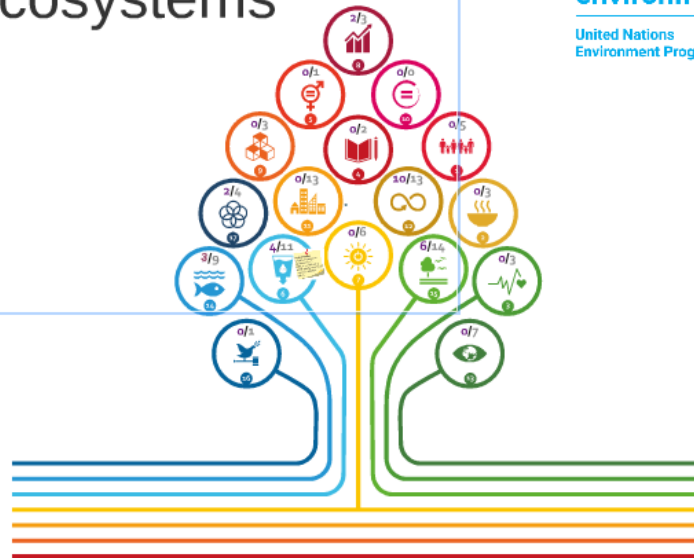


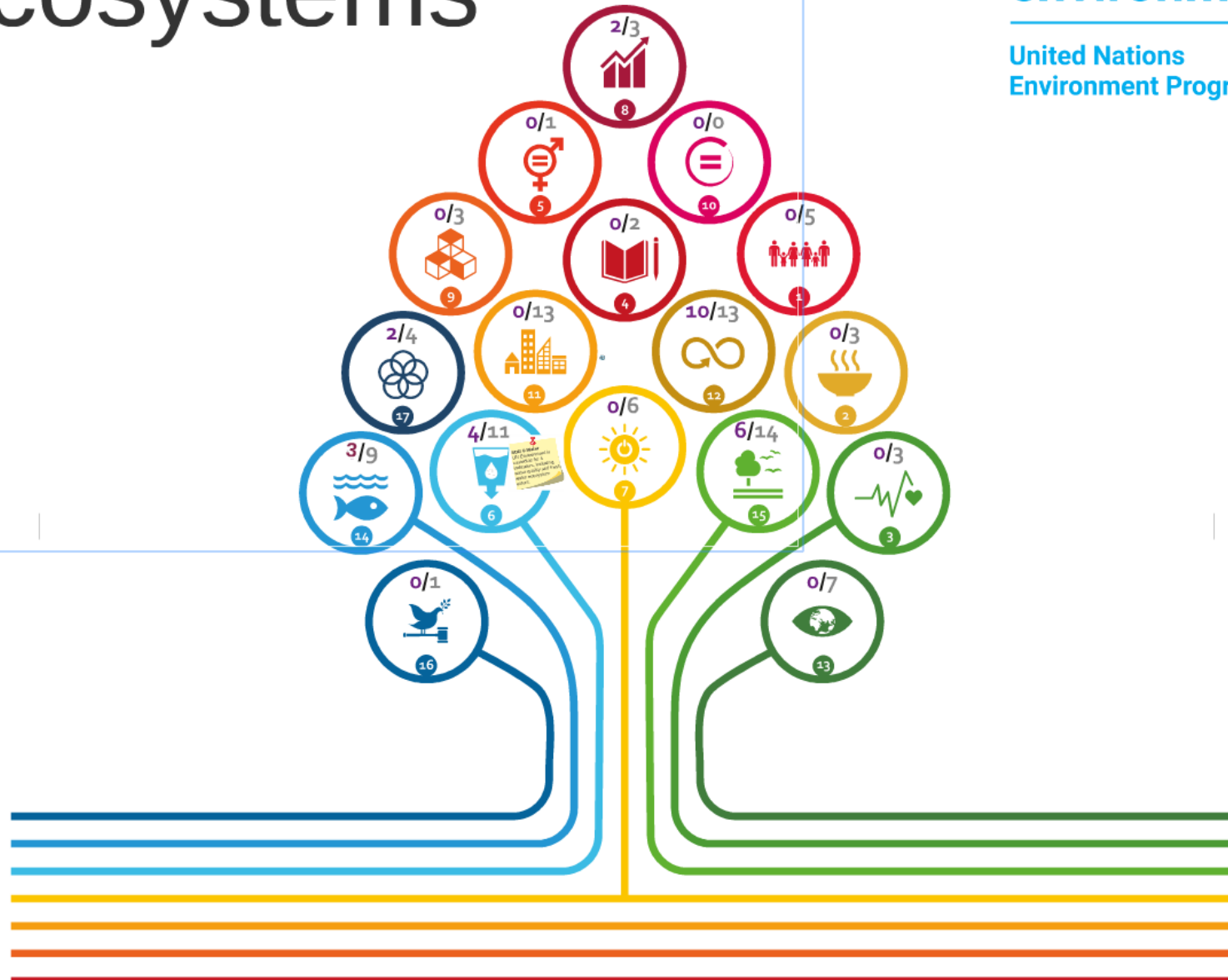
Water quality and ecosystems



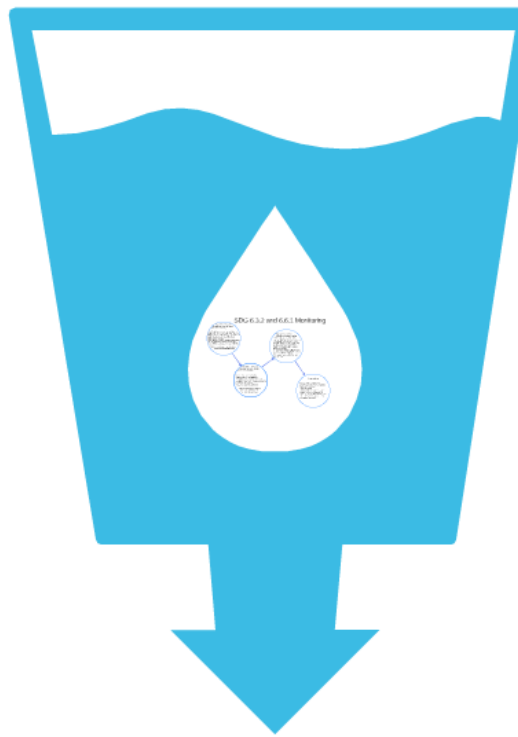
Water quality and ecosystems



United Nations
Environment Programme



4/11



6

SDG 6:Water
UN Environment is
custodian for 4
indicators, including
water quality and fresh
water ecosystem
extent.

SDG 6.3.2 and 6.6.1 Monitoring

SDG 6.3.2: Proportion of bodies of water with good ambient water quality

6.3.2 Includes 5 core parameters: Dissolved Oxygen, Electrical Conductivity, Total Oxidised Nitrogen, Orthophosphate and pH for rivers and lakes plus Electrical Conductivity, pH and Nitrate for ground water
This indicator includes 25 additional parameters which countries may want to consider, but these will not be included in global monitoring.

The full methodology is available from:
<http://www.sdg6monitoring.org>

SDG 6.6.1: Change in the extent of water-related ecosystems over time

Includes four sub-parameters:
- Spatial extent of ecosystems
- Quantity of water within ecosystems
- Quality of water within these ecosystems (linked directly to 6.3.2)
- Health or state of ecosystems

We are attempting to collect at the district level to better understand the situation.


Two streams of data collection for water quality

1. We are piloting a UNSD/UNEP questionnaire to capture data on the core water quality parameters (but we are struggling with the indicator terminology, i.e. 'good water quality' and with the 'proportion of water bodies', i.e. even small lakes or what?)
2. As part of the data collection for 6.6.1, we have asked countries directly to let us know if they have an estimate of the proportion of water bodies with good water quality

Conclusion

There is still work to be done to determine exactly how to measure these SDG indicators:

- Defining 'good'
- Determining the scope of 'water bodies' and 'water ecosystems'
- Using EO to supplement data gaps
- Developing the historic reference for assessing change

