

Protocol on Water and Health as a tool to implement water-related targets under 2030 Agenda for Sustainable Development

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From MDGs to SDGs

MDGs

- Total of 8 goals and 21 targets
- One water target under goal “Environmental Sustainability”
- Two core indicators: drinking-water and sanitation
- Primarily relevant to low income countries

SDGs

- Total of 17 goals and 169 targets
- Eight water targets under goal “Water and Sanitation”
- More indicators – currently under negotiation
- Relevant to all countries

Goal 6: Ensure availability and sustainable management of water and sanitation for all



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Target 6.1: By 2030, achieve universal and equitable access to safe and affordable drinking water for all

DRINKING WATER

Water used for drinking, cooking, food preparation and personal hygiene

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All exposures and settings: schools, health care and workplaces

EQUITABLE

Progressive reduction of inequalities

ACCESS

Sufficient water to meet domestic needs reliably and available close to home

FOR ALL

Suitable for use by men, women, girls and boys of all ages including people living with disabilities and vulnerable groups

SAFE

Free from pathogens and elevated levels of toxic chemicals at all times

AFFORDABLE

Payment for services does not present a barrier to access



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Service ladder drinking water

	Service ladder	Description
SDG 6.1	Safely managed	Basic water on premises Available when needed Meets water quality standards
MDG 7c	Basic	Improved facility within 30 minutes round trip collection time
	Unimproved	Facility which does not protect against contamination or basic source with round trip collection time of more than 30 minutes
	No service	Surface water



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Target 6.2: By 2030, achieve access to adequate and equitable sanitation and hygiene for all, and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations

SANITATION

Provision of facilities and services for safe management and disposal of human waste

HYGIENE

Conditions/practices that prevent spread of disease: handwashing, personal hygiene management, food hygiene

ACCESS

Facilities close to home that can be easily reached and used when needed

EQUITABLE

Progressive reduction of inequalities in access to services for all population groups

ADEQUATE

Basic separation of excreta from living areas, contact with excreta, or open defecation, or use of off-site facilities

FOR ALL

Suitable for use by men, women, girls and boys of all ages and abilities

NEEDS OF WOMEN AND GIRLS

Enable women and girls to manage sanitation and hygiene needs with dignity
Special attention to 'high use' settings (schools) and 'high risk' settings (health care facilities)



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Service ladder sanitation

	Service ladder	Description
SDG 6.1	Safely managed	Basic sanitation where excreta is safely disposed in situ or transported and treated off-site
MDG 7c	Basic	Flush/pour flush to sewer system, septic tank or pit latrine, ventilated improved pit latrine, composting toilet or pit latrine with a slab
	Shared	Facilities of an otherwise acceptable type shared between two or more households
	Unimproved	Pit latrines without a slab or platform, hanging latrines and bucket latrines
	No service	Open defecation

