



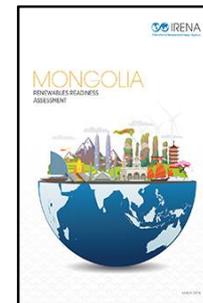
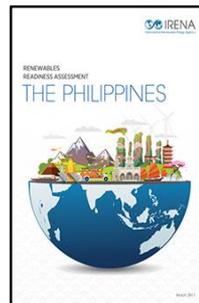
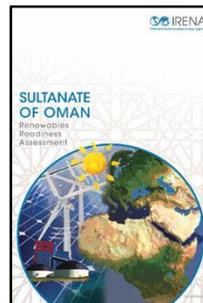
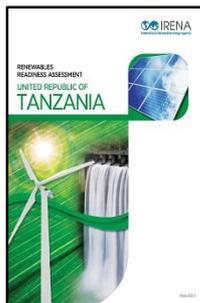
# Renewables Readiness Assessment

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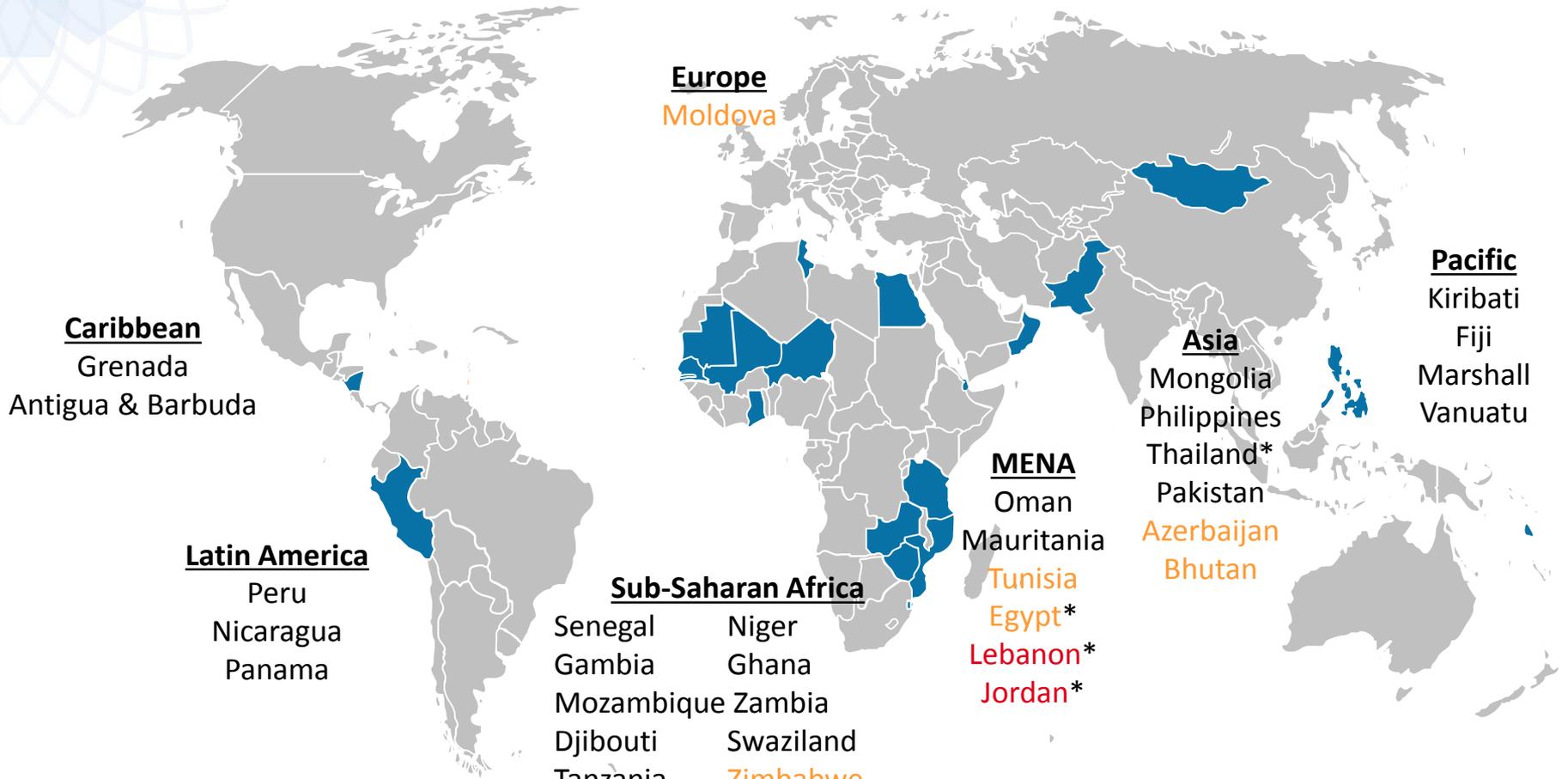


