Monitoring the local level implementation of the Sendai Framework for DRR 2015-2030

Luca Rossi
United Nations Office for Disaster Risk Reduction Europe

16 March 2016, Prague, Czech Republic
Implementation of the 2030 agenda and achieving the SDGs towards the New Urban Agenda
Global multi-hazard average annual loss

Most frequently extensive events due to climatological and hydro-meteorological trigger;

Sendai Framework ([unisdr.org/we/coordinate/Sendai-framework](unisdr.org/we/coordinate/Sendai-framework))

- Focus on reducing existing disaster risks and avoiding creation of new ones
- Calls various measures to prevent and reduce hazard exposure and vulnerability, increase preparedness and recovery

“70% of the urban infrastructure that will exist in 2050 has not yet been built, so there is a significant opportunity to create new urban landscapes, both in new and existing cities that take into account urban ecology and resilience principles”.

Targets

Closely aligned with several SDG targets.

The proposed New Urban Agenda should adopt and implement the Sendai Framework, including development of national and local disaster risk reduction strategies.

Both the SDGs and the Sendai Framework principles and approaches to adaptation are fully embedded in the Paris Agreement on Climate Change (COP21).

Effective monitoring systems for the New Urban Agenda should be based on common indicators across the SDGs, the Paris Agreement on Climate Change, and the Sendai Framework, to the extent possible, in order to ensure effective use of reporting and reduce the burden on cities.
The “NEW” Local Urban Indicators”

• To enable cities to assess their resilience
• To support cities in establishing relevant Disaster Risk Reduction and Resilience strategy’s taking into account future risks and uncertainties,
• To support at the same time the implementation of the 2030 Agenda for Sustainable Development

• Based on the ‘Ten Essentials for Making Cities Resilient’
• Updated in line with the Sendai Framework for Disaster Risk Reduction (2015-2030)
• The process was informed by learning from the Local Government Self-Assessment tool (LGSAT) and Disaster Resilience Scorecard as well as from the cooperation with other ongoing initiatives such as the U SCORE Project
Aligned with the 2030 Agenda for Sustainable development

In particular the SDGs explicitly address cities in Goal 11: ‘Make cities and human settlements inclusive, safe, resilient and sustainable,’ and include related and inter-linked goals on sustainable consumption and production, poverty reduction, water management, and resilient infrastructure.

The three Habitat 3 Issue Papers 15, 16, and 17 identify the challenges to be met to achieve the SDGs and look carefully at the issues and opportunities of urbanization, including the effects of climate change on ecology and resilience.
“New” Local-Urban Indicators

- Characteristics
- Resilience Score (Outcome)
- Score by Sub-Indicator (Outcome)
- Specific Areas for Action
- Actions Required to Increase Resilience (Outputs)

New 10 Essentials

Indicators

- Sub-Indicators
- Sub-Indicators
- Sub-Indicators
- Sub-Indicators
- Sub-Indicators

Identify Gaps that need to be addressed

Specific Actions (Projects) required to address the gaps

Re-assessment to measure the impact of the actions

In support of the Sendai Framework for Disaster Risk Reduction 2015 - 2030
“New” Local-Urban indicators

Layer 0
8 indicators
Sendai Framework global targets and assist national reporting

Layer 1
22 indicators
To establish baseline and support implementation of four priorities. These focus on existence of policies, capacity, resources and actions.

Layer 2
77 indicators
To check effectiveness (accessibility, inclusiveness) of policies, capacity, resources and actions.

Layer 3
122 indicators
To identify the relevance, gaps and problems of policies, capacity, resources and actions taking into account current and future risks.

Option 1
30 total indicators

Option 2
107 total indicators

Option 3
229 total indicators

In support of the Sendai Framework for Disaster Risk Reduction 2015 - 2030
“New” Local-Urban indicators

<table>
<thead>
<tr>
<th>Getting Ready</th>
<th>Start Assessment</th>
<th>Workshop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appoint Focal Point</td>
<td>Conduct Interviews</td>
<td>Share Initial Results</td>
</tr>
<tr>
<td>Risk Assessment</td>
<td>Assimilate existing data</td>
<td>Gain Feedback &amp; verify</td>
</tr>
<tr>
<td>Stakeholder identification</td>
<td>Data Analysis</td>
<td></td>
</tr>
<tr>
<td>Identify data sources</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In support of the Sendai Framework for Disaster Risk Reduction 2015 - 2030
M&R Process

- Evaluation of LGSAT
- Disaster Resilience Scorecard released
- First experts meeting

2013-14

Q1-2: 2015

- Process defined to update 10 Essentials
- New Ten Essentials
- Leads established

Q3 2015

- U-Score project feedback to Scorecard
- Second experts meeting & draft indicators proposed

In support of the Sendai Framework for Disaster Risk Reduction 2015 - 2030
M&R: Next steps

- First Draft of new indicators
- Start of Pilots
  - Dec 2015

- Revision based on pilots
  - Mid 2016

- Online tool development

- Start of reporting
- 2021 next revision
  - End 2016
Common pool of indicators – multi-purpose

- Sendai M&R
- ISO 37121
- Climate change M&R
- SDG M&R
Contributions

U-S CORE Project
Managing Urban Risks in Europe:
Implementation of the City
Disaster Resilience Scorecard

In support of the Sendai Framework
for Disaster Risk Reduction 2015 - 2030
Linking opportunities with Mayors Adapt

Areas of interest:

- Local level risk assessments/ disaster loss databases
- Indicators development and M&R tools
- Local level DRR/CCA strategies and action plans
- Others
THANK YOU

CONTACTS:

If you have any questions, or if your city is interested then please contact one of the following:
Mr. Abhilash Panda
Urban Risk Reduction and Resilience
The Making Cities Resilient Campaign
The UN Office for Disaster Risk Reduction
Email: pandaa@un.org
Telephone: +41 22 917 8900

United Nations Office for Disaster Risk Reduction
UNISDR Regional Office for Europe
UN House, 14 Rue Montoyer
1000 Brussels, Belgium

isdr-europe@un.org
www.unisdr.org
www.unisdr.org/europe