

# Session 4: Disaster-related Statistics: Overview of International Frameworks and Guidelines

## Sendai Framework Monitor Global Targets and Indicators E-G

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**UNDRR**

UN Office for Disaster Risk Reduction

**UN**   
environment  
programme

  
**SENDAI FRAMEWORK**  
FOR DISASTER RISK REDUCTION 2015-2030





**Strategies**

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**Target E**



# Target E – National and local strategies

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**Target E :** Substantially increase the number of countries with national and local disaster risk reduction strategies **by 2020**

**E-1** Number of countries that adopt and implement **national** disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030.

**E-2** Percentage of local governments that adopt and implement **local** disaster risk reduction strategies in line with national strategies.







# International Cooperation & Investments

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Target F

# Target F – International cooperation and investments

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**Target F:** Substantially enhance **international cooperation to developing countries** through adequate and sustainable support to complement their national actions for implementation of the present Framework by 2030.”

- Highlight the **role of international cooperation** in accelerating the implementation of the Sendai Framework.
- **8 indicators** which measure progress in:
  - Financing (ODA)
  - Technology transfer
  - Capacity development



F-1 **Total official international support**, (official development assistance (ODA) plus other official flows), for national actions in disaster risk reduction.

F-2 Total official international support (ODA plus other official flows) for national actions in disaster risk reduction provided by **multilateral agencies**.

F-3 Total official international support (ODA plus other official flows) for national actions in disaster risk reduction **provided bilaterally**.

F-4 Total official international support (ODA plus other official flows) for the **transfer and exchange of technology** related to disaster risk reduction.

F-5 Number of international, regional and bilateral programmes and initiatives for the **transfer and exchange of science, technology** and innovation in disaster risk reduction for developing countries.

F-6 Total official international support (ODA plus other official flows) for **building capacity** in disaster risk reduction.

F-7 Number of international, regional and bilateral programmes and initiatives for **building capacity** in disaster risk reduction in developing countries.

F-8 Number of developing countries supported by international, regional and bilateral initiatives to strengthen their **statistical capacity** related to disaster risk reduction.

## 2 types of indicators

- Financial flows
- Number of programmes

## Disaggregation option

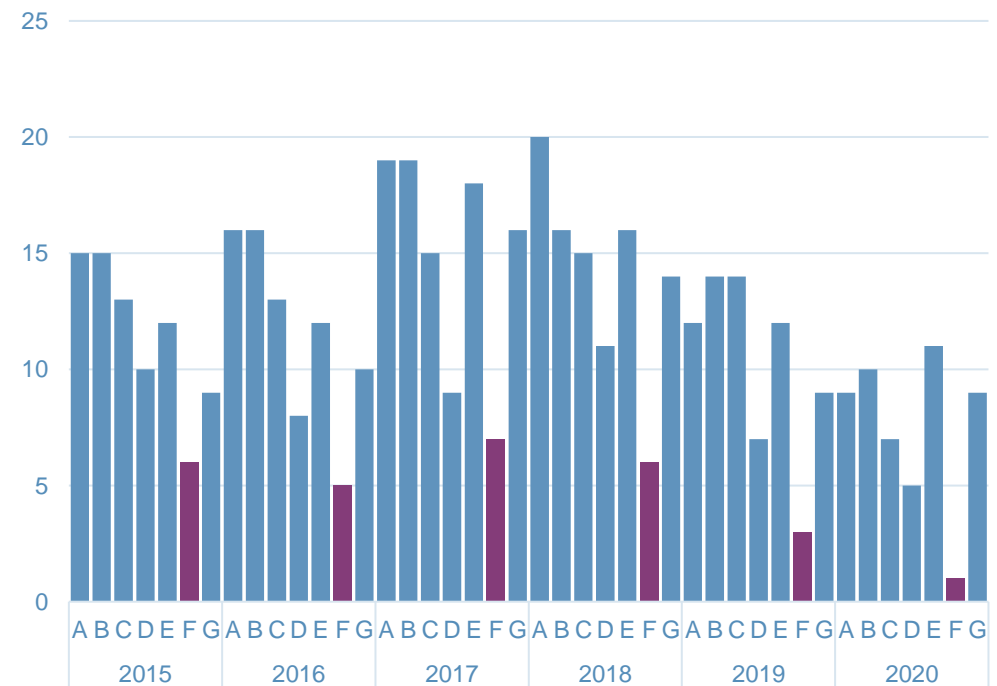
- Donor/Recipient
- Type of finance
- Type of support
- Sector

# Overview reporting on Target F

## Key messages

- Target F is the target **least reported on**
- Financial and technical support to DRR is increasing** according to the reports made over several years. More information is needed to understand why.

