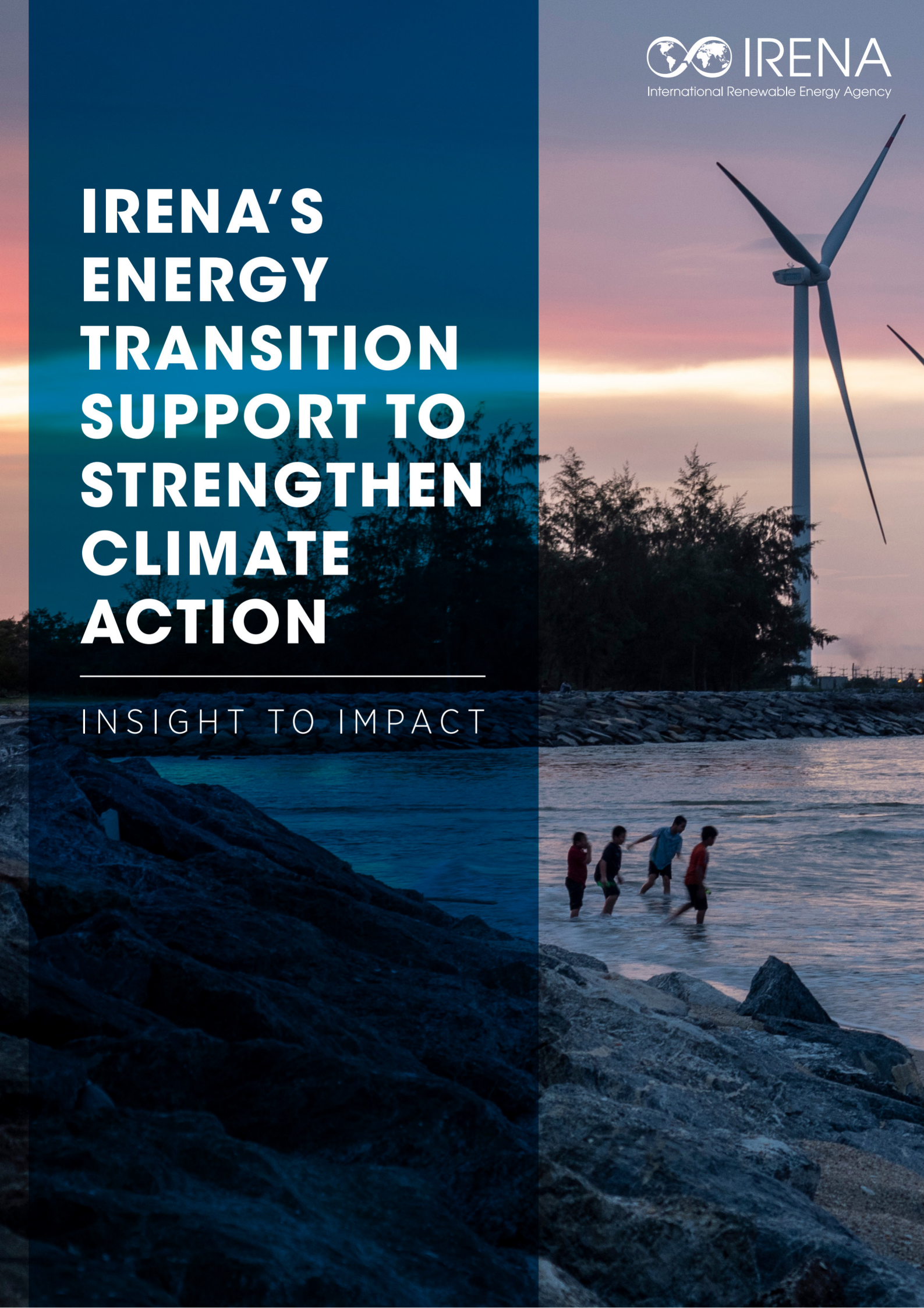


IRENA'S ENERGY TRANSITION SUPPORT TO STRENGTHEN CLIMATE ACTION

INSIGHT TO IMPACT



© IRENA 2021

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 as the source and copyright holder. 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.

Citation: IRENA (2021), *IRENA's Energy Transition Support to Strengthen Climate Action*, International Renewable Energy Agency, Abu Dhabi.

