

Adaptation M&E: Indicators, synergies and capacity needs

Expert meeting on national adaptation
goals/indicators and their links to SDGs & Sendai
UNFCCC Adaptation Committee, Tokyo, 25 July 2018

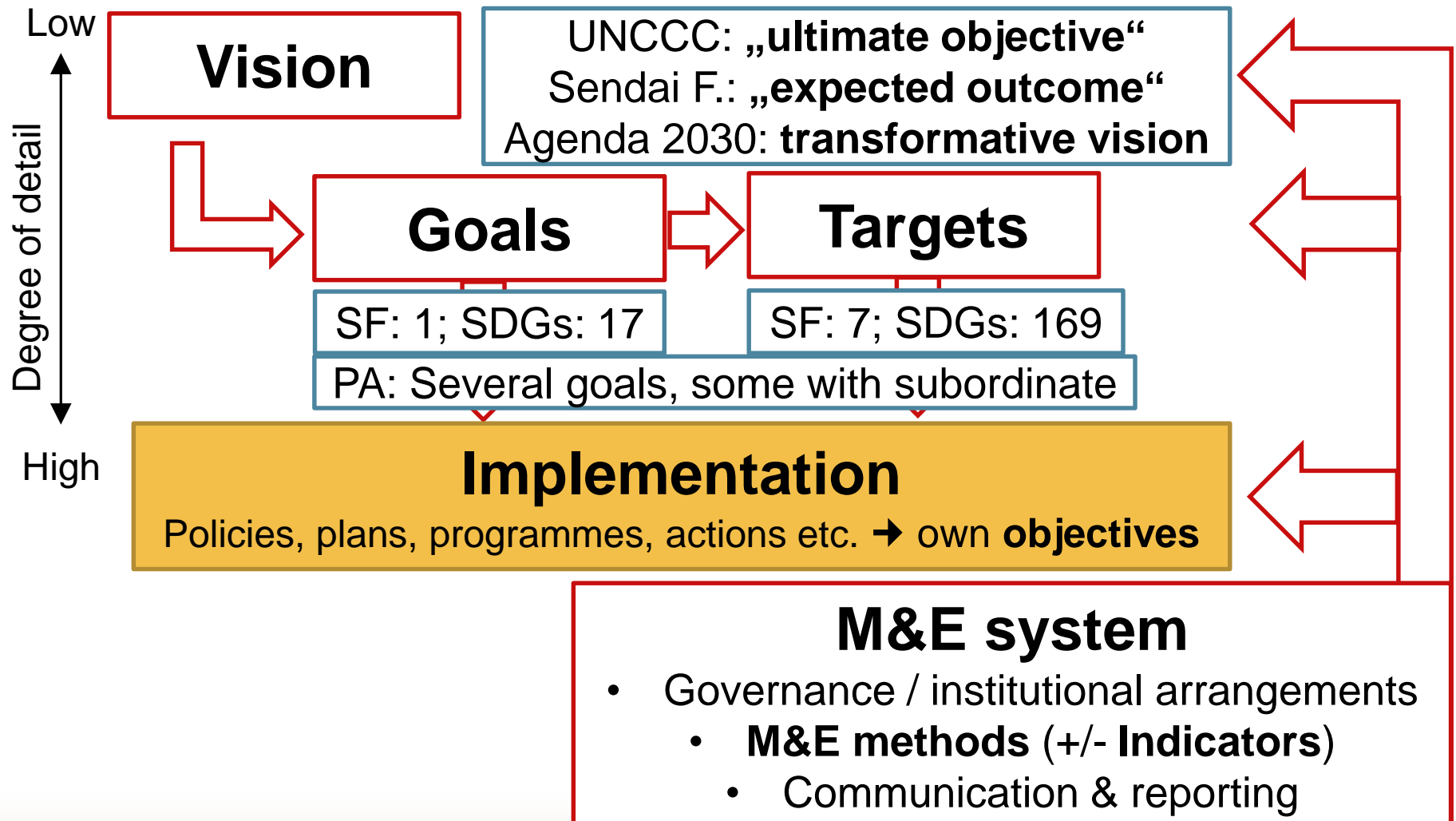
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 @TimoLeiter





