

SDG 6

Ensure availability and sustainable management of water and sanitation for all

Wastewater management (6.3.1)

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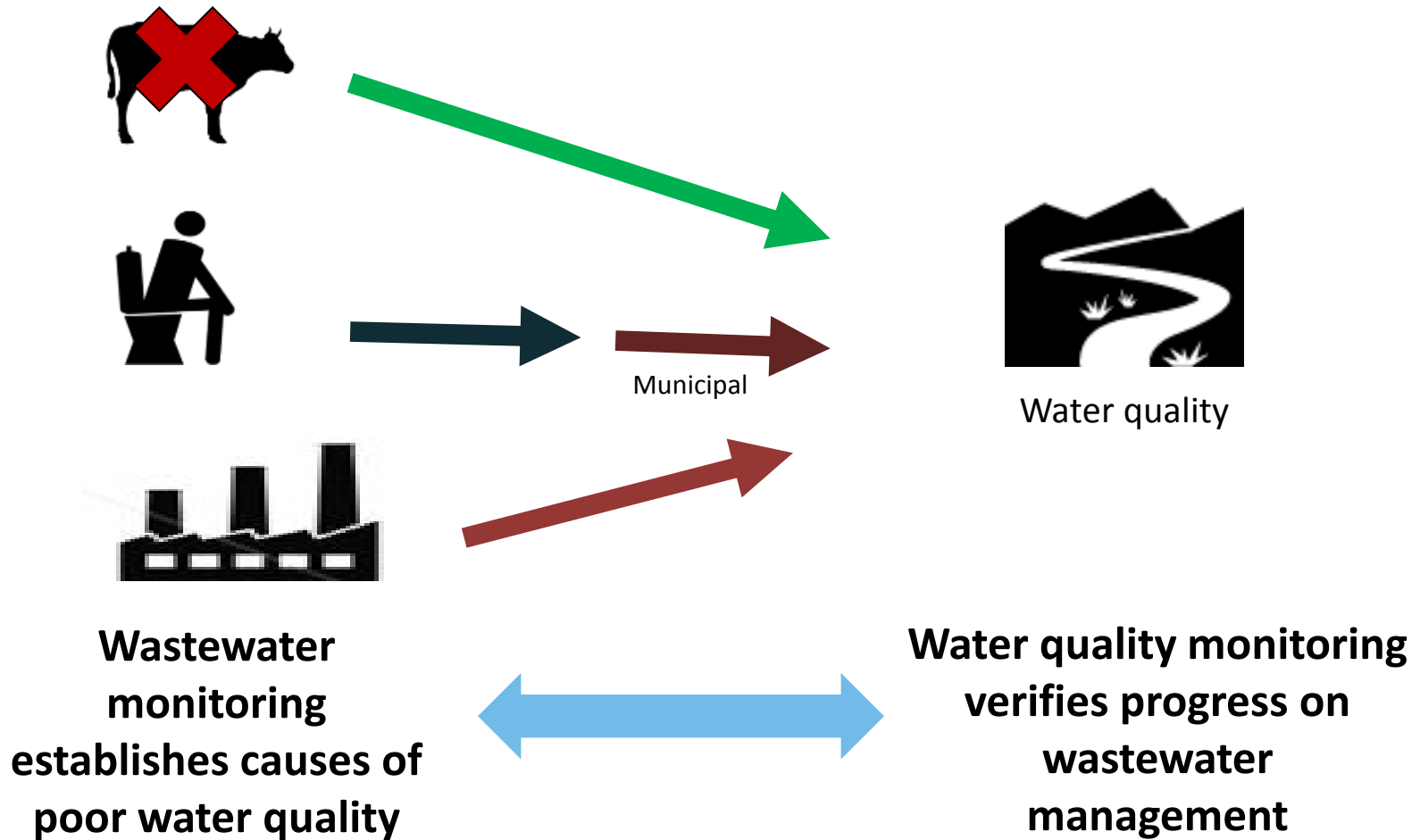


World Health
Organization

UN HABITAT

UN WATER

Percentage of wastewater safely treated (mass balance approach)



Readiness of the indicator: tier system

	Tier I	Tier II	Tier III
Conceptually clear	Yes	Yes	Yes
Established methodology	Yes	Yes	Data and method issue
Available standards and	Yes	Yes	Data and method issue
Data regularly produced by countries	Yes	No	No

Readiness of wastewater indicator for global monitoring

	Tier I	6.3.1
Conceptually clear	Yes	Clear definition, builds on MDG framework
Established methodology	Yes	2014: Method developed 2015: country consultation
Available standards and	Yes	Aligned with SEEA, IRWS, uses ISIC classification
Data regularly produced by countries	Yes	6.2.1 data, UNSD, OECD, EUROSTAT, AQUASTAT, IBNET, GWI, UNIDO, geospatial (data gaps, validation)

Way forward for 6.3.1

- Further testing to build country capacity for global reporting interlinked with WASH SDGs
- 47th UNSC: Consultations with NSOs
- Ready to help countries for SDG reporting
- Data integration: support for geospatial group
- Various types of disaggregation, links with NTD
- Part of GEMI project in 6 countries

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Thank you



1. Concepts

- **Definition:** Proportion of wastewater generated by households and by economic activities which is safely treated compared to total wastewater generated by households and economic activities. Based on treatment ladders as defined by the SEEA.
- **Concept:**
 - Uses established definition of wastewater
 - Builds on existing MDG monitoring (WHO/UNICEF JMP)

2. Established methodology

- **Indicator disaggregated into**
 - **Household:** identical to safely managed sanitation as defined by the JMP, i.e. 6.2.1 (tier I)
 - **Extra household:** All wastewater generated and treated by the economy; methods established internationally, consistent with SEEA, IRWS
- **Aggregated for reporting: strength of wastewater**

3. Available standards

- SEEA: adopted by Statistical Commission in 2014, which covers the whole economy;
<http://unstats.un.org/unsd/envaccounting/water.asp>
- International Recommendations for Water Statistics (IRWS):
<http://unstats.un.org/unsd/envaccounting/irws/irwswebversion.pdf>
- Coverage of economy follows International Standard Industrial Classification of all Economic Activities (ISIC), and covering agriculture, hazardous industries and other economic activities.

4. Data sources...global coverage

- Safely managed sanitation data available from 140 countries
- Over 150 countries data from various sources
 - UNSD/UNEP Water Questionnaire for non OECD/Eurostat countries
 - OECD/Eurostat Questionnaire for OECD/EU countries:
 - AQUASTAT (FAO):
 - International Benchmarking NETwork (WB)
 - Global Water Intelligence(GWI)
- Additionally various geospatial data for filling data gaps, validation etc. as appropriate

References

- Safely managed sanitation data : http://www-wds.worldbank.org/external/default/WDSPContentServer/WDSP/IB/2016/02/11/90224b084172a75/1_0/Original/The0costs0of0m0iene000data0catalog.xlsx.
- UNSD/UNEP Water Questionnaire for non OECD/Eurostat countries <http://unstats.un.org/unsd/environment/questionnaire.htm>;
- OECD/Eurostat Questionnaire for OECD/EU countries: <https://data.oecd.org/water/waste-water-treatment.htm>.
- AQUASTAT (FAO): <http://www.fao.org/nr/water/aquastat/data/query/index.html?lang=en>,
- International Benchmarking NETwork (WB): <https://www.ib-net.org/>.
- Global Water Intelligence(GWI): <https://www.globalwaterintel.com/>.