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

Latin America
- Peru
- Nicaragua
- Panama

Caribbean
- Grenada
- Antigua & Barbuda

Sub-Saharan Africa
- Senegal
- Gambia
- Mozambique
- Zambia
- Djibouti
- Tanzania
- Mali
- Niger
- Ghana
- Swaziland
- Zimbabwe
- Botswana

Europe
- Moldova

MENA
- Oman
- Mauritania
- Tunisia
- Egypt*
- Lebanon*
- Jordan*

Asia
- Mongolia
- Philippines
- Thailand*
- Pakistan
- Azerbaijan
- Bhutan

Pacific
- Kiribati
- Fiji
- Marshall
- Vanuatu

• 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
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

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

Detailed country assessment and consultation

Validation

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

1. Demonstration of intent by the government
2. Detailed country assessment and consultation
3. Validation
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

Phase 1: Demonstration of intent by the government
- Request received from Azerbaijan - September 2017

Phase 2: Detailed country assessment and consultation
- Background and Discussion Paper prepared for Expert Consultation Workshop - May 2018

Phase 3: Validation
- Draft RRA for Validation Workshop – September/October 2018 (TBC)

Phase 4: Implementation of recommendations and follow up
- Report Release - Q1 2019 (TBC)
## Post-RRA support from IRENA

<table>
<thead>
<tr>
<th>Country</th>
<th>Services</th>
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<tbody>
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<td>PERU</td>
<td>Solar and wind suitability mapping</td>
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<td>MAURITANIA</td>
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<td>MOZAMBIQUE</td>
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## Post-RRA support from other Partners

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<th>Area of Support</th>
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<td>Feasibility study on the Asian Super Grid</td>
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<td>Senegal</td>
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<td>Vanuatu</td>
<td>European Union, The World Bank and GGGI, GGGI</td>
<td>Certification, Access, Off-Grid for tourism</td>
</tr>
<tr>
<td>Niger</td>
<td>World Bank, AfDB and Power Africa</td>
<td>Mini-grid concessions</td>
</tr>
</tbody>
</table>
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

**PERU**
- Renewable Energy Law
- Auction Reforms

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

**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
Thank you