Aligning adaptation M&E systems with emerging global reporting requirements under the Paris Agreement

Neha Rai, IIED

23.04.2020

FAO webinar
UNFCCC Paris Agreement and the Enhanced Transparency Framework

Paris agreement:

- Global response to climate change by keeping a global temp below 2 degree celsius & even further to 1.5

Enhanced Transparency Framework (Article 13)

Global Goal on adaptation (article 7)

Chap 4 of Modalities, Procedures and Guidelines (MPGs)

- Additionally, strengthen countries to deal with the climate change impacts.
Paris Agreement and the Enhanced Transparency Framework (ETF)

ETF
- Article 13 of the PA establishes the ETF for action and support.
- Adaptation reporting in developing countries could be done through Biannual Transparency Reports (BTRs) and Adaptation communications (AC)
- BTR and ACs will inform the Global Stock take (art 14) in 2024

Paris agreement

Enhanced Transparency Framework (Article 13)

Global Goal on adaptation (article 7)

Chap 4 of Modalities, Procedures and Guidelines (MPGs)
Global RMFs & National Systems

Neha Rai and Barry Smith

Outcomes

Impact

Outputs

Rai, et al. 2019 and BRACED ToC

Paris agreement

Enhanced Transparency Framework (Art 13)

Global Goal on adaptation (article 7)

Chap 4 in MPGs

Institutional capacity

Better investment decisions

ADAPTATION PERFORMANCE

DEVELOPMENT PERFORMANCE

Reduced vulnerability

Adaptive capacity

Improved resilience

Improved human well-being (e.g. nutrition)

Reduced losses & damages (e.g. climate-related mortality)

CLIMATE SHOCKS & STRESSES

No of water sources constructed for livestock

No of livestock with access to water in dry season

Change in number of livestock in extreme climate stress

Rai, et al 2019 and BRACED ToC
Contents of the MPGs
1. Introduction
2. National inventory report of anthropogenic emissions
3. Information necessary to track progress made in implementing and achieving NDCs.
4. Information related to climate change impacts & adaptation under Article 7
5. Information on financial, technology development and transfer and capacity-building support provided and mobilized
6. Information on financial, technology development and transfer and capacity-building support needed and received
7. Technical Expert Review
8. Facilitative, multilateral consideration of progress.
## Chapter 1V. Climate change impacts and Adaptation

<table>
<thead>
<tr>
<th>Adaptation information needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) National circumstances, institutional arrangements and legal frameworks relevant to adaptation</td>
</tr>
<tr>
<td>2) Impacts, risks and vulnerabilities</td>
</tr>
<tr>
<td>3) Adaptation priorities and barriers</td>
</tr>
<tr>
<td>4) Adaptation strategies, policies, plans, goals and actions to integrate adaptation into national policies and strategies</td>
</tr>
<tr>
<td>5) Progress on implementation of adaptation</td>
</tr>
<tr>
<td>6) M&amp;E of adaptation actions &amp; processes</td>
</tr>
<tr>
<td>7) Info related to averting, minimising and addressing loss and damage associated with climate change impacts.</td>
</tr>
<tr>
<td>8) Cooperation, good practices, experience and lessons learned</td>
</tr>
<tr>
<td>9) Any other info related to impacts &amp; adaptation</td>
</tr>
</tbody>
</table>
# How can we use existing tools & frameworks to report against adaptation information needs

<table>
<thead>
<tr>
<th>Adaptation information needs</th>
<th>Potential tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) National circumstances, institutional arrangements and legal frameworks</td>
<td>MOSAICC</td>
</tr>
<tr>
<td>2) Impacts, risks and vulnerabilities</td>
<td>SHARP, MOSAICC</td>
</tr>
<tr>
<td>3) Adaptation priorities and barriers</td>
<td>SHARP</td>
</tr>
<tr>
<td>4) Adaptation strategies, policies, plans, goals and actions</td>
<td>TAMD, Cambodia, Kenya</td>
</tr>
<tr>
<td>5) Progress on implementation</td>
<td>TAMD</td>
</tr>
<tr>
<td>6) M&amp;E of adaptation actions &amp; processes</td>
<td>FAO/UNDP Guidance Note, TAMD, Cambodia, Kenya</td>
</tr>
<tr>
<td>7) Info related to loss and damage</td>
<td>TAMD, Cambodia, Sharp</td>
</tr>
<tr>
<td>8) Cooperation, good practices, experience and lessons learned</td>
<td>TAMD, Cambodia, Kenya</td>
</tr>
<tr>
<td>9) Any other info</td>
<td></td>
</tr>
</tbody>
</table>

