



Renewable Energy Integration (REI) Program Independent Expert Group (IEG) Report

Presented at the
First Meeting of the Global Climate Action Programs (GCAP) Sub-Committee
Washington D.C. (Virtual)
Thursday, October 14, 2021
8:15 – 10:15

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- Introduction
- The CIF REI Expressions of Interest (Eols)
- Eol Assessment Process and Methodology
- Recommended Ranked List of Eols
- Remarks on the List
- Final Comments



**CIF REI
Program
Independent
Expert Group
(IEG) Members**

**Oscar Coto, Costa Rica
(Co-Chair)**

Richard Hosier, USA

**Peggy Mischke, Germany
(Co-Chair)**

Amrit Man Nakarmi, Nepal

Engedasew Negash
Habtemichael, Ethiopia

Christine Wörlen, Germany
(Rapporteur)

The IEG Report

A ranked list of EoIs from eligible countries for the CIF Renewable Energy Integration (REI) program

Relevant methodological notes and justification that led to the proposed ranking

Assessment of key issues and shortcomings possibly encountered in the assessment process and recommendations for improvements

Concluding remarks on the recommended ranked list

List of stakeholders consulted

Timeline of the Assessment Process

- CIF AU IEG introductory meeting (*on August 25*)
- Eol scorecard development and dry testing (*from August 27*)
- Eol assessment process (*from September 3*)
- Preparation and review of IEG report (*from September 13*)
- Submission of the draft final IEG report for comments (*on September 22*)
- Submission of final IEG report for comments (*on September 30*)
- Presentation of results at GCAP Sub-Committee meeting (*on October 14*)

Submission of Eols from 60 countries

**50 Eols
from individual
countries**

**4 Eols from Regional
Programs
covering 22 countries**



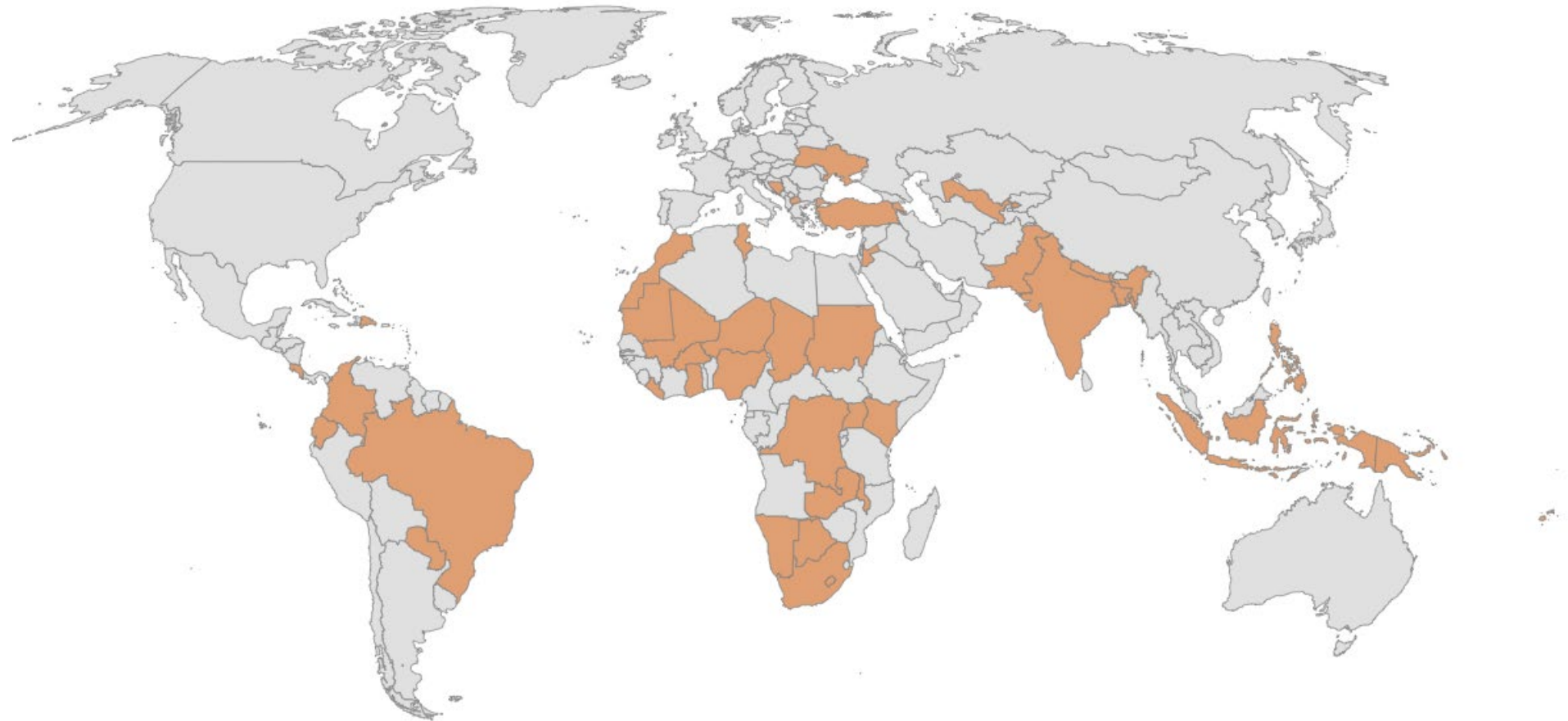
*Eol
“package”:
official
letter(s),
the REI Eol
template,
optional:
supporting
annexes.*

