

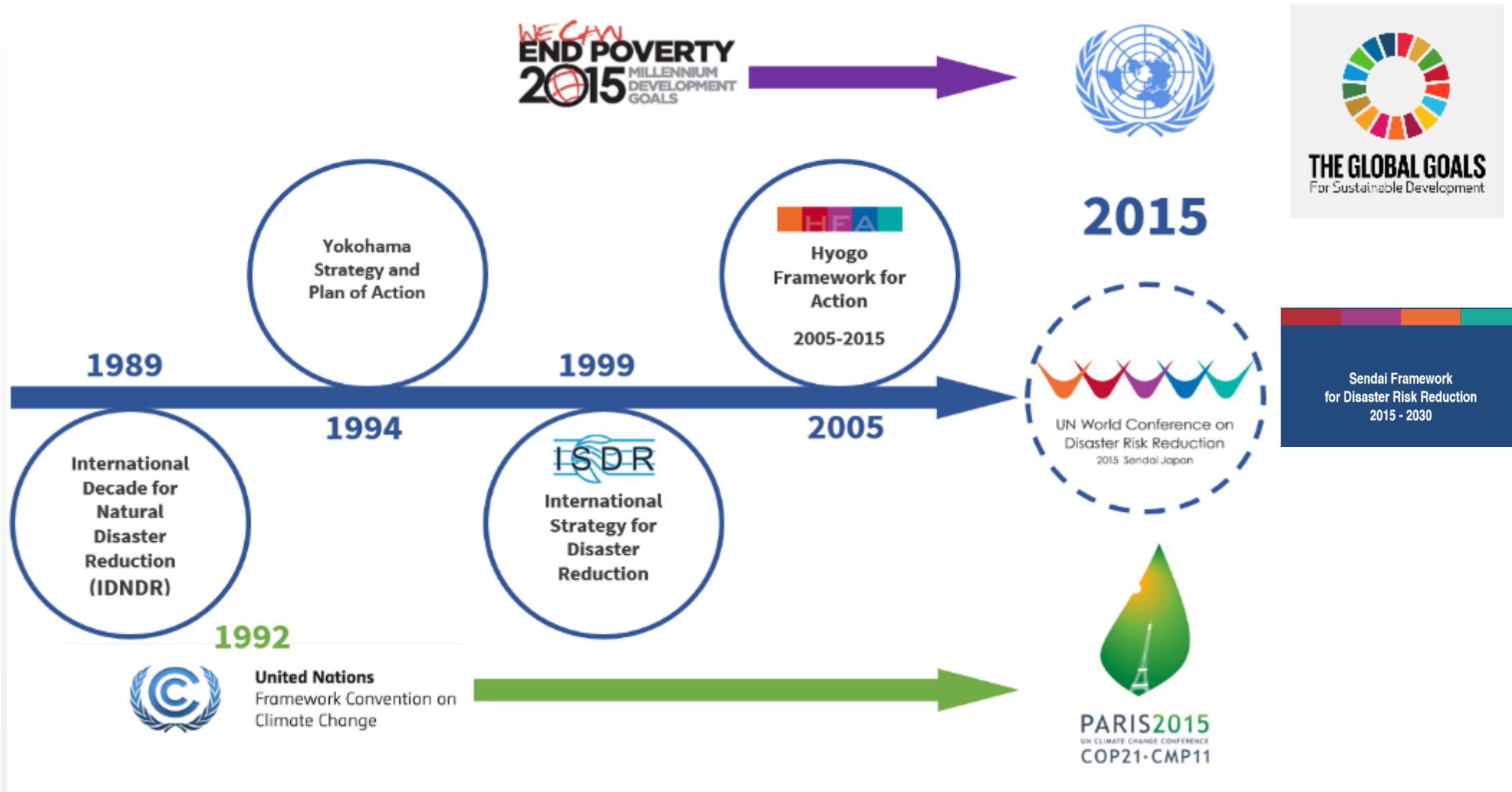
# Sendai Framework for Disaster Risk Reduction 2015-2030 & 2030 Agenda for Sustainable Development