# of countries in SSA reporting per target and per year (2015-2020)







# Early Warning System

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**Target G**



# Target G – Early warning systems

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**Target G:** Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to the people by 2030.”

## Why ?

The capacity to issue early warnings is critical to DRR, because advance notification can **allow to significantly reduce and even prevent impacts on human lives, particularly losses in lives, livelihoods, economic assets** and damage to critical infrastructures.



# Indicators

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**G-1**  
(compound G2-G5) **Number of countries that have multi-hazard early warning systems.**

**G-2** Number of countries that have multi-hazard **monitoring and forecasting** systems.

Monitoring & Forecasting

**G-3** Number of **people per 100,000 that are covered by early warning information** through local governments or through national dissemination mechanisms.

Dissemination & Communication

**G-4** Percentage of **local governments** having a plan to act on early warnings.

Preparedness & Responses

**G-5** Number of countries that have accessible, understandable, usable and relevant **disaster risk information and assessment** available to the people at the national and local levels.

Understanding risk

**G-6** **Percentage of population exposed to or at risk from disasters protected through **pre-emptive evacuation** following early warning.**

**Indicators rely on self-assessment methods and quantitative data**

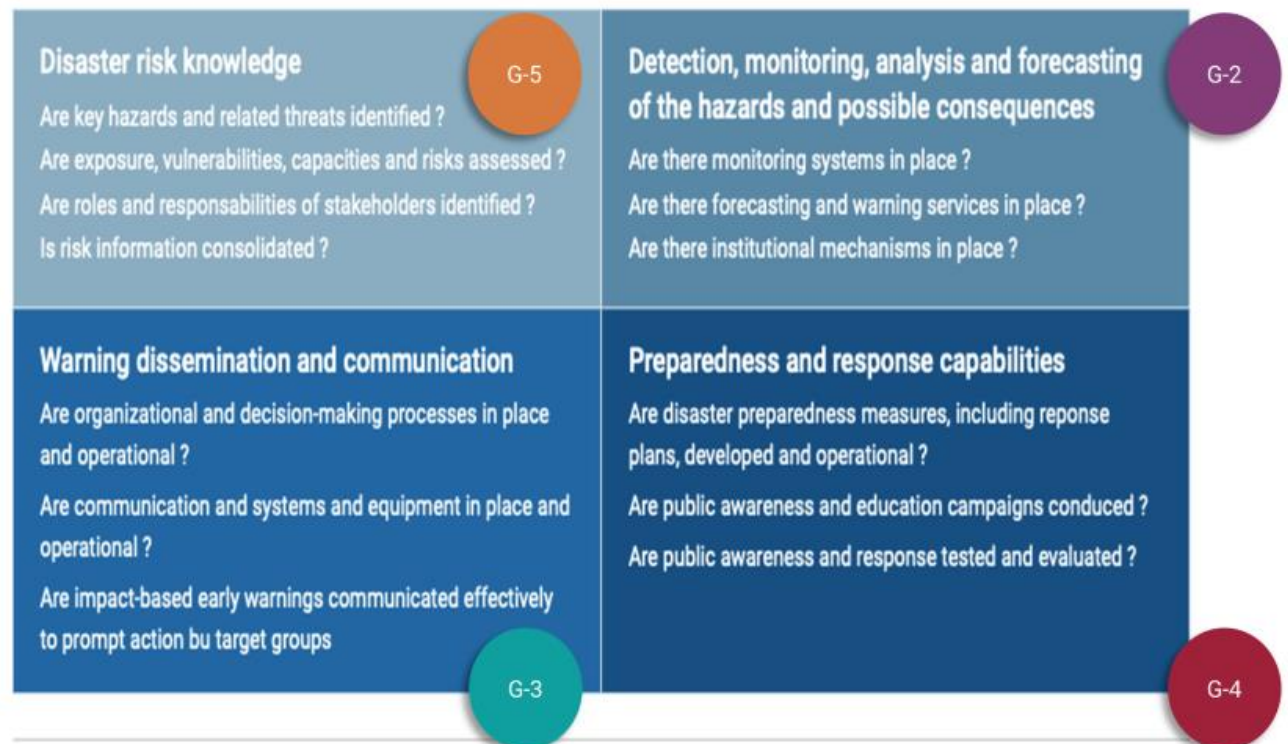


# Target G - How do we measure progress?

## How do we measure it?

**6 global indicators** which measure progress regarding **availability of and access to multi-hazard early warning systems and disaster risk information.**

## The 4 elements of a people-centered EWS promoted by the World Meteorological Organization (WMO)



Source: WMO, 2018

# Thank you for your attention