Country-Specific Eols

**Armenia – Azerbaijan – Bangladesh – Bosnia and Herzegovina –
Botswana – Brazil – Burkina Faso – Chad – Colombia – Costa Rica –
Democratic Republic of the Congo – Dominican Republic – Ecuador
– Fiji – Ghana – India – Indonesia – Jordan – Kazakhstan – Kenya –
Lesotho – Liberia – Malawi – Maldives – Mali – Mauritania –
Morocco – Namibia – Nepal – Niger – Nigeria – North Macedonia –
Pakistan – Papua New Guinea – Paraguay – Philippines – Sao Tome
and Principe – Sierra Leone – Solomon Islands – South Africa – Sri
Lanka – Sudan – Tonga – Tunisia – Turkey – Tuvalu – Uganda –
Ukraine – Uzbekistan – Zambia**

*Disclaimer: Country names are aligned to ISO code and were provided by the CIF AU.
Country names in alphabetical order.*

Geographic Distribution of Country-Specific Eols



Disclaimer: The IEG does not intend to make any judgments as to the legal or other status of any territory or area on this map.

Geographical Distribution of Regional Program Eols

Eastern Caribbean

Antigua and Barbuda - Dominica – Grenada – Saint Lucia – Saint Vincent and the Grenadines

Pacific Islands

Kiribati – Tonga – Tuvalu

RELAC

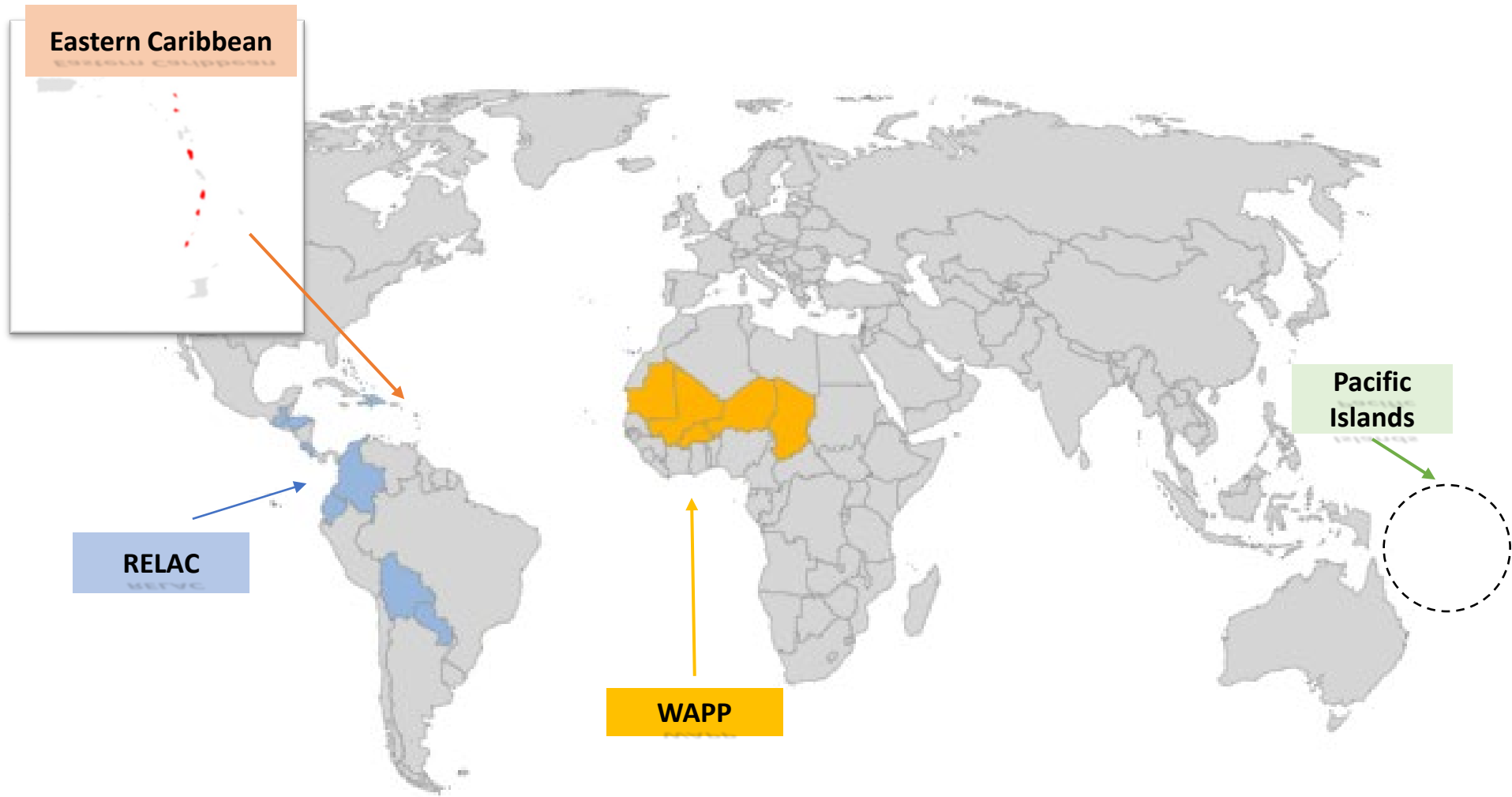
Bolivia – Colombia – Costa Rica – Dominican Republic – Ecuador – Guatemala – Haiti – Honduras – Paraguay