## Integrated Monitoring & Reporting

United Nations Office for Disaster Risk Reduction (**UNISDR**)

In support of the Sendai Framework  
for Disaster Risk Reduction 2015 - 2030

# UNISDR: 25 years of international commitment to disaster risk reduction



# Paradigmatic shift

- From disaster management to disaster risk management.
- Preventive focus: reduce the creation of new, reduce existing risk and strengthen resilience
- Broader in scope, covering anthropogenic hazards.
- Explicit links to the Sustainable Development Agenda
- Set of global targets and indicators agreed upon by Member States
- Unpacking the underlying drivers of risk

# Disaster risk reduction indicators in measuring the 2030 Agenda for Sustainable Development

- **IAEG-SDGs** recognizes the OIEWG. Identifies UNISDR as custodian agency, December 2015
- **UN Statistical Commission, 48<sup>th</sup> Session, March 2017:** endorses Report of the IAEG-SDGs | Note by the Secretary-General - E/CN.3/2017/2\* proposing the recommended indicators of the OIEWG
  - 3 SDGs:
    - Goal 1. End poverty in all its forms everywhere
    - Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable.
    - Goal 13. Take urgent action to combat climate change and its impacts
  - 4 SDGs Targets
  - 11 SDGs indicators

<https://unstats.un.org/unsd/statcom/48th-session/documents/2017-2-IAEG-SDGs-E.pdf>

# Chart of the Sendai Framework for Disaster Risk Reduction

## 2015-2030

### Scope and purpose

The present framework will apply to the risk of small-scale and large-scale, frequent and infrequent, sudden and slow-onset disasters, caused by natural or manmade hazards as well as related environmental, technological and biological hazards and risks. It aims to guide the multi-hazard management of disaster risk in development at all levels as well as within and across all sectors.

### Expected outcome

The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries

### Goal

Prevent new and reduce existing disaster risk through the implementation of integrated and inclusive economic, structural, legal, social, health, cultural, educational, environmental, technological, political and institutional measures that prevent and reduce hazard exposure and vulnerability to disaster, increase preparedness for response and recovery, and thus strengthen resilience

### Targets

Substantially reduce global disaster mortality by 2030, aiming to lower average per 100,000 global mortality between 2020-2030 compared to 2005-2015

Substantially reduce the number of affected people globally by 2030, aiming to lower the average global figure per 100,000 between 2020-2030 compared to 2005-2015

Reduce direct disaster economic loss in relation to global gross domestic product (GDP) by 2030

Substantially reduce disaster damage to critical infrastructure and disruption of basic services, among them health and educational facilities, including through developing their resilience by 2030

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

Substantially enhance international cooperation to developing countries through adequate and sustainable support to complement their national actions for implementation of this framework by 2030

Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to people by 2030

### Priorities for Action

There is a need for focused action within and across sectors by States at local, national, regional and global levels in the following four priority areas.

#### Priority 1

Understanding disaster risk

#### Priority 2

Strengthening disaster risk governance to manage disaster risk

#### Priority 3

Investing in disaster risk reduction for resilience

#### Priority 4

Enhancing disaster preparedness for effective response, and to «Build Back Better» in



## Target

A

Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population

B

Direct economic loss attributed to disasters in relation to global gross domestic product (GDP)

C

Direct economic loss in relation to global GDP, damage to critical infrastructure and number of disruptions of basic services, attributed to disasters

D

E

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

F

Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies.

G

## Goal / Target

Goal 1.

Target 1.5



Goal 11.

Target 11.5



Goal 11.

Target 11.b



Goal 13.

