



Renewables Readiness Assessment

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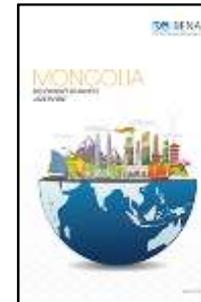
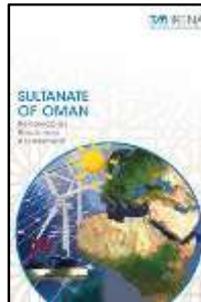
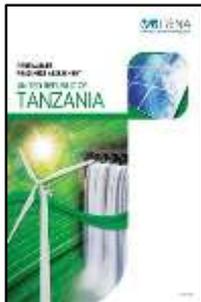


RRA - Objectives

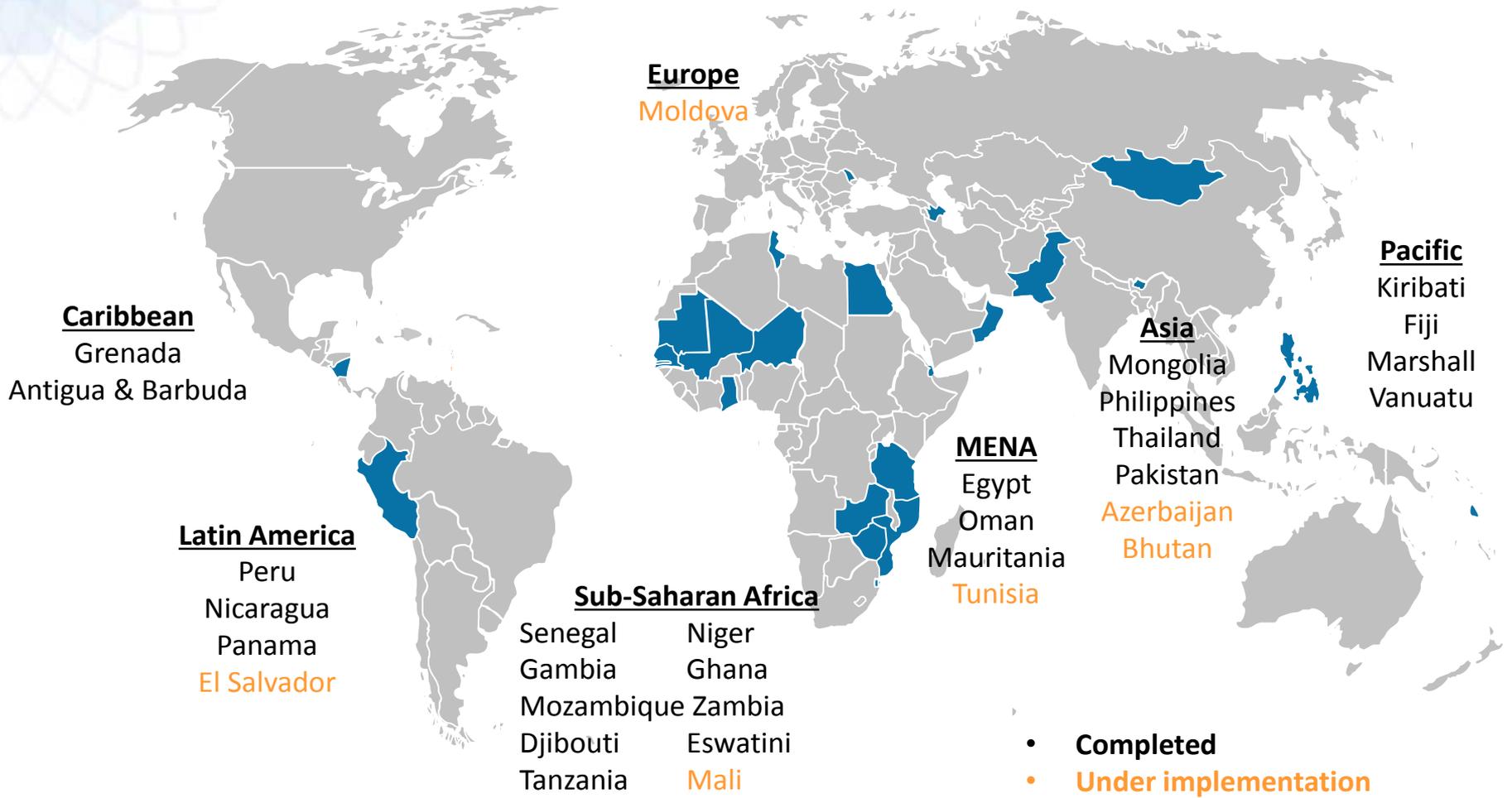
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- Comprehensive assessment of the on-ground situation for RE deployment
 - Identification of obstacles hindering accelerated deployment
 - Recommendation of short / medium-term actions

RRA - Approach

- It is the backbone of IRENA's country level engagement and is initiated upon a request from a country.
- Country-initiated, country-led process facilitated by IRENA
- Inclusive and multi-stakeholder process promoting consensus
- Process establishing a basis for future collaboration