West-African Power Pool (WAPP)

Burkina Faso – Chad – Mauritania – Mali – Niger

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Geographic Distribution of Regional Program Eols



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Eol Assessment Process and Methodology

1. Assessment Process
 2. Methodological Approaches
-

Eol Assessment Process

Responsive to:

- Timeline
- CIF defined criteria and weights
- Overall number of Eols

5. Recommendation
of a Ranked List

4. Scorecard reconciliation

3. Second round based on threshold

2. First round to all Eols

1. Scorecard development



Methodological Approaches (1)

Scorecard development

- CIF over arching criteria (OC) and relative weights
- REIP- specific CIF guidance on OC1 and OC3
- From 7 OC into 22 sub criteria (SC)
- Scorecard language and metrics developed
- Same scorecard template used for country-specific as well as regional Eols
- Dry run on 6 Eols
- Fine tuning of scorecard
- Scorecard tracking and information management

First round assessment to all Eols

- All 54 Eols assessed based on the Eol package including attachments and linked documents
- 9 Eols per IEG member
- Assignment of country at random but no body was allowed to review his/her own country
- Avoidance of Conflicts of Interest for IEG members
- Consensus on selection of a threshold for decisions on which Eols were to go to second tier assessment
- 22 Eols targeted (40.7%)
- For 7 Eols (12.9%) a second review would not have likely changed their inclusion in the ranking, therefore 15 Eols (27.7%) went to second assessment

Methodological Approaches (2)

Second round assessment based on threshold

- Second assessment done on 15 Eols
- Different IEG member assigned (experience in country or region)
- 4 IEG members participated since the other 2 had started work on report preparation

Scorecard reconciliation

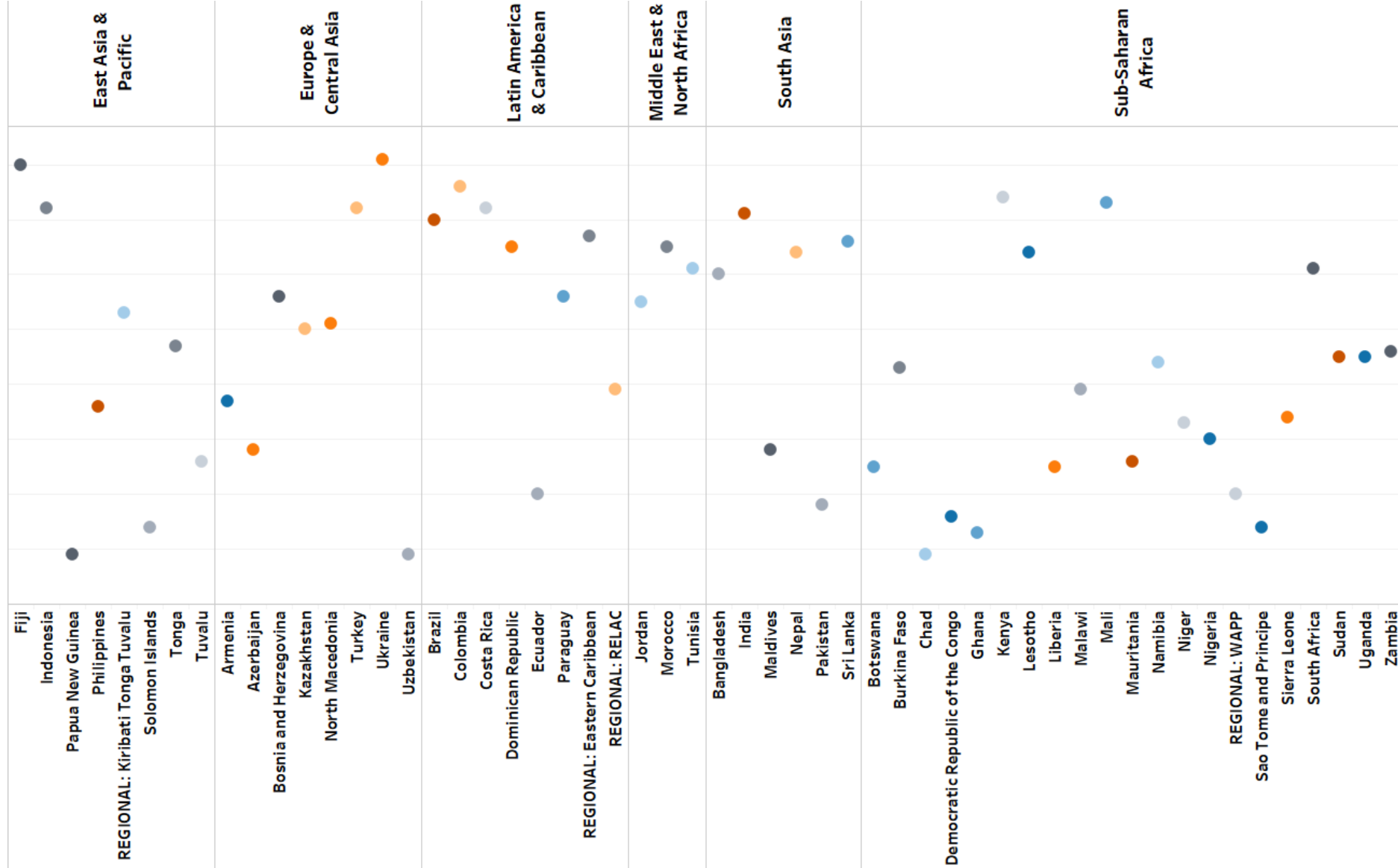
- Sessions conducted by the two IEG members involved in both scorecards
- Review done at the micro level of sub criteria
- Technical discussions/critical debate
- Consensus reaching on a final joint scorecard for each Eol
- Reconciliation led to either higher or lower results
- Reconciliation by averaging scores happened only in 1/15 Eols