Target 13.1



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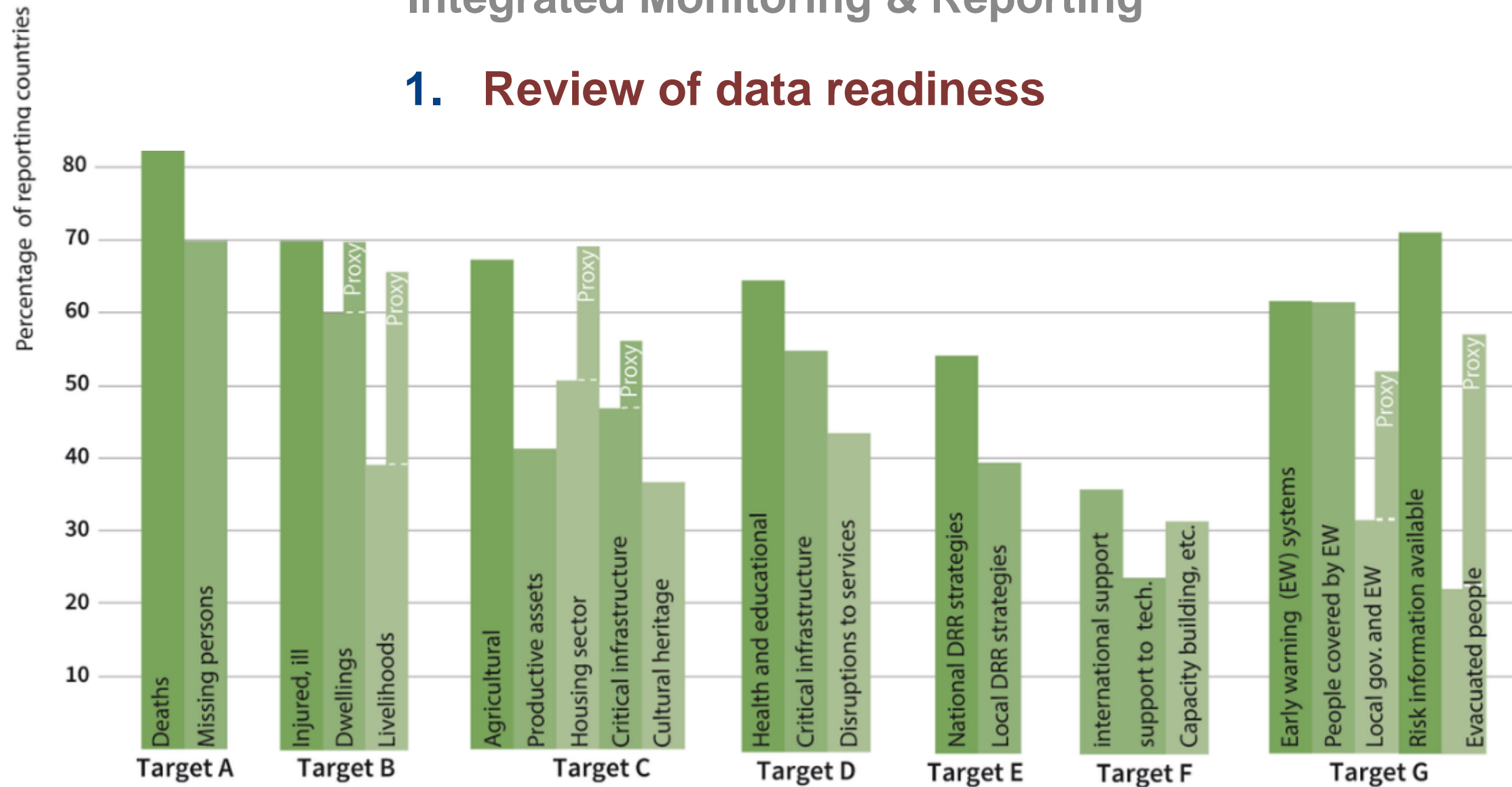
**OIEWG** called upon **UNISDR** to undertake **technical work and provide technical guidance** - together with the *international statistical community* - to operationalize the global monitoring frameworks of the Sendai Framework and SDGs, including:

1. A **review of data readiness** with respect to the indicators
2. **Minimum data standards** and **metadata** for disaster-related data and **statistics**
3. **Methodologies for measurement of indicators** and **processing of statistical data**
4. **Technical guidance material** for the testing and roll-out of the indicators and the web-based monitoring system

# Sendai Framework | 2030 Agenda for Sustainable Development

## Integrated Monitoring & Reporting

### 1. Review of data readiness





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## Integrated Monitoring & Reporting

- 2. Minimum standards and metadata**
- 3. Methodologies for measurement and statistical processing**
- 4. Technical guidance material for the online monitoring**

### Process and Consultations - Technical Guidance

<http://www.preventionweb.net/publications/>

- OIEWG 2015 – 2016 Technical Concept Notes for 3 Sessions
- Technical workshops - Ispra, Italy and London, UK - 2017
- Consultation with Member States and stakeholders, April 2017
- Technical discussion and feedback at, and following GP17, May 2017
- First operational version, November, 2017

# Sendai Framework | 2030 Agenda for Sustainable Development

## Integrated Monitoring & Reporting

### Sendai Framework Monitor: On-line monitoring system

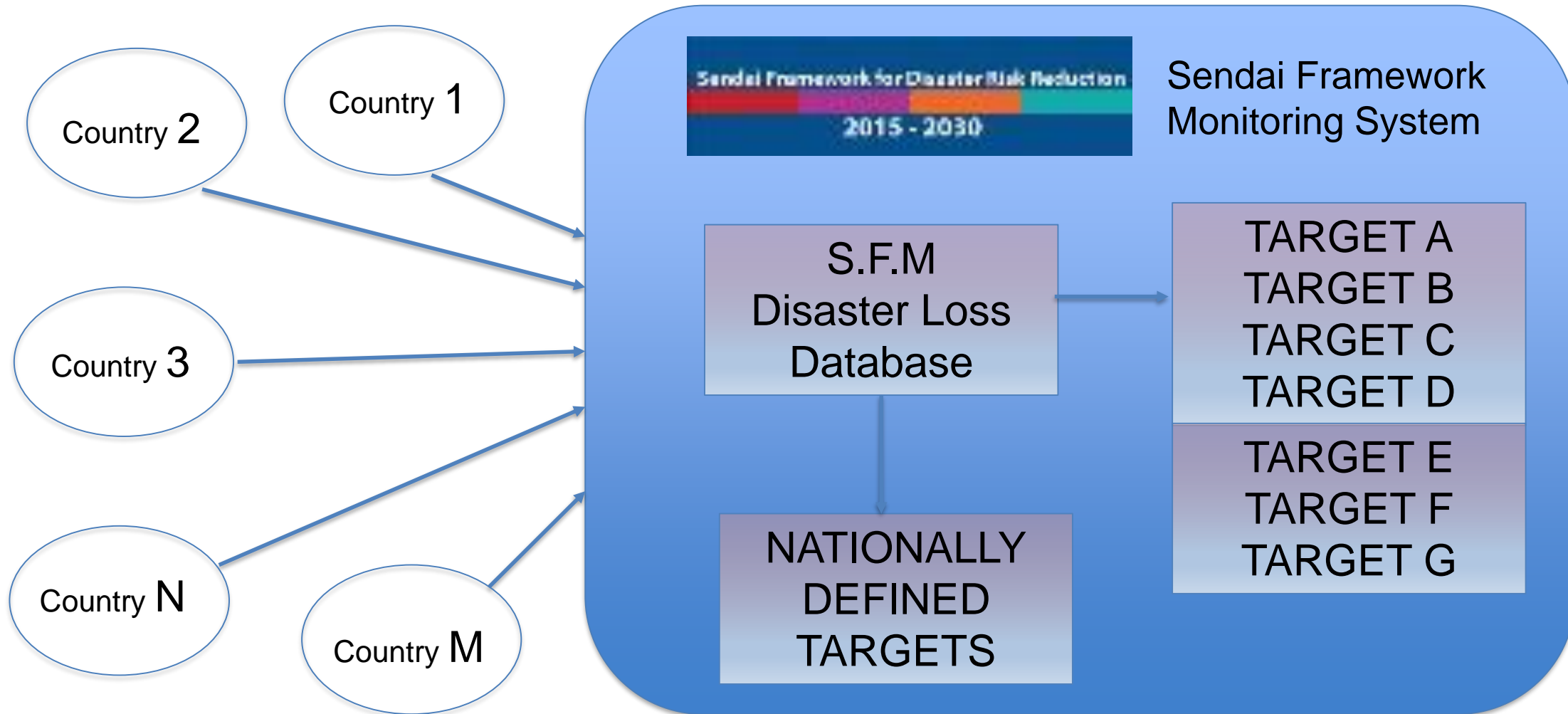
- ☐ Implementing the Guidelines
- ☐ Allowing from minimum to recommended data sets (including disaggregation)
- ☐ Metadata-enabled
- ☐ Loss Data Accounting as integrated SUB-SYSTEM
- ☐ With interfaces to SDG's and other frameworks
- ☐ Permitting nationally defined (Custom) Targets / Indicators
- ☐ Prototype developed and consulted during GP; development ongoing

