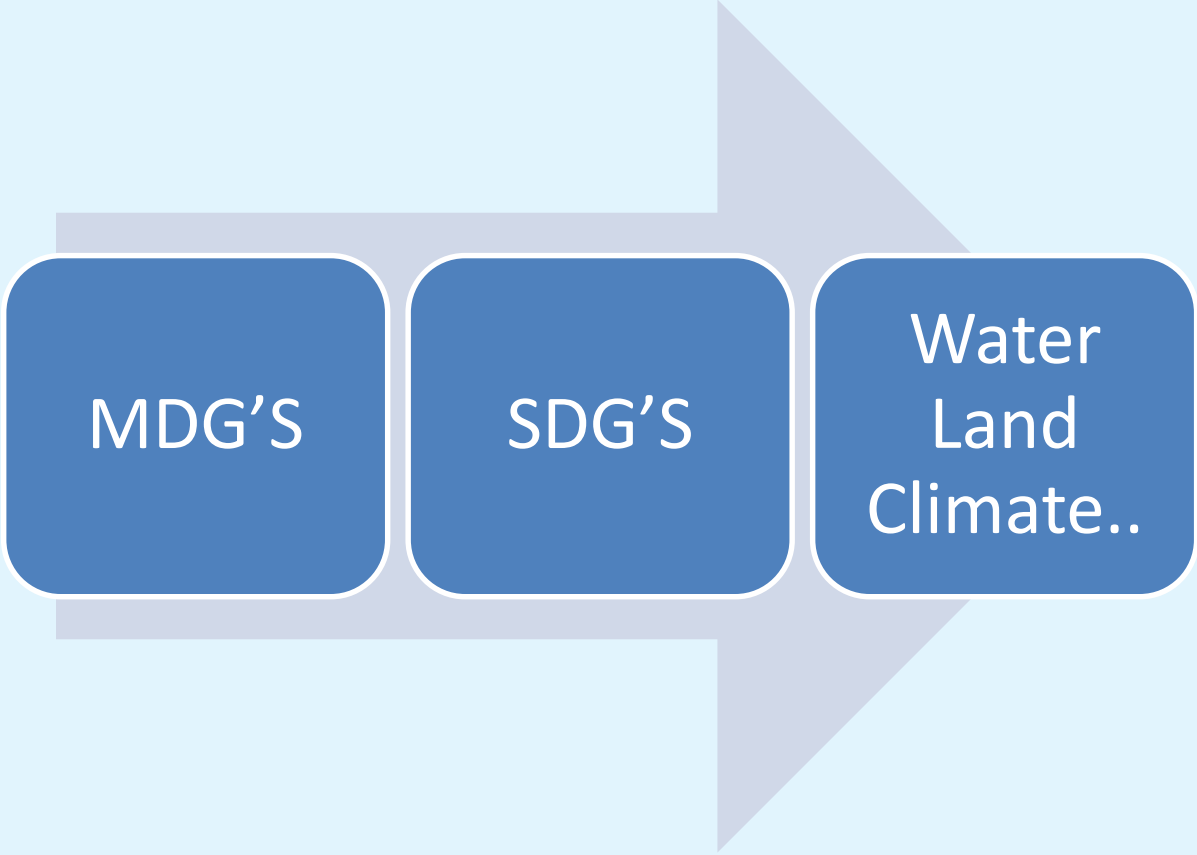


The value of Earth observations in helping countries monitor progress towards SDG target 6.6