Methodological Approaches (3)

Recommended Ranked List

- IEG integrates results from reconciliation stage.
- Discussion on the threshold for number of Eols the IEG considers for recommendation.
- Recommended ranked list defined by final score out of the reconciliation stage.
- 19 Eols are recommended (3 are dropped from the 22).
- Preparation of information on Eols (radar diagrams, SWOR analysis).
- Discussions and integration on remarks regarding issues and challenges confronted in the assessment process.

First Round Assessment of Eols by Region



Recommended Ranked List of Eols



Recommended Ranked List of Eols

Eol	Total Score (max 100)
Ukraine	81
Fiji	80
Colombia	76
Kenya	74
Mali	73
Costa Rica	72
Indonesia	72
Turkey	72
India	71
Brazil	70

Eol	Total Score (max 100)
Regional: Eastern Caribbean (5 SIDS)	66.5
Sri Lanka	66
Dominican Republic	65
Morocco	65
Nepal	64
Lesotho	64
South Africa	61
Tunisia	61
Bangladesh	60

Recommended portfolio: 23 out of 60 countries

Number of countries recommended by geographic region

2 out of 8 countries in **Europe and Central Asia**

4 out of 20 countries in **Sub Saharan Africa**

9 out of 15 countries in **Latin America and the Caribbean**

2 out of 3 countries in **Middle East and North Africa**

2 out of 8 countries in **East Asia and Pacific**

4 out of 6 countries in **South Asia**

Number of countries recommended:

7 out of 15 **Small Island Developing States (SIDS)**

4 out of 18 **Least Developed Countries (LDCs)**

1 out of 10 **Low-Income countries (LICs)**

10 out of 24 **Lower Middle-Income Countries (LMICs)**

Geographic distribution and total scores of the recommended ranked list

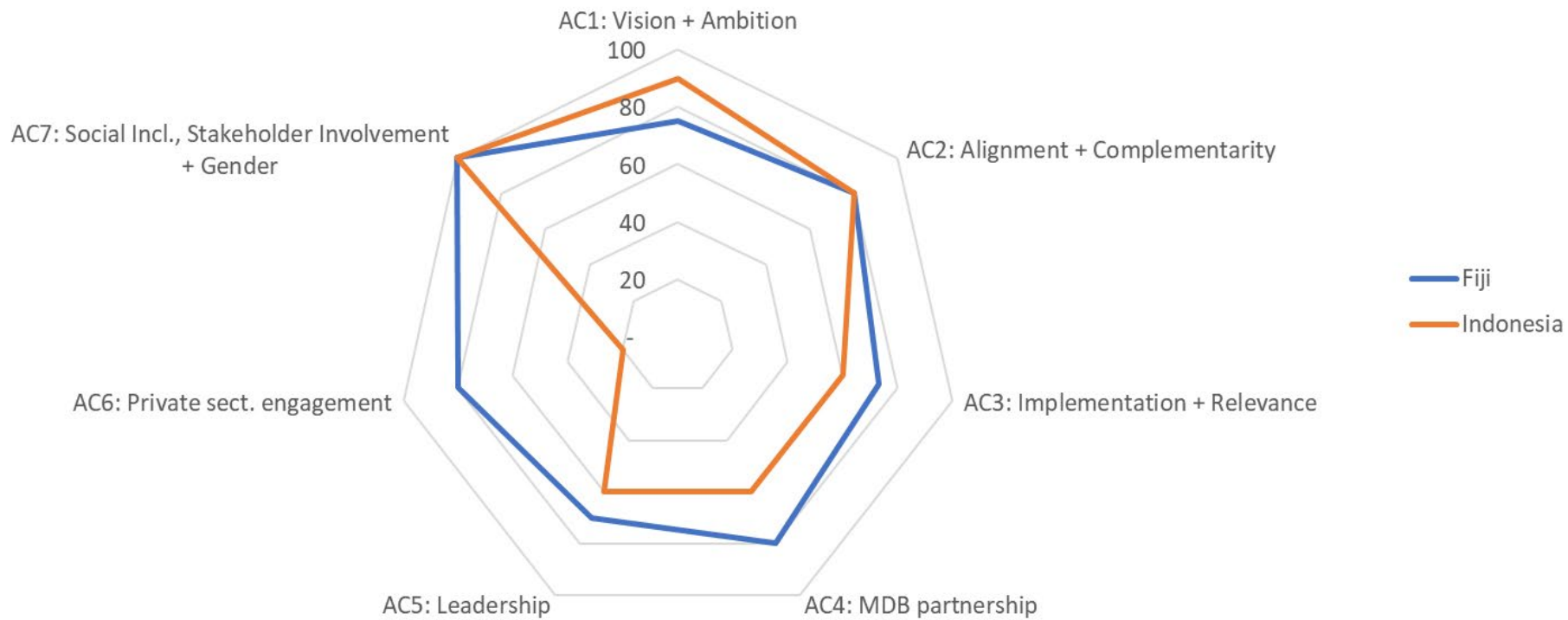


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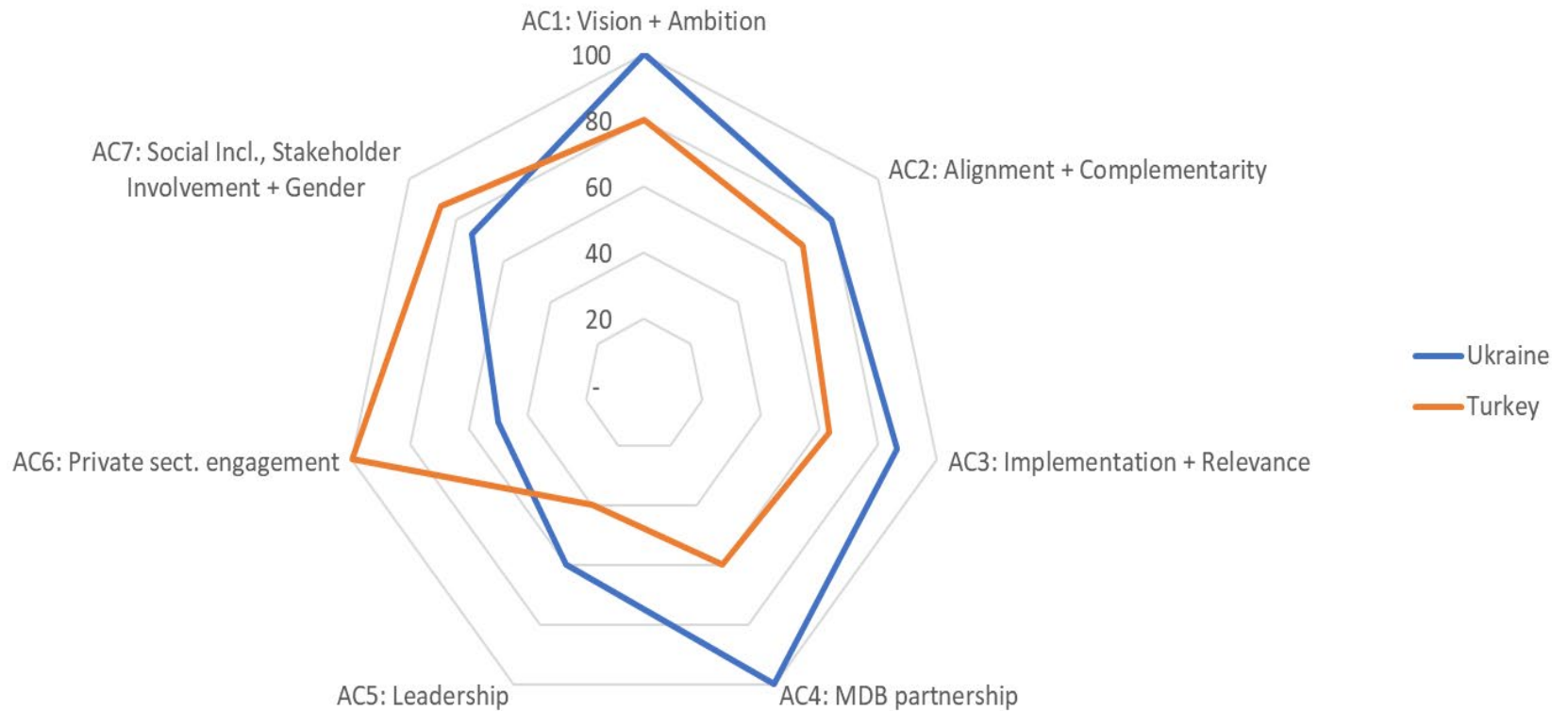
Remarks on the Recommended Ranked List