Prototype <http://4d49ne.axshare.com/#g=1&p=welcome>

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## Integrated Monitoring & Reporting

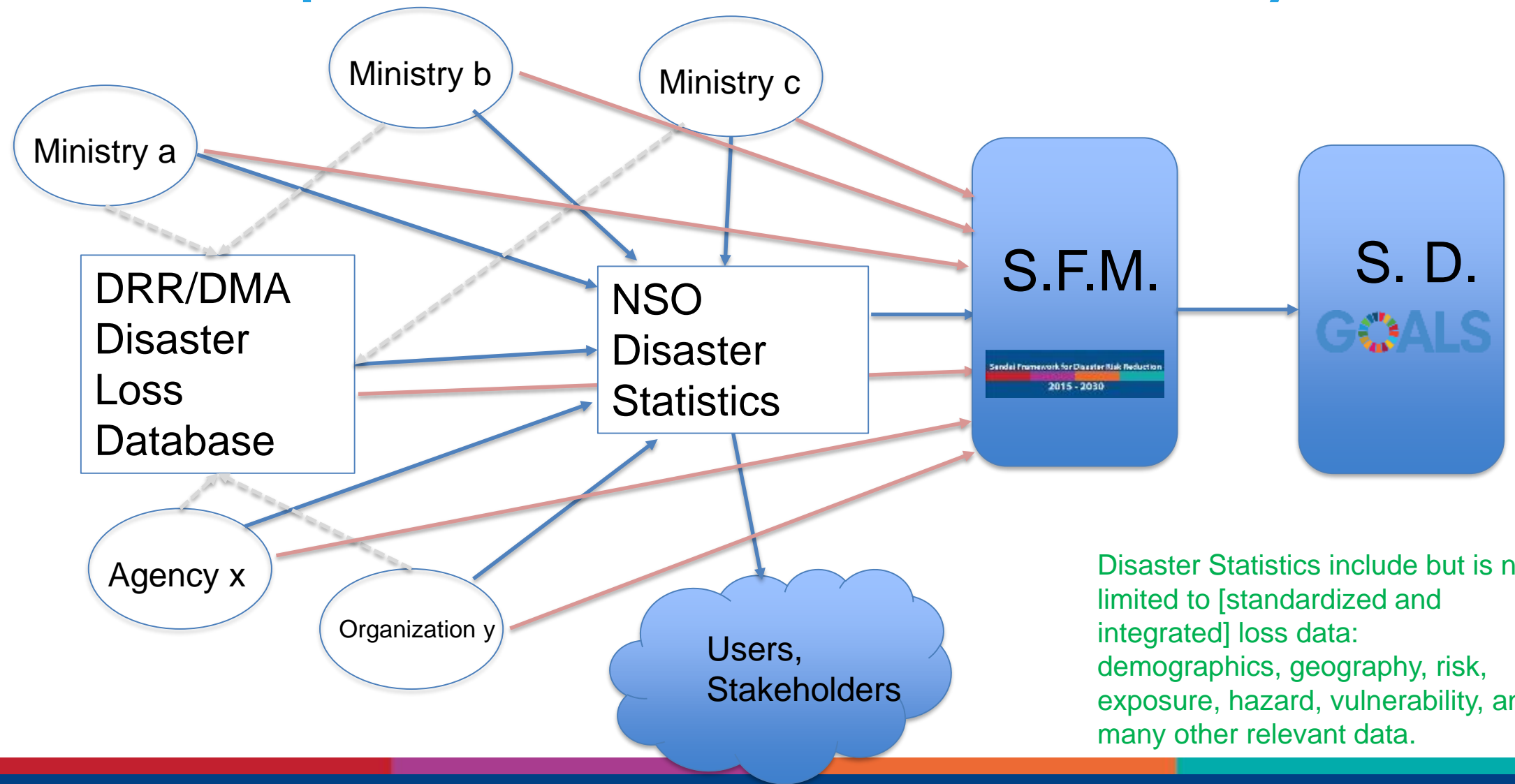
### Overall Structure of SFM



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## Integrated Monitoring & Reporting

### Complex information flows within a country



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### Sendai Framework Monitor – Dual reporting cycles

- Progress in implementing the Sendai Framework **assessed biennially** by UNISDR, and **presented at Global Platforms**.
- **SDGs Report** submitted annually to the **High Level Political Forum for Sustainable Development (HLPF)**.