---

*SHARP, TAMD, MOSAICC, FAO/UNDP Guidance Note, FAO Sendai C2 Indicator, Cambodia, Kenya*
## Aligning approaches with Article 7 principles

<table>
<thead>
<tr>
<th>Principles</th>
<th>IMPLICATIONS — WHAT DOES THIS MEAN IN PRACTICE?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Country driven</td>
<td></td>
</tr>
</tbody>
</table>
  - Adaptation plans, strategies, led, designed and developed by national stakeholders  
  - Adaptation actions and processes should support national priorities. |
| 2. Gender Responsive | Adaptation should address gender-differentiated risks, vulnerabilities and impacts |
| 3. Participatory & transparent | Adaptation planning, implementation should involve relevant stakeholders, and do so in a transparent manner |
| 4. Addressing vulnerabilities | Adaptation actions and processes should target the most vulnerable people, locations and systems (including ecosystems). |
| 5. Guided by best science & knowledge |  
  - Adaptation plans should be informed by scientific information  
  - Local and indigenous knowledge should be employed to understand risks |
| 6. Supportive of integration | Adaptation should support national development priorities, SDGs and be integrated into wider development plans |
Resources:

Framing and tracking 21st century climate adaptation
Monitoring, evaluation and learning for Paris, the SDGs and beyond

Nick Brooks, Simon Anderson, Illari Aragon, Barry Smith, Tracy Kajumba, Emilie Beauchamp, Stefano d’Errico and Neha Rai

Working Paper
November 2019

Assessing adaptation results
Aligning national M&E systems and global results frameworks

Neha Rai, Barry Smith and Nick Brooks

Issue Paper
May 2019
Thank you

Neha Rai

neha.rai@iied.org
Additional slides
| National circumstances, institutional arrangements & legal frameworks | National circumstances related to adaptation actions  
Institutional arrangements & governance (assessing impacts, decision making, planning, coordination, M&E)  
Legislative, policy, regulatory frameworks |
|---|---|
| Impacts, risks & vulnerabilities | Climate trends & hazards (current, projected)  
Observed & potential climate change impacts (sectoral, economic, social, environmental)  
Approaches, methodologies & tools & associated uncertainties & challenges |
### Chapter 1V.
Climate change impacts and Adaptation

<table>
<thead>
<tr>
<th>priorities &amp; barriers</th>
<th>strategies, policies, plans, goals, actions to integrate adaptation into national policies &amp; strategies</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Domestic priorities &amp; progress</td>
<td>• Actions in accordance with the adaptation global goal (art. 7(1) PA)</td>
</tr>
<tr>
<td>• Challenges, gaps, barriers to adaptation</td>
<td>• Goals, actions, objectives, efforts, plans, strategies, policies, efforts to build resilience</td>
</tr>
<tr>
<td></td>
<td>• Development priorities related to adaptation &amp; impacts</td>
</tr>
<tr>
<td></td>
<td>• Nature-based solutions to climate change adaptation</td>
</tr>
<tr>
<td></td>
<td>• Adaptation actions and/or economic diversification plans leading to mitigation co-benefits</td>
</tr>
<tr>
<td></td>
<td>• etc..</td>
</tr>
</tbody>
</table>
| M&E of adaptation actions & processes | • Information on domestic systems to monitor & evaluate the implementation of adaptation actions (current, under development)  
• Achievements, effectiveness, resilience, results, …  
• Approaches, indicators, assessment  
• Good practices, experiences, lessons learnt  
• etc…. |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Information on averting, minimizing & addressing loss and damage | • Observed & potential climate change impacts (incl. related to extreme weather events & slow onset events)  
• Activities related to averting, minimizing & addressing loss & damage  
• Institutional arrangements for the implementation of those activities |
## Chapter 1V.
Climate change impacts and Adaptation

### M&E of adaptation actions & processes
- Information on domestic systems to monitor & evaluate the implementation of adaptation actions (current, under development)
- Achievements, effectiveness, resilience, results, …
- Approaches, indicators, assessment
- Good practices, experiences, lessons learnt
- etc….

### Information on averting, minimizing & addressing loss and damage
- Observed & potential climate change impacts (incl. related to extreme weather events & slow onset events)
- Activities related to averting, minimizing & addressing loss & damage
- Institutional arrangements for the implementation of those activities