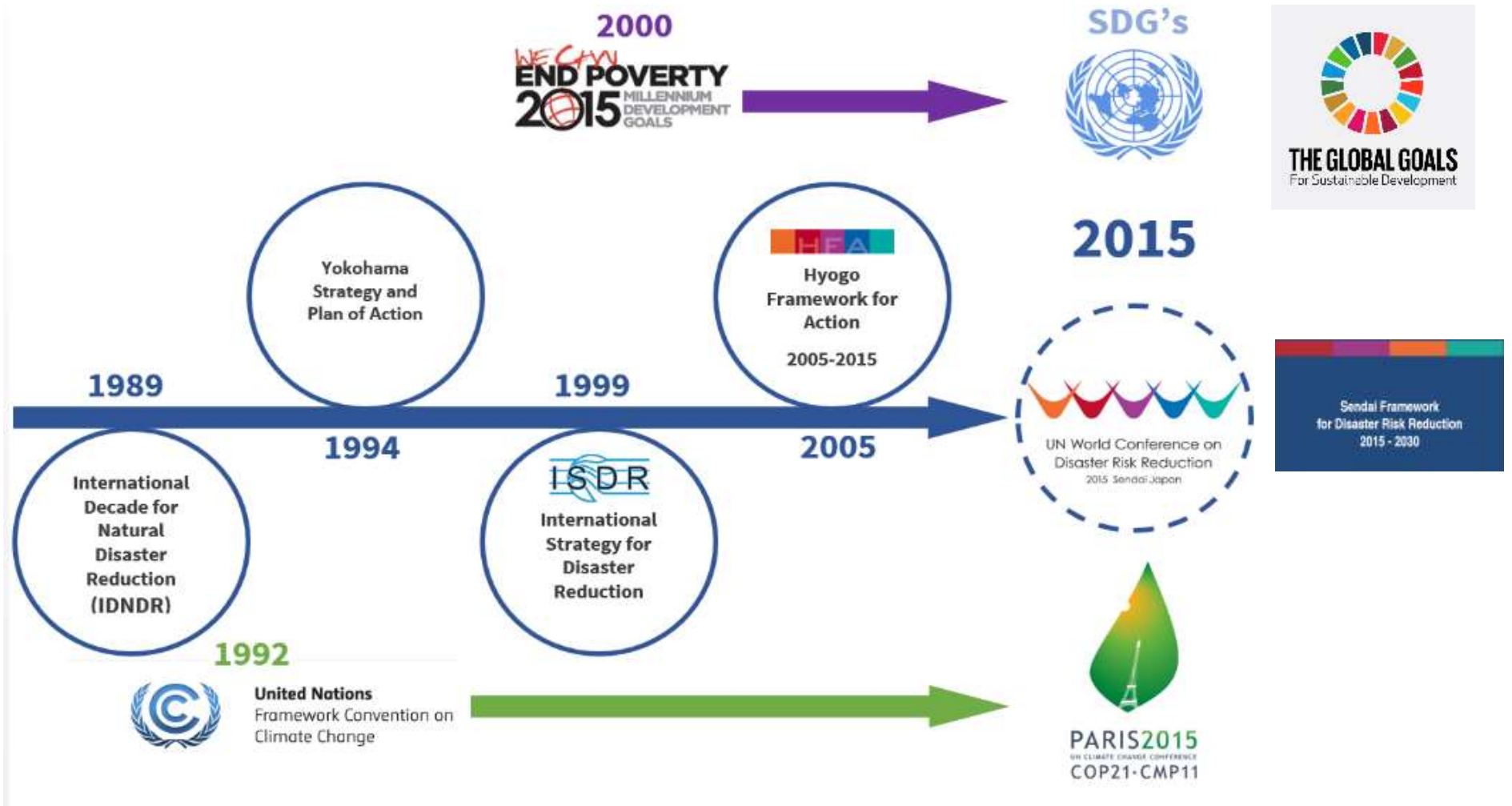


# Reducing Risks (Current and Future) And Keeping Track

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

# +25 Years of International Commitment to DRR



**7 GLOBAL TARGETS**

**Reduce**

**Mortality/  
global population**

2020-2030 Average << 2005-2015 Average

**Affected people/  
global population**

2020-2030 Average << 2005-2015 Average

**Economic loss/  
global GDP**

2030 Ratio << 2015 Ratio

**Damage to critical infrastructure  
& disruption of basic services**

2030 Values << 2015 Values

**Increase**

**Countries with national  
& local DRR strategies**

**2020** Value >> 2015 Value

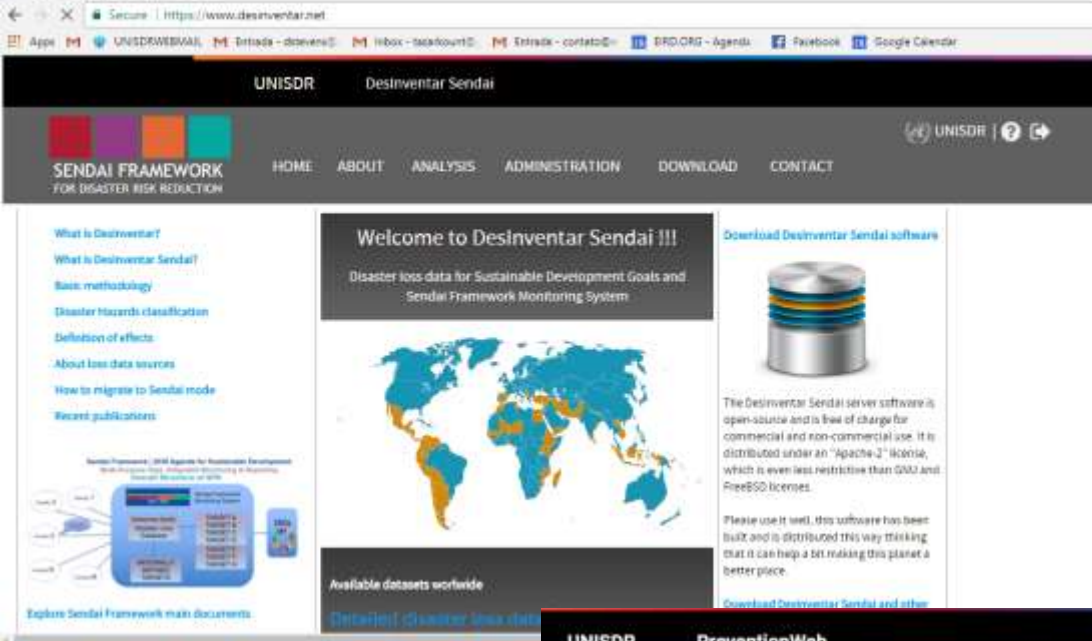
**International  
cooperation**

**to developing countries**

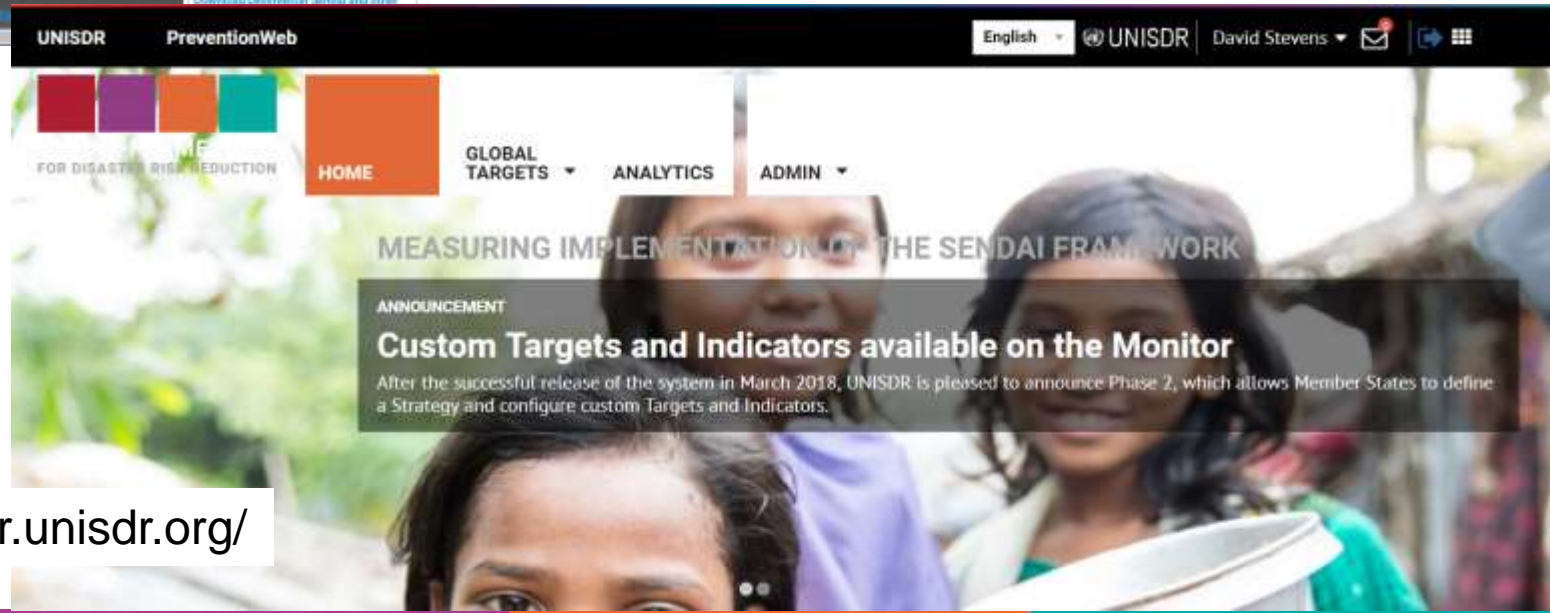
2030 Value >> 2015 Value

**Availability and access  
to multi-hazard early warning  
systems & disaster risk  
information and assessments**

2030 Values >> 2015 Values



<https://www.desinventar.net/>



<https://sendaimonitor.unisdr.org/>

# DRR4NAPs – Integrating Disaster Risk Reduction (DRR) into National Adaptation Plans (NAPs)

LEAST DEVELOPED COUNTRIES

## THE NATIONAL ADAPTATION PLAN PROCESS

A brief overview



# BIG DATA AND AFRICA

- 
- Six of the world`s ten **fastest growing economies** in Africa
  - Leverage on **the internet, mobile computing and location-based services** (over 100 GNSS satellites in orbit)
  - **Social media** guiding space-based data collection (e.g. 2010 Chile Earthquake)
  - Access to **vast quantities of data** (most of which is geospatial)
  - Internet of Things > By 2020 - **50 billion connected things**
  - Two dimensional mapping > 3D solutions > 4D visualizations (e.g. landslide hazards, future trends)
  - **UAVs and crowdsourcing** (street level data)
  - Focus on **national governments** and helping them involve the private and non-governmental sectors. Thin line between coordination and collaboration.

# THANK YOU

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