- 1<sup>st</sup> online **SDG reporting** cycle, **data due March 31** for HLPF in July 2018.  
Reporting of Targets A-E for 2017
- 1<sup>st</sup> online **Sendai Framework reporting** cycle due **October 2018**. **Progress Report** (analysis and trends) expected for the **Global Platform in 2019**.

# Sendai Framework | 2030 Agenda for Sustainable Development

## Integrated Monitoring & Reporting

### Sendai Framework Monitor: next steps and milestones

#### Data preparation and collection

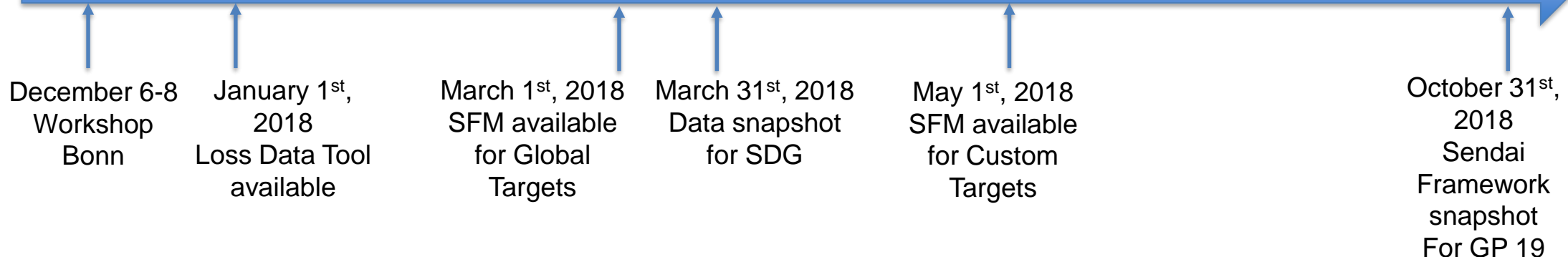
Data for Targets A-E (2017)

Data for Targets A-G, Custom Targets (2015-2017)