# Renewables Readiness Assessments

- Country-initiated, country-led process facilitated by IRENA
- Inclusive and multi-stakeholder process promoting consensus
- Objectives:
  - Comprehensive assessment of the on-ground situation for RE deployment
  - Identification of obstacles hindering accelerated deployment
  - Recommendation of short / medium-term actions
- Process establishing a basis for future collaboration



# More than 30 RRAs globally



- Completed
- Under implementation
  - Planned

\* RRA-REmap combined

# 4 phases of the RRA process

Phase  
1

Demonstration of  
intent by the  
government

Phase  
2

Detailed country  
assessment and  
consultation

Phase  
3

Validation

Phase  
4

Implementation of  
recommendations  
and follow up

# 4 phases of the RRA process

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Implementation of  
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and follow up

1. Formal request by government to IRENA; focal points in country designated
2. Setup project team (Focal Point; IRENA staff, consultant and local coordinator)
3. Identification of regional and national stakeholders

# 4 phases of the RRA process

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Phase  
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assessment and  
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Validation

Phase  
4

Implementation of  
recommendations  
and follow up

1. Preparation of a Background paper and Discussion paper
2. Interviews, bilateral meetings and questionnaires
3. RRA Expert Consultation Workshop

# 4 phases of the RRA process

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Phase  
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Detailed country  
assessment and  
consultation

Phase  
3

Validation

Phase  
4

Implementation of  
recommendations  
and follow up

1. Draft RRA report
2. RRA validation workshop
3. Finalization of the RRA report

# 4 phases of the RRA process

Phase  
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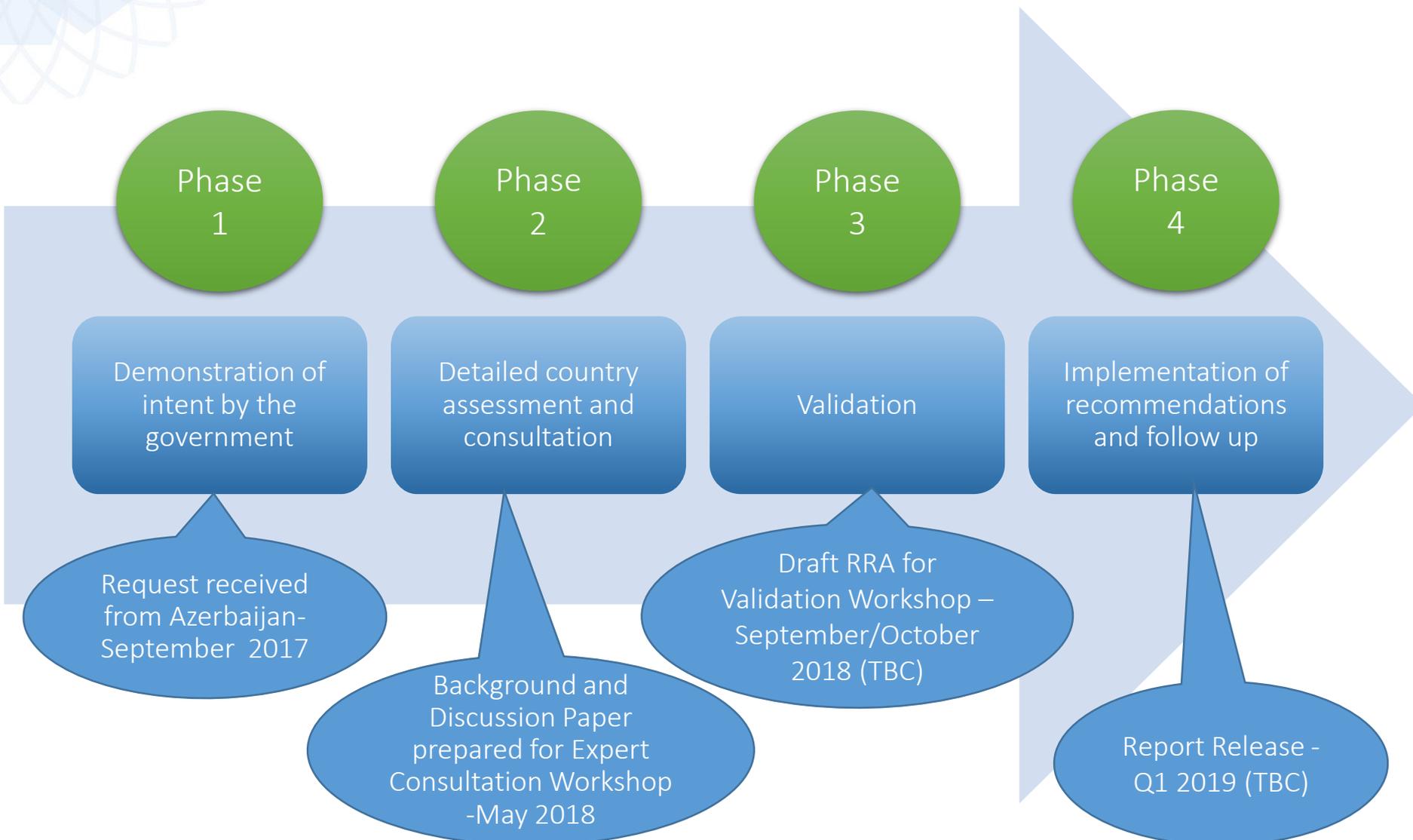
Validation

