

Indicator 6.4.1 Methodology

Tier 2, Custodian Agency FAO

- **Indicator 6.4.1:** Change in water use efficiency
 - This indicator is defined as the output of a given major sector per volume of (net) water withdrawn.
- **Methodology established:** Indicator measures water use efficiency in four main sectors following ISIC 4 coding:
 - agriculture, forestry and fishing (ISIC 4-A)
 - manufacturing, constructions, mining and quarrying (ISIC 4-B, 4-C and 4-F)
 - electricity industry (ISIC 4-D)
 - municipal sector (ISIC 4-E)
- Metadata drafted through a year long consultative process
- 15 countries involved in the first round of consultation

6.4.1 Data collection

- Indicator proposed is a ratio between 2 already established indicators: water withdrawal and value added of ec. sectors
- Data on water withdrawal already available for many countries through AQUASTAT.
- Historical values of the indicator calculated in 2016
- From 2015 onward, data will be collected through questionnaires, following existing practices such as AQUASTAT, SEEA, etc.
- All regions will be covered

6.4.1 Current work taking place

- **Methodology guide for implementation** is being finalized to be applied in 6 initial roll-out countries for SDG 6 indicators 6.3.1 through 6b (UN-Water coordinated GEMI project).
- 2017: At least 20 more countries involved in the project activity
- 2017: Capacity development material prepared and used in supporting the participating countries
- 2018: Data repository and web portal ready and functioning at national and global level
- 2018: Global baseline prepared and reported