30+ Country Assessments



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

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 master plan

MOZAMBIQUE

Investment workshop

**DJIBOUTI
OMAN**

Project development &
Statistics

**ANTIGUA
& BARBUDA**

Grid stability study

Post-RRA support from other Partners

| Country | Partner | Area of Support |
|----------|-----------------------------------|---|
| Mongolia | Asian Development Bank | Feasibility study on the Asian Super Grid |
| Djibouti | USAID | RRA as basis for Geothermal intervention |
| Senegal | World Bank | Strategy and action plan for renewables |
| | European Union | Certification |
| Vanuatu | The World Bank and GGGI | Access |
| | GGGI | Off-Grid for tourism |
| Niger | World Bank, AfDB and Power Africa | Mini-grid concessions |

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

Phase
1

Demonstration of
intent by the
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Detailed country
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Validation

Phase
4

Implementation of
recommendations
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

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

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

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

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

4 phases of the RRA process

Phase
1

Demonstration of
intent by the
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Phase
2

Detailed country
assessment and
consultation

Phase
3

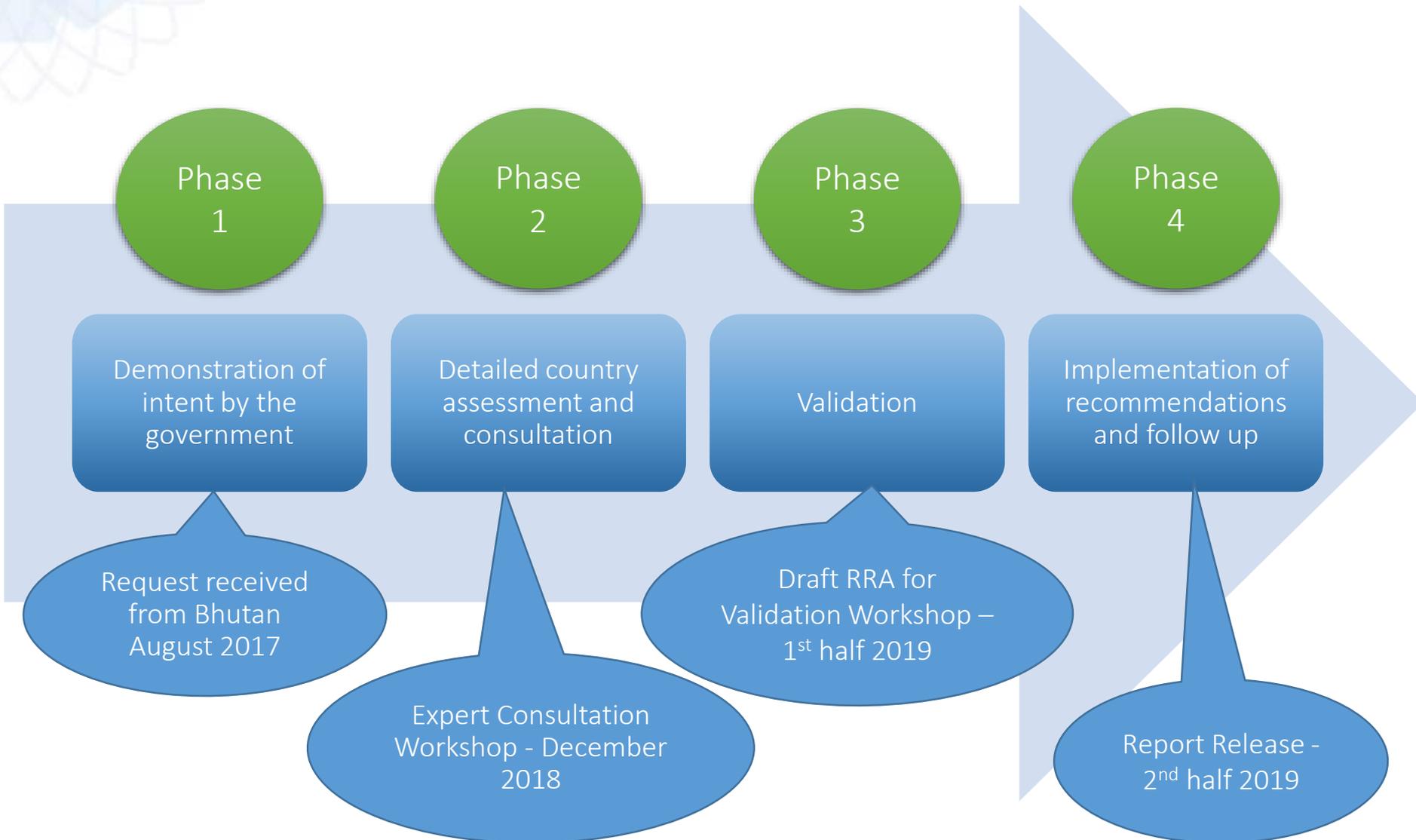
Validation

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



Key Factors for a successful RRA

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
- IRENA for post-RRA advisory and capacity building support



IRENA

International Renewable Energy Agency



Thank you