ISBN: 978-92-9260-365-6

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 co-operation, 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

Acknowledgements

This report was authored by Kamran Siddiqui, Reem Korban and Margaret Suh, under the supervision of Binu Parthan and Gurbuz Gonul. The report also benefited from valuable inputs and comments from IRENA colleagues and members of NDC taskforce: Arvydas Lebedys, Simon Benmarraze, Paula Nardone, Josefine Axelsson, Claire Kiss, Faran Rana Jennifer Ifeanyi-Okoro, Omar Marzouk, Inês Jacob, Arjun Guha (ex-IRENA), and Costanza Strinati (ex-IRENA).

For further information or to provide feedback: publications@irena.org

This report is available for download: www.irena.org/publications

Disclaimer

The designations employed and the presentation of materials featured herein are provided on an “as is” basis, for informational purposes only, without any conditions, warranties or undertakings, either express or implied, from IRENA, its officials and agents, including but not limited to warranties of accuracy, completeness and fitness for a particular purpose or use of such content.

The information contained herein does not necessarily represent the views of all Members of IRENA, nor is it an endorsement of any project, product or service provider. The designations employed and the presentation of material herein do not imply the expression of any opinion on the part of IRENA concerning the legal status of any region, country, territory, city or area or of its authorities, or concerning the delimitation of frontiers or boundaries.

Cover photo: *Purd77* @ Shutterstock

CONTENTS

Figures and tables5

Abbreviations6

Executive summary7

Energy transition as a key driver
for climate action9

IRENA's support for climate action:
Initiative12

IRENA's support for climate action:
Impact to date17

Africa 22 countries, 39 work packages17

Asia and the Pacific 23 countries, 38 work packages20

Europe 6 countries, 15 work packages24

Latin America and the Caribbean 21 countries, 52 work packages27

Realising the ambitions31

ANNEX32

ANNEX

Afghanistan.....	33	Mali.....	76
Albania.....	34	Mauritius.....	77
Antigua and Barbuda.....	35	Mongolia.....	78
Bahamas.....	37	Morocco.....	79
Barbados.....	38	Mozambique.....	80
Belarus.....	39	Nauru.....	81
Belize.....	40	Nepal.....	82
Benin.....	42	Nicaragua.....	83
Bhutan.....	43	Niger.....	84
Bosnia and Herzegovina.....	44	Nigeria.....	85
Botswana.....	45	North Macedonia.....	86
Burkina Faso.....	46	Pakistan.....	87
Cambodia.....	47	Palau.....	88
Cameroon.....	48	Panama.....	89
Chad.....	49	Papua New Guinea.....	90
Colombia.....	50	Paraguay.....	91
Cuba.....	51	Peru.....	92
Dominica.....	52	Rwanda.....	93
Dominican Republic.....	53	Saint Kitts and Nevis.....	94
Ecuador.....	55	Saint Lucia.....	95
Egypt.....	57	Saint Vincent and the Grenadines.....	96
El Salvador.....	58	São Tomé and Príncipe.....	97
Eswatini.....	60	Seychelles.....	98
Fiji.....	61	South Africa.....	99
Gabon.....	62	Sudan.....	100
The Gambia.....	63	Thailand.....	101
Georgia.....	64	Tonga.....	102
Grenada.....	65	Trinidad and Tobago.....	103
Guyana.....	67	Turkey.....	104
Indonesia.....	68	Uganda.....	105
Jordan.....	69	United Arab Emirates.....	106
Kazakhstan.....	70	Uruguay.....	107
Kyrgyzstan.....	71	Uzbekistan.....	108
Lao People's Democratic Republic.....	73	Vanuatu.....	109
Lebanon.....	74	Zambia.....	110
Liberia.....	75	Zimbabwe.....	111

FIGURES

Figure 1	Distribution of IRENA work packages (%).....	7
Figure 2	Total NDCs submitted to the UNFCCC.....	9
Figure 3	Sectors in updated NDCs submitted to the UNFCCC.....	10
Figure 4	Energy in updated NDCs submitted to the UNFCCC.....	11
Figure 5	Emission abatement with a 1.5°C pathway.....	11
Figure 6	IRENA’s engagement with Parties to the Paris Agreement.....	13
Figure 7	Distribution of IRENA’s work packages.....	15
Figure 8	Distribution of the sources of IRENA support requests.....	16
Figure 9	Distribution of IRENA’s work packages in Africa.....	18
Figure 10	Distribution of IRENA’s work packages in Asia and the Pacific.....	21
Figure 11	Distribution of IRENA’s work packages in Europe.....	25
Figure 12	Distribution of IRENA’s work packages in Latin America and the Caribbean.....	28

TABLES

Table 1	IRENA engagement across different UNFCCC regional groupings.....	8
Table 2	IRENA’s main categories of work packages.....	14