Phase  
4

Implementation of  
recommendations  
and follow up

1. RRA report launch
2. Follow up by government, development partners and IRENA
3. Track RRA impact, learn lessons and feedback

# 4 phases of the RRA process



# Post-RRA support from IRENA

Resource Assessments

Policy & Strategy

Planning

Financing & Investments

Capacity Building

Deployment & Operation

**PERU**  
**MAURITANIA**

Solar and wind  
suitability mapping

**PHILIPPINES**

Mini-grids study

**SWAZILAND**

Energy masterplan

**MOZAMBIQUE**

Investment workshop

**DJIBOUTI**  
**OMAN**

Project development  
Statistics

**ANTIGUA**  
**& BARBUDA**

Grid Stability study

# Post-RRA support from other Partners

| Country         | Partner   | Area of Support   |
|-----------------|---|---|
| <b>Mongolia</b> | Asian Development Bank  | Feasibility study on the Asian Super Grid   |
| <b>Djibouti</b> | USAID   | RRA as basis for Geothermal intervention  |
| <b>Senegal</b>  | World Bank  | Strategy and action plan for renewables   |
| <b>Vanuatu</b>  | <ul style="list-style-type: none"><li>- European Union</li><li>- The World Bank and GGGI</li><li>- GGGI</li></ul> | <ul style="list-style-type: none"><li>- Certification</li><li>- Access</li><li>- Off-Grid for tourism</li></ul> |
| <b>Niger</b>    | World Bank, AfDB and Power Africa   | Mini-grid concessions   |

# Impacts of RRA recommendations

## SENEGAL

Application Decree for the RE law on:

- Electricity generated by RE and their grid connection
- Purchase of surplus RE-based electricity from self-producers

## VANUATU

- Standards for grid-connected systems
- National Green Energy Fund
- Ongoing reviews and amendments to various energy acts

## PERU

- Renewable Energy Law
- Auction Reforms

## MOZAMBIQUE

- RE resources mapping for the whole country done
- RE feed-in-tariffs adopted
- Rural Electrification Strategy

# Key Factors to achieve successful RRA Outcomes

## RRA INITIATION

- Early discussions with national stakeholders
- Country preparedness to conduct a multi-stakeholder and inclusive RRA process
- Coordination with development partners to avoid duplication of efforts and to reinforce synergies

## RRA IMPLEMENTATION

- Level of engagement of development partners from the early design phase to the finalization of the RRA
- Prioritization (and limitation) of actionable and feasible recommendations taking into account the country's broader economic and energy context

## POST-RRA

- Country commitment and ownership of the RRA process and the outcomes to mobilize funding for implementation
- Availability of resources to IRENA for post-RRA advisory and capacity building support



# IRENA

International Renewable Energy Agency



## Thank you