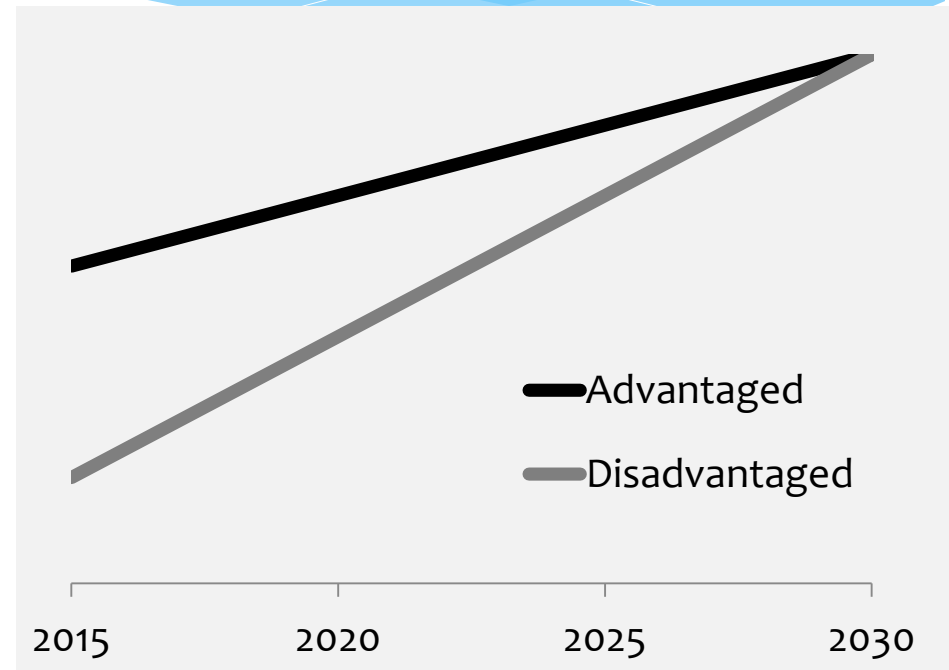


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Inequalities

- * No target met **unless met for all**
- * Disaggregation needed:
 - * Affordability
 - * Urban and rural
 - * Wealth
 - * Sub-national regional distribution
 - * Gender
 - * Locally important disadvantaged groups



Relations to other targets (*selection*)

- 1.4 Access to basic services for the poor
- 2.2 End malnutrition
- 3.3 End water-borne diseases
- 3.8 Universal health coverage
- 4.a Education facilities
- 10.3 Reduce inequalities of income
- 11.5 Water-related disasters
- 15.1 Freshwater ecosystems and their services
- 17.17 Multi-stakeholder partnerships

The 2030 Agenda and the Protocol on Water and Health: coherence of objectives



Protocol and SDGs?

- * Access to adequate supply of **wholesome drinking-water** for everyone
- * Provision of **adequate sanitation** for everyone that protects health and the environment
- * Effective protection of **water resources**
- * Safeguards against disease arising from the **use of sewage sludge/wastewater** in agriculture and recreational waters
- * Effective systems for **monitoring and response**

Examples of interlinkages (1)

Target areas (art 6.2)	SDGs targets	Programme area
<p>(d) The area of territory, or the population sizes or proportions, which should be served by collective systems of sanitation or where sanitation by other means should be improved</p>	<p>Goal 6: Ensure availability and sustainable management of water and sanitation for all 6.2. By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations</p> <p>Goal 1: End poverty in all its forms everywhere 1.4. By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance</p> <p>Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 4.a. Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all</p> <p>Goal 11: Make cities inclusive, safe, resilient and sustainable 11.1 By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums</p>	<p>Equitable access</p> <p>Safe and efficient management of water supply and sanitation systems</p> <p>WASH in schools</p> <p>Small-scale water supplies and sanitation</p>

Examples of interlinkages (2)

Target areas (art 6.2)	SDGs targets	Programme area
<p>(f) The application of recognized good practice to the management of water supply and sanitation, including the protection of waters used as sources for drinking water</p>	<p>Goal 6: Ensure availability and sustainable management of water and sanitation for all</p> <p>6.3. By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally</p> <p>6.4. By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity</p> <p>6.5. By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</p> <p>6.6. By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes</p>	<p>Safe and efficient management of water supply and sanitation systems</p> <p>Future work on sanitation?</p>

Examples of interlinkages (3)

Target areas (art 6.2)	SDGs targets	Programme area
<p>(g) The occurrence of discharges of: (i) Untreated waste water; and (ii) Untreated storm water overflows from waste-water collection systems to waters within the scope of this Protocol</p>	<p>Goal 6: Ensure availability and sustainable management of water and sanitation for all 6.3. By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally</p> <p>Goal 12: Ensure sustainable consumption and production patterns 12.4. By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment</p>	<p>Safe and efficient management of water supply and sanitation systems</p> <p>Future work on sanitation?</p>

Tools to implement Protocol and SDGs *under preparation*

Collection of good practices with examples of targets:

- * under all Protocol target areas
- * that would support the implementation of 2030 Agenda
- * and align with the programme of work of the Protocol
- * **Brochure on linkages between Protocol and SDGs**

Thank you for your attention!