Session: Measuring progress of a Post-2015 Global Framework for DRR

Proposed indicator system for the post-2015 framework for disaster risk reduction

Part 1

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Global Policy Process – Emerging Goals

1) **risk prevention and the pursuit of development pathways that minimize disaster risk generation**

2) **risk reduction, i.e. actions to address existing accumulations of disaster risk**

3) **strengthened resilience, i.e. actions that enable nations and communities to absorb loss and damage, minimize impacts and bounce forward**
Pre-Zero Draft HFA2 – five global targets

1) reduce disaster mortality by [a given percentage in function of number of hazardous events] by 20[xx]

2) reduce the number of affected people by [a given percentage in function of number of hazardous events] by 20[xx]

3) reduce disaster economic loss by [a given percentage in function of number of hazardous events] by 20[xx]

4) reduce disaster damage to health and educational facilities by [a given percentage in function of number of hazardous events] by 20[xx]

5) increase number of countries with national and local strategies by [a given percentage] by 20[xx]
Why do we need to improve monitoring of progress?

<table>
<thead>
<tr>
<th>Current HFA monitor</th>
<th>Proposed</th>
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<tbody>
<tr>
<td><strong>1. Input</strong> rather than <strong>output</strong> focused</td>
<td>Link <strong>input</strong> indicators to outputs and outcomes</td>
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<tr>
<td>2. Does not measure generation of new risks</td>
<td>Measure not only <strong>risk reduction</strong> but also <strong>risk generation</strong> and resilience</td>
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<td>3. Progress not related to <strong>risk levels</strong> of country</td>
<td>Integrate <strong>risk levels</strong> in the system</td>
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<td><strong>4. Subjective</strong>, not allowing international benchmarking</td>
<td><strong>Objective</strong>, supporting peer to peer learning</td>
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<tr>
<td>Current HFA monitor</td>
<td>Proposed</td>
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<tr>
<td><strong>5. Core indicators</strong> related to multiple policies and stakeholders: Unclear responsibility and accountability</td>
<td>Refer to <strong>specific public policies</strong>, identifying stakeholders for each policy</td>
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<td><strong>6. No clear link to MDG and CC</strong></td>
<td>Provide clear links to <strong>SDGs and CC</strong></td>
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<td><strong>7. Not used for supporting decision making</strong></td>
<td>Help countries identify weak policy area by facilitating systematic understanding of disaster risk mechanism</td>
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Clarifying responsibilities of each stakeholder (Examples)

<table>
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<tr>
<th>Stakeholder</th>
<th>Public function protection</th>
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<tbody>
<tr>
<td>Education</td>
<td>✓ Risk assessment and retrofitting of every schools&lt;br&gt; ✓ Contingency planning at every schools</td>
</tr>
<tr>
<td>Health</td>
<td>✓ Risk assessment and retrofitting of every hospitals and health care facilities&lt;br&gt; ✓ Contingency planning</td>
</tr>
<tr>
<td>Urban Development</td>
<td>✓ Risk proof urban infrastructures&lt;br&gt; ✓ Risk proof building codes</td>
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<tr>
<td>Finance</td>
<td>✓ Catastrophic insurance to protect public finance&lt;br&gt; ✓ Support for hazard related property insurance to protect private assets</td>
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</tbody>
</table>
Examples of missing policies/issues in current HFA monitoring system

- Critical infrastructure protection
- Eco-system degradation
- Water management
- Cascading effect (in global economy)
- Cascading effect (in relation with other hazard)
- Crop insurance
Architecture of indicator system

INPUT

- Comprehensive DRM Policies

OUTPUT

- Disaster Risk
- Underlying Drivers of Risk and Resilience
- Social and Economic Resilience

OUTCOME

- Disaster Loss
- Disaster Impacts
Examples: Input-Output-Outcome

EWS Development Policy

Sufficient coverage?

% of population coverage of EWS

Can all people evacuate?

Disaster Loss Reduction
Targets and indicators

• **Outcome level:** globally comparable and objective targets and indicators:

• **Output level:** nationally defined targets and indicators, embedded in National Plan to implement the Post 2015 Framework on DRR:

• **Input level:** nationally appropriate public policy indicators

Propose integration of global Targets and Outcome indicators from Post 2015 Framework for DRR with DRR Targets in the SDGs.
Input level: Integrated Disaster risk management policies

Risk Governance

Reducing Existing Risk
- Risk sensitive public sector
- Risk sensitive private sector

Preventing New Risk
- Risk sensitive public sector
- Risk sensitive private sector

Strengthening Resilience
- Resilient public sector
- Resilient private sector
Outcome level: Resilient communities and nations

- **Success Indicator:** Decreasing loss over time (mortality, economic loss, loss of social infrastructure)
- **Data source:** global and national disaster loss databases
- **Sample global targets:** X% reduction in mortality and economic loss in Y years (political decision)
- **Linked:** to SDG indicators and targets
Implementation

• **Periodicity of monitoring:** every 4 years (suggested) linked to SDG periodicity

• **Dashboard:** each indicator family presented graphically highlighting progress towards targets

• **Peer review:** voluntary process involving groups of countries with similar challenges
Timeline for development

- **Q2-3 2014**: pilot testing of indicator system, briefings at Regional DRR platforms, consultations with UN systems and experts, consultations at Preparatory Committee I
- **Q3 2014**: Update of the proposal
- **Nov 2014**: Consultations at Preparatory Committee II for WCDRR
- **Q1 2015**: Adoption in the context of the Post 2015 Framework for DRR
Thank you very much

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