SDG Goal 6	Clean water and sanitation
SDG Target 6.5	By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate
SDG Indicator 6.5.2	Proportion of transboundary basin area with an operational arrangement for water cooperation
Time series	Transboundary basin area with an operational arrangement for water cooperation

1. General information on the time series

- Date of national metadata: 23 August 2023
- National data: http://sdg-indicators.de/6-5-2/
- Definition: The time series measures the percentage of the area of transboundary basins that has a cooperation scheme with the riparian states in place in order to coordinate the management of the aquifers.
- Disaggregation: Not available.

2. Comparability with the global metadata

- Date of global metadata: December 2021
- Global metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-06-05-02.pdf
- The time series is partly compliant with the global metadata. The SDG indicator aims to measure the percentage of the area of all transboundary aquifers that has a cooperation scheme with riparian states, including groundwater aquifers. However, since no exact data of the extent of groundwater bodies is available, it is not included in the calculation of the time series.
  In comparison with the global metadata small deviations in the basins are taken into account for the calculation of the time series.

3. Data description

- Germany has 8 transboundary basins that are shared with its neighbouring countries. For all of these catchment areas, international commissions have been established to cooperate and organize the management of these basins.
  In case transboundary groundwater bodies exist within one of the transboundary basin, their transboundary management is also considered in the respective cooperation scheme. However, no data on the exact extent of these groundwater bodies is available in terms of km² covered. Therefore, transboundary groundwater bodies are not taken into account in the calculation of the time series.

4. Access to data source

- River basin commissions, border water commissions and river basin communities (only available in German):
  https://www.bmuv.de/themen/wasser-ressourcen-abfall/binnengewaesser/fluesse-und-seen/flussgebietskommission

5. Metadata on source data

- River basin commissions, border water commissions and river basin communities (only available in German):
  https://www.bmuv.de/themen/wasser-ressourcen-abfall/binnengewaesser/fluesse-und-seen/flussgebietskommission

6. Timeliness and frequency

- Timeliness: Not applicable.
- Frequency: Every 3 years

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\text{Integrated water resources management} = \frac{\text{Surface area of transboundary basins covered by an operational arrangement with riparian states}\,[\text{km}^2]}{\text{Total surface area of transboundary basins}\,[\text{km}^2]} \cdot 100\,[\%]$$