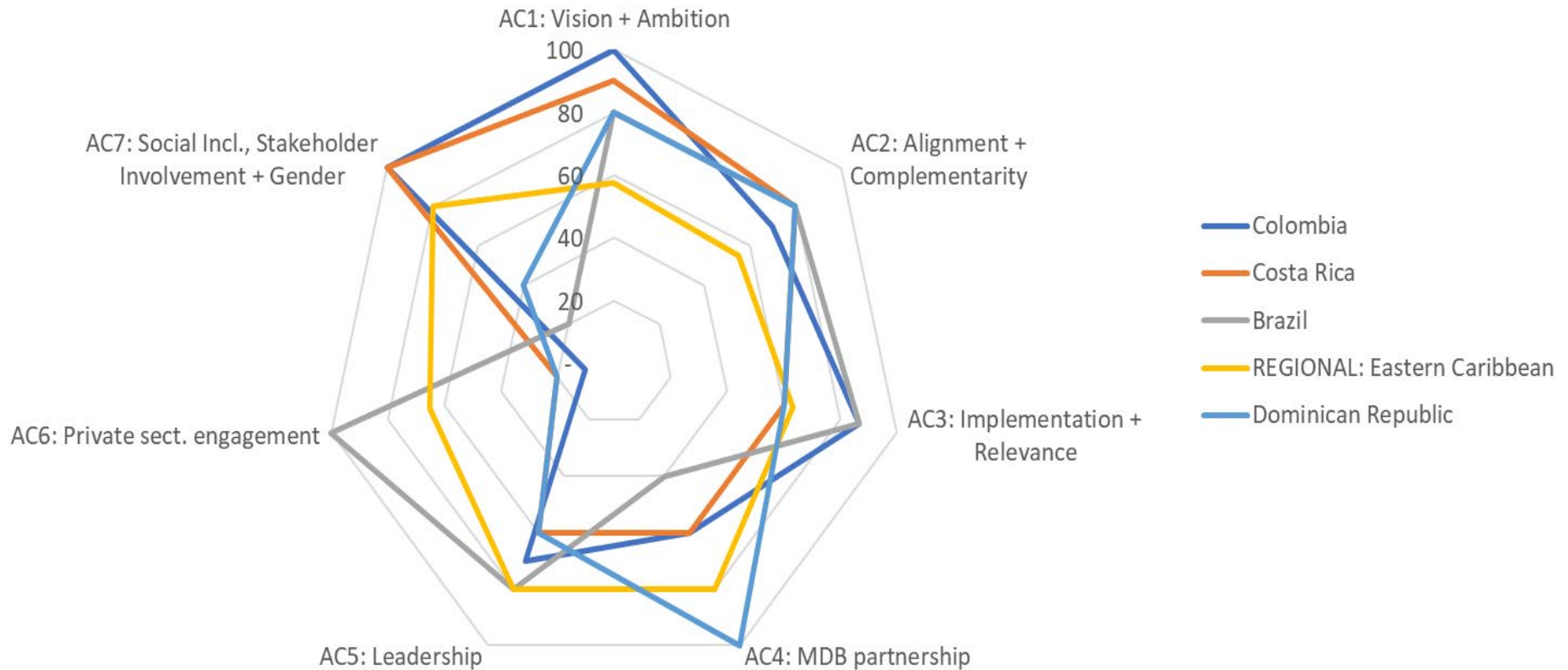
East Asia and Pacific



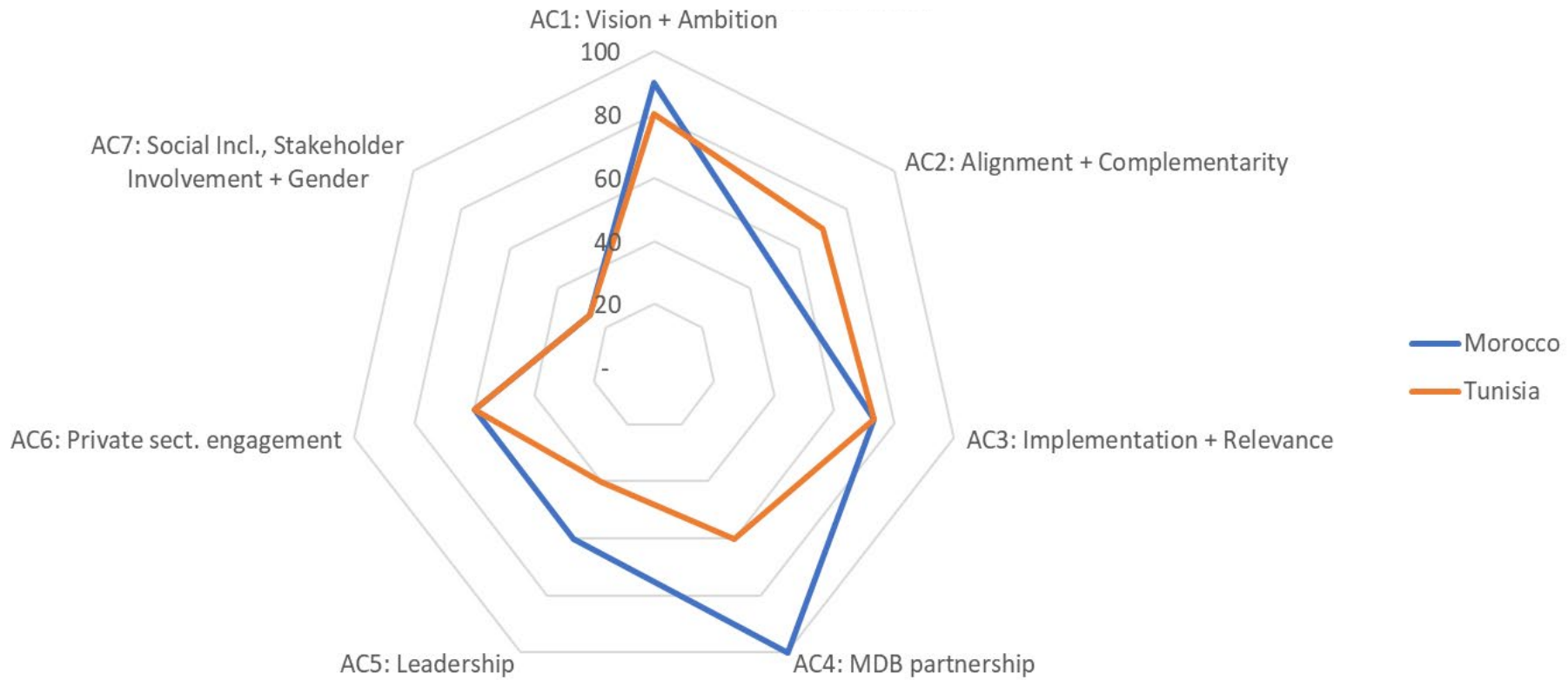
Europe and Central Asia



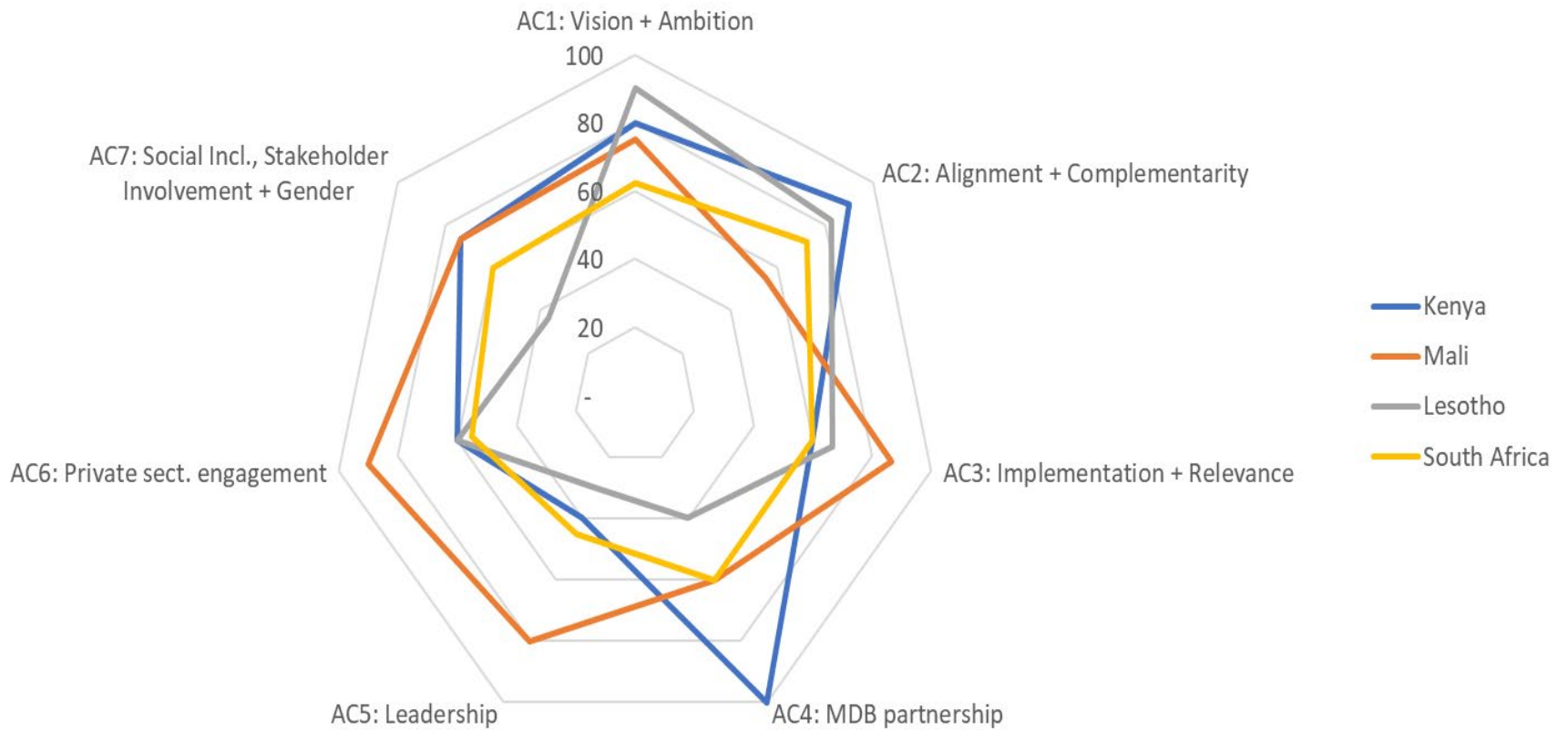
Latin America and Caribbean



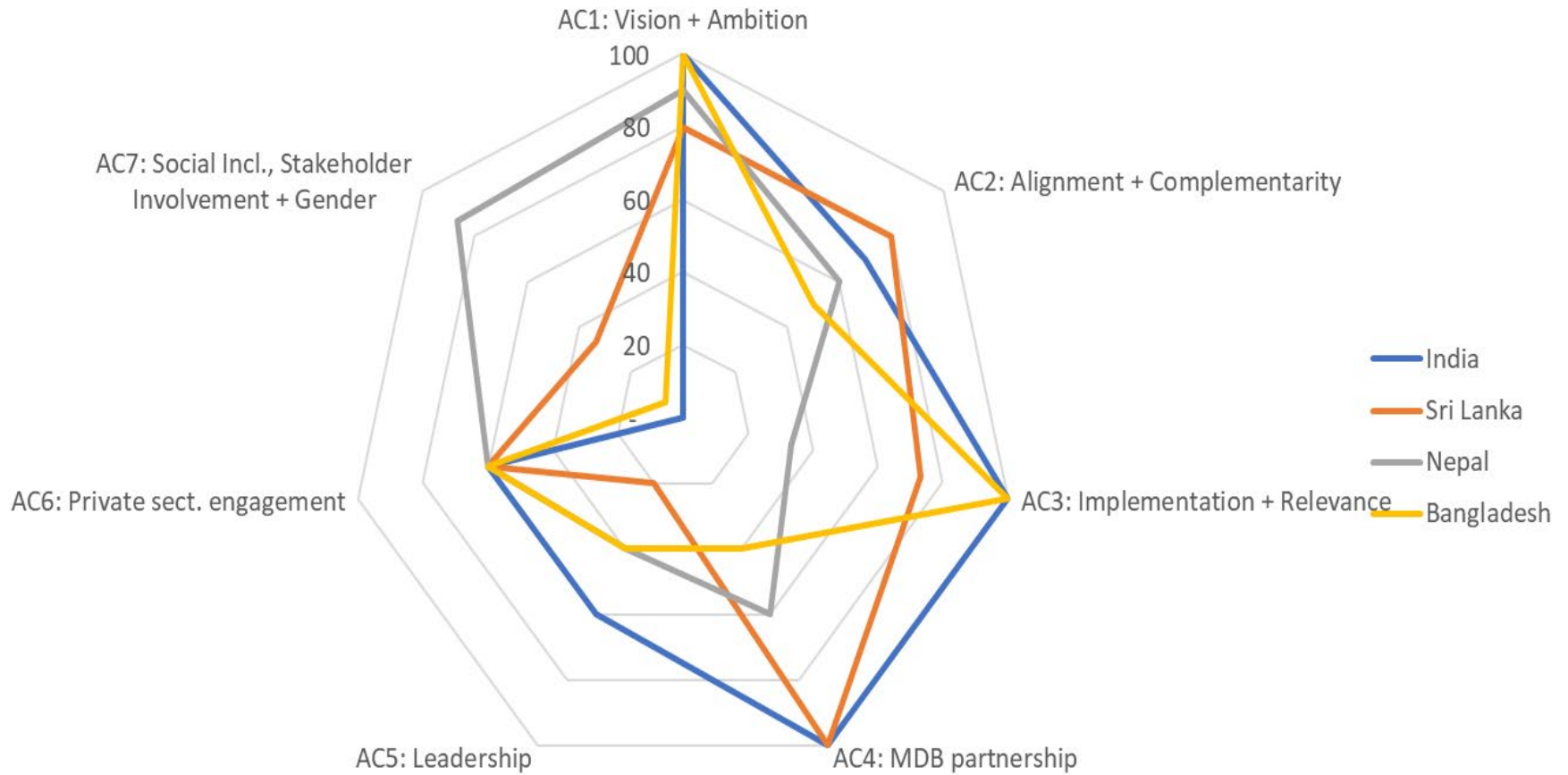
Middle East and North Africa



Sub-Saharan Africa



South Asia



Strengths

For example:

energy system planning, country targets, initial pipeline of investments

Weaknesses

For example:

Integrated planning and modelling, finance strategies, technology eligibility

Initial SWOR analysis

Opportunities

For example:

technology portfolio, likelihood of transformational change, stakeholder inclusion, MDB alignment

Risks


For example:

readiness, implementation delays, complexity, interface issues, country risks

Disclaimer: Initial IEG remarks on the recommended ranked list, reached in consensus.

Final Comments

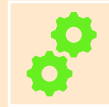




Key Issues and Challenges encountered by the IEG



Matching EoI template and assessment criteria.



Technical challenges in the review process.



Evaluation challenges.



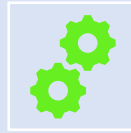
Thematic recommendations.



Recommendations from the IEG



Increase monitoring and stakeholder exchanges towards REI Investment Plans.



Improve the digital work environment and tools for future assessments.



Clarify further key CIF REI operational aspects.



Fine-tune REI guidance, share best practices and allow for learning.

The background image shows an industrial facility, possibly a power plant or refinery, with large, curved pipes and a tall tower structure. The sky is filled with white clouds. The entire image has a warm, orange-yellow color cast.

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(GCAP) Sub-Committee
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Thank you for your attention!
Your questions and comments are welcome