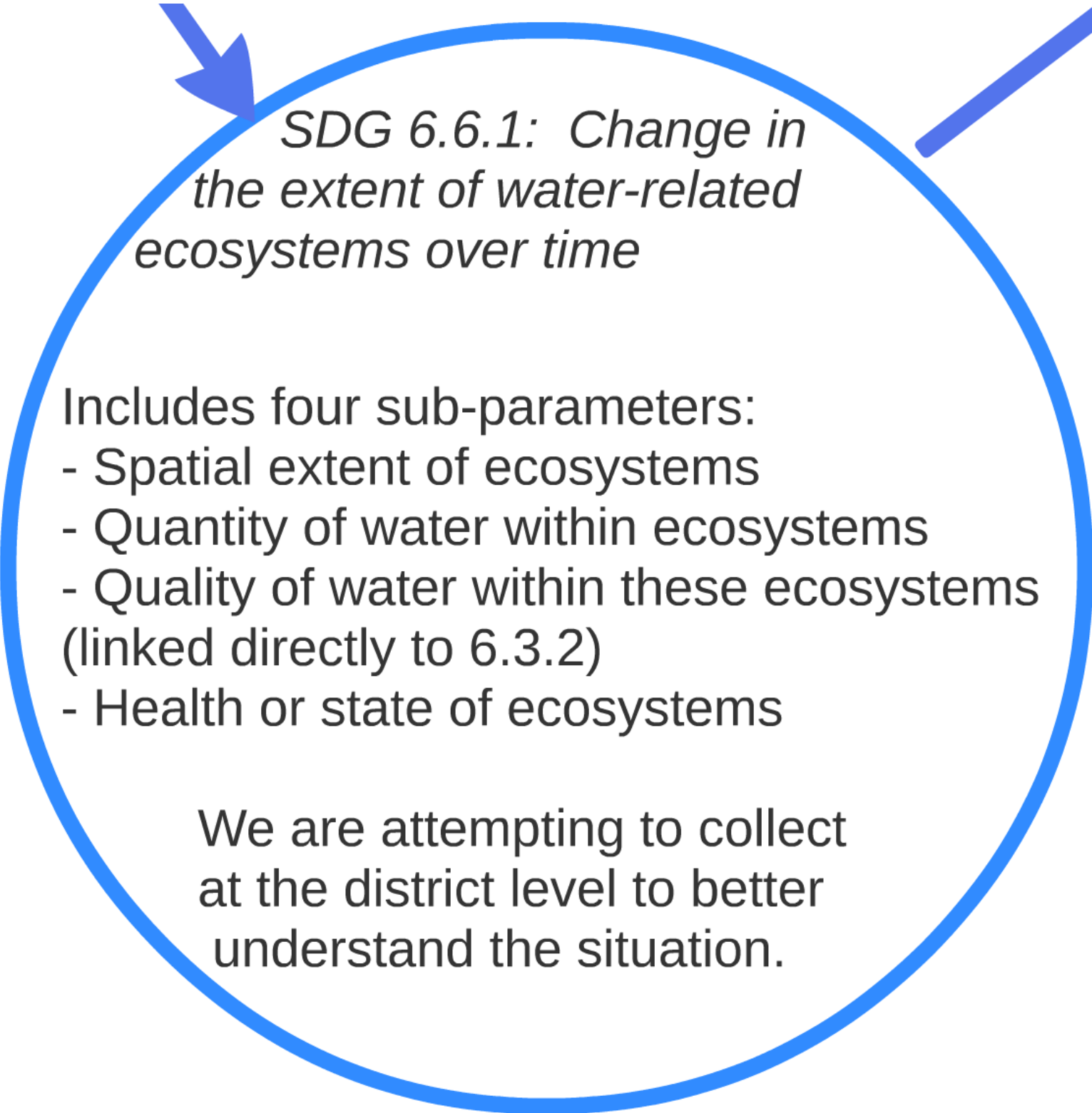


*SDG 6.3.2: Proportion
of bodies of water with good
ambient water quality*

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*SDG 6.6.1: Change in
the extent of water-related
ecosystems over time*

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Water quality and ecosystems

