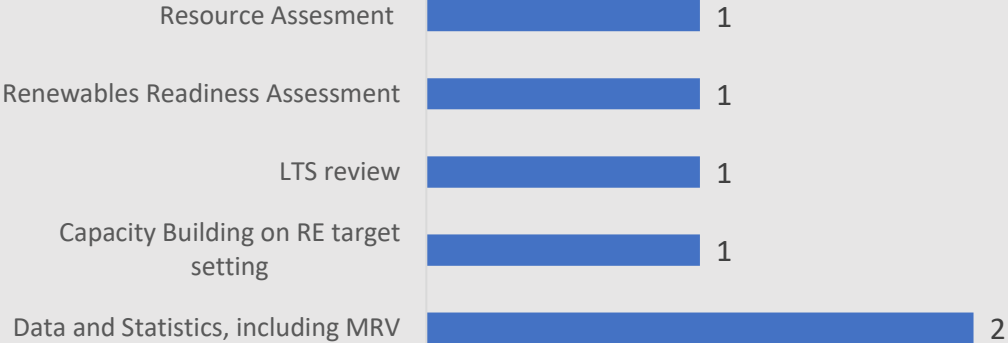
Capacity building –Technology and Policy



Renewables Readiness Assessment

Nationally Determined Contributions (NDCs)

Activities under support



Type of Support



Enhancement

2



Enhancement & Implementation

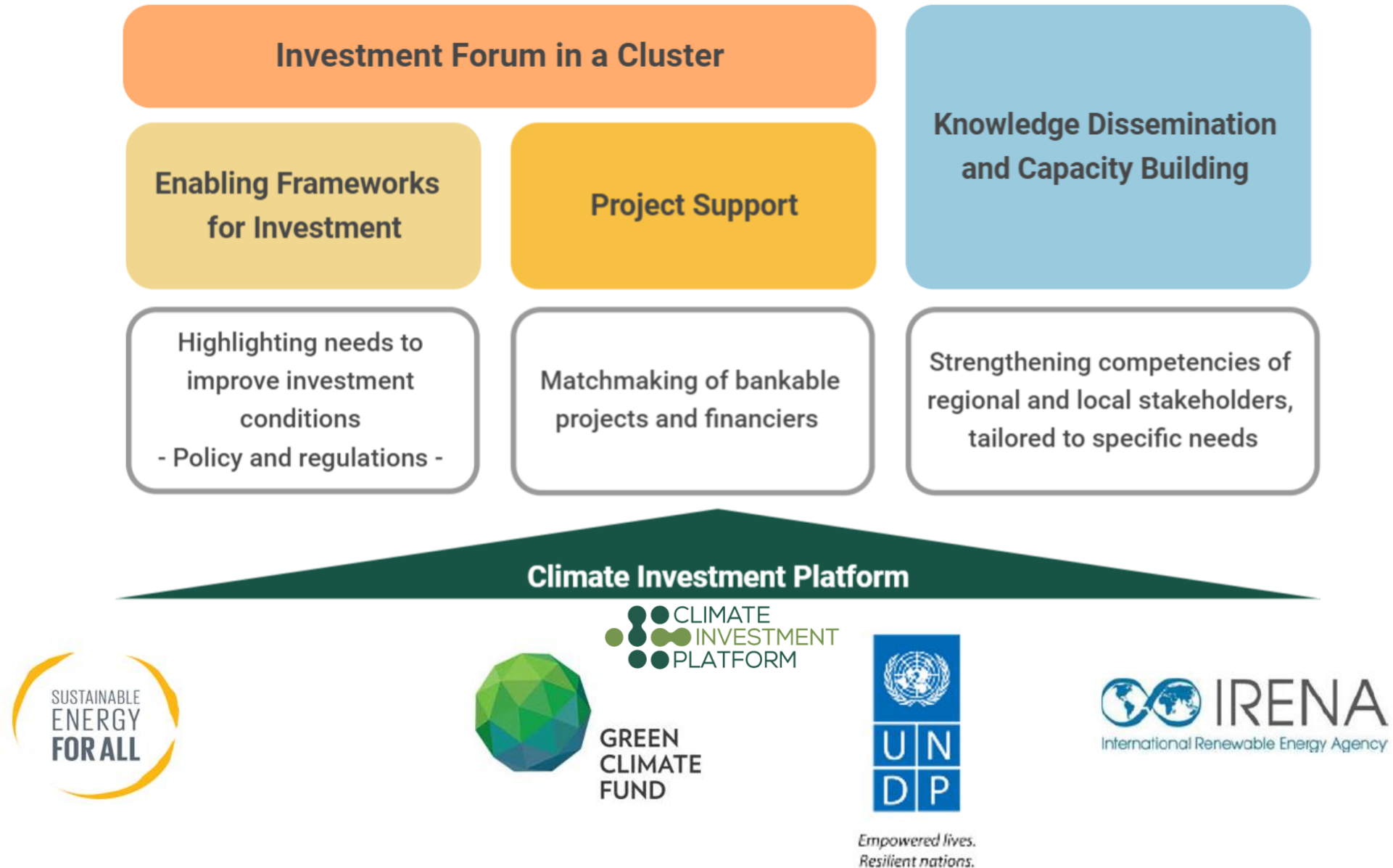
2



Implementation

2

Climate Investment Platform: Investment Forums



IRENA's CONTACT POINTS

Mr. Gurbuz Gonul

Director, Country Engagement and Partnership (CEP)

GGonul@irena.org

IRENA Headquarters, Masdar City

P.O. Box 236, Abu Dhabi

United Arab Emirates

Mr. Binu Parthan

Head, Regions

BParthan@irena.org

Mr. Prasoon Agarwal

Regional Programme Officer,

PAgarwal@irena.org

Ms. Aleksandra Prodan

Associate Professional

AProdan@irena.org



□ **Moderator:** Amanda McKee
Head of Knowledge Management and Head of
CAEP, NDC Partnership

□ **Panelists:**

- Jana Koperniech, UNDP
- Kazakhstan, Olzhas Agabekov, Ministry of Ecology, Geology and Natural Resources
- Turkmenistan, Kerim Saparmuhamedow, Ministry of Energy
- Uzbekistan, Olga Belorussova, Uzhydromet
- Kyrgyzstan, Zamirbek Temirbekov, Ministry of Energy
- Johannes Schuhmann, GIZ

Panel Discussion 1

Experiences, Opportunities, and Best Practices for the enhancement and implementation of NDCs and LTS



Panel Discussion 2

Mobilizing RE financing at scale and de-risking investments for Energy Transition

- ❑ **Moderator:** Ahmed Badr
Director, Project Facilitation & Support Division,
IRENA

- ❑ **Panelists:**
 - Damir Narynbaev, KazEnergy
 - Veronika Krakovich, EBRD
 - Sohail Hasnie, ADB
 - Mohamed Al Sayed, IsDB
 - Waleed Saraf, IFC



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Closing Remarks



Gauri Singh
Deputy Director-General
IRENA



IRENA

International Renewable Energy Agency

THANK YOU!