A hierarchy of intentions





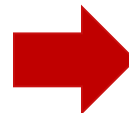
Open access
March 2018

Adaptation indicators

- Different purposes for M&E require different indicators
- There is **no global universal adaptation metric**
- Indicators need to be **specific to the purpose of M&E & context**
- Indicators have limitations: don't explain WHY or HOW change took place

Leiter, T. & Pringle, P. (2018):

- **Pitfalls and potential of measuring climate adaptation through adaptation metrics.**



Adaptation metrics: Perspectives on measuring, aggregating and comparing adaptation results

R^G ResearchGate

Pitfalls and potential of measuring climate change adaptation through adaptation metrics

Abstract

The newly selected program to design change adaptation indicators is being tested for global, national, and local levels, including the context of the Paris Agreement. Indicators are critical to monitor progress, as they provide an objective, measurable, and comparable way to track progress. The article discusses the challenges of measuring climate change adaptation and the implications for measuring progress in the context of the Paris Agreement. The article also discusses the challenges of measuring climate change adaptation and the implications for measuring progress in the context of the Paris Agreement.

UDP Perspectives series 2018 / 1



Country-specific adaptation M&E systems

Numerous countries are developing adaptation M&E systems

- Aim: better understanding of adaptation progress
- **> 40 countries** are developing adaptation M&E systems
- Some consider interlinkages to DRR (Sendai) and SDG monitoring



Challenges and capacity needs

- GIZ on behalf of the German government has supported several governments in the development of national adaptation M&E systems (for details: [GIZ's submission to UNFCCC 2017](#))



Common challenges

- Capacity on adaptation M&E
- Many actors involved: complex & time consuming
- Coordination across levels of government
- Availability and accessibility of data
- Data / IT infrastructure
- Interlinkage with existing/related M&E systems
- Resources to operationalize M&E

Call for submission on indicators of adaptation and resilience at the national and/or local level or for specific sectors¹

Submission to the UNFCCC Nairobi Work Programme by **giz** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Name of the organization or entity:
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Type of organization/entity:
Please choose as appropriate:

<input type="checkbox"/> Local government/ municipal authority	<input type="checkbox"/> Regional center/network/initiative
<input type="checkbox"/> Intergovernmental organization (IGO)	<input type="checkbox"/> Research institution
<input type="checkbox"/> National/public entity	<input type="checkbox"/> UN and affiliated organization
<input checked="" type="checkbox"/> Non-governmental organization (NGO)	<input type="checkbox"/> University/education/training organization
<input type="checkbox"/> Private sector	

Scale of operation:
 Local National

Specific sectors addressed:

<input type="checkbox"/> Adaptation finance	<input type="checkbox"/> Gender
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Health
<input type="checkbox"/> Biodiversity	<input type="checkbox"/> Heavy industry
<input type="checkbox"/> Community-based adaptation	<input type="checkbox"/> Human settlements
<input type="checkbox"/> Disaster risk reduction	<input type="checkbox"/> Indigenous and traditional knowledge
<input type="checkbox"/> Ecosystem-based adaptation	<input type="checkbox"/> Infrastructure
<input type="checkbox"/> Ecosystems	<input type="checkbox"/> Services
<input type="checkbox"/> Energy	<input type="checkbox"/> Tourism
<input type="checkbox"/> Food security	<input type="checkbox"/> Urban resilience
<input type="checkbox"/> Water resources	<input checked="" type="checkbox"/> Other (Please specify below): Any sectors covered by countries' or projects' M&E system.

City(ies)/Country(ies)/Region(s) of operation (if appropriate):

Global, and numerous national and sub-national cases (please see below).

¹ FCCC/SBSTA/2016/2, paragraph 18.
GIZ Submission on Adaptation Indicators to the Nairobi Work Programme 2017



Thank you very much for your attention!

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