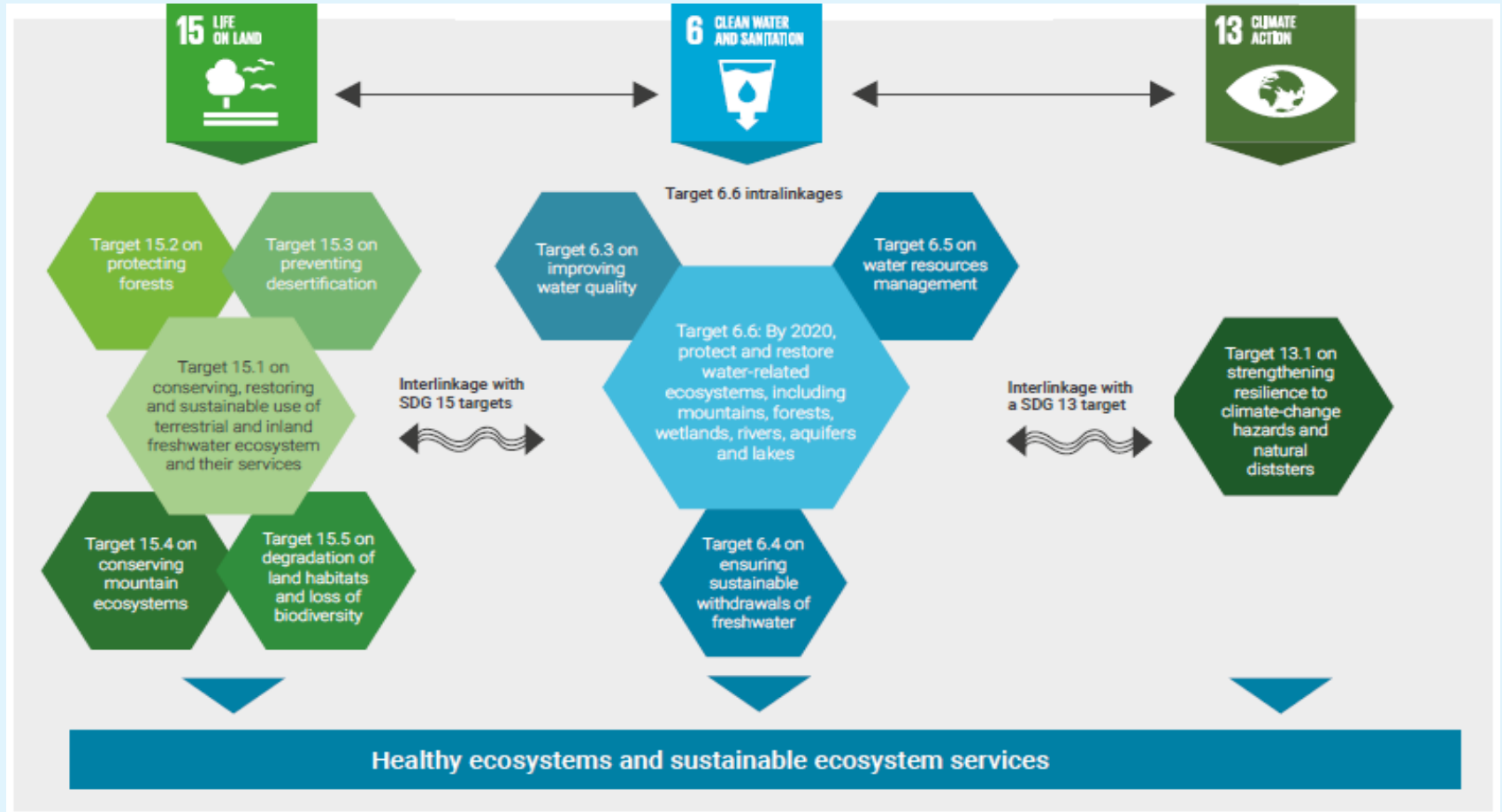
“protect and restore water-related ecosystems”

Measuring the Environmental Dimension



SDG Target 6.6

Protect and restore water-related ecosystems including: vegetated wetlands, rivers, lakes, reservoirs and groundwater



Indicator 6.6.1

Change in extent of water-related ecosystems over time

Most countries have **little to no information** on the extent of their water-related ecosystems.

In 2017, UN Environment and its partners created **188 country data sets on spatial extent of water**, which were shared with national statistical offices for validation.

Central Asia has seen a **7 per cent decrease** in the extent of open water.

Afghanistan, Iran and Iraq **lost 54 per cent, 56 per cent and 34 per cent** of their permanent surface water area since 1984.



A new and approved methodology...



- **Statistically robust and comparable**
- **Global coverage**
- **National and sub-national relevance**
- **Quality assured**
- **Cost effective**
- **Reduce reporting burden**

Meeting country requirements over the long term

- **Spatial extent of open water at *basin level***
- **Delineation of reservoirs**
- **Water dynamics (quantity) of reservoirs**
- **Water quality of lakes**
- **Global mapping of vegetated wetlands**
- **Maps and statistics at decision making levels (national, basin, ecosystem)**
- **Guidance and training tools to accompany data provision**
- **Promoting national ownership**

Thank you



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