#### Data entry processes and software tools available

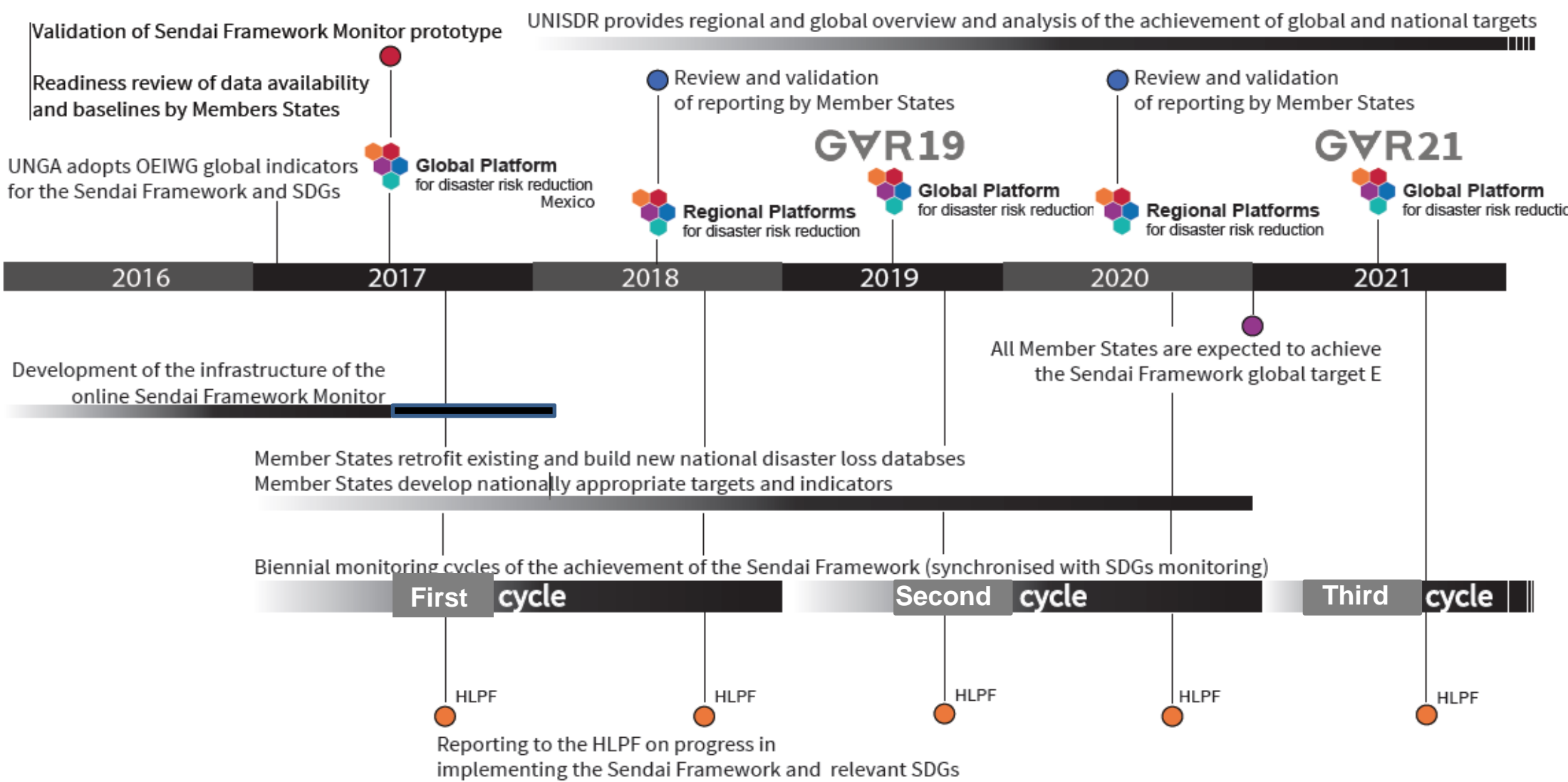
Loss data

Loss data, Global Targets Custom Targets





# Monitoring the Sendai Framework for Disaster Risk Reduction



# Thank you.

United Nations Office for Disaster Risk Reduction (UNISDR)