

SDG 6 Clean Water and Sanitation

Speaker: Amanda Loeffen

Career/Experiment: CEO, Swiss non-government organization

Introduction of the speaker

- General manager, business development exec in water, energy and sustainable development
- Australasia, Europe and North America
- Sustainable solutions based on human rights to improve water governance worldwide
- Resilience to Climate Emergencies, Human Rights Indicators
- UNECE People-First PPP Stakeholder Engagement
- Steering committee AGUASAN
- Project management company in New Zealand environmental resource consent with stakeholder engagement for a community water infrastructure scheme for irrigation and hydro-generation

Human right 2 Water

- Vision: A world where all people realise the human rights to water and sanitation
- Mission
 - To use and share expert knowledge on how the human rights to water and sanitation should be integrated into law, policy and practice to realise safe and sustainable access to water and sanitation for all, including the most vulnerable and marginalized.

Lecture overview

- Brief Description: Summary of targets & indicators and links to other SDGs
- Current State of implementation, progresses, and an example of good practice where youth are active
- Key issues & challenges related to the achievement of this Goal
- Suggested action areas for the youth to engage and contribute

Q1a: What is SDG 6 and why it matters?

- SDG 6 “To ensure access to safe water sources and sanitation for all”
 - Access to water, sanitation and hygiene is a human right.
 - The demand for water has outpaced population growth
 - Water is essential not only to health, but also to poverty reduction, food security, peace and human rights, eco-system and education. Nevertheless,

countries face growing challenges linked to water scarcity, water pollution, degraded water-related eco-systems and cooperation over transboundary water basins.

- Key facts
 - Half the world's population is already experiencing severe water scarcity at least one month a year.
 - 2.2 billion people around the world still lack safely managed drinking water, including 785 million without basic drinking water

Q1b: The targets and indicators of SDG6

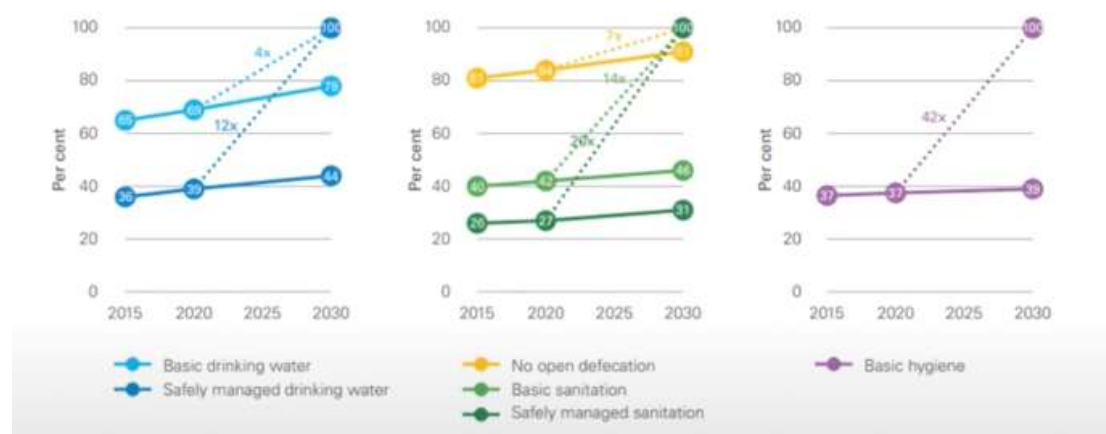
- SDG 6 “To ensure access to safe water sources and sanitation for all”
 - Target 6.1: Universal and Equitable access to safe and affordable drinking water
 - ◆ Indicator 6.1.1: Proportion of population using safely managed drinking water services
 - Target 6.2: Access to adequate and Equitable sanitation and hygiene
 - ◆ Indicator 6.2.1: Proportion of population using (a) safely managed sanitation services and (b) a hand-washing facility with soap and water
 - Target 6.3: Reduce pollution eliminate dumping and minimizing release of hazardous chemicals and materials
 - ◆ Indicator 6.3.1: Proportion of wastewater safely treated
 - ◆ Indicator 6.3.2: Proportion of bodies of water with good ambient water quality
 - Target 6.4: Increase water use efficiency
 - ◆ Indicator 6.4.1: Change in water-use efficiency over time
 - ◆ Indicator 6.4.2: Level of water stress: freshwater withdrawal as a proportion of available freshwater resources
 - Target 6.5: Implementing integrated water resource management
 - ◆ Indicator 6.5.1: Degree of integrated water resources management implementation (0-100)
 - ◆ Indicator 6.5.2: Proportion of transboundary basin area with an operational arrangement for water cooperation
 - Target 6.6: Protect and restore of water-related ecosystems
 - ◆ Indicator 6.6.1: Change in the extent of water-related ecosystems over time
 - Target 6.A: Expanding International cooperation and capacity building support
 - ◆ Indicator 6.A.1: Amount of water- and sanitation-related official

development assistance that is part of a government-coordinated spending plan

- Target 6.B: Support and strengthen the participation of local communities
 - ◆ Indicator 6.B.1: Proportion of local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management

Q2: How much progress regarding SDG 6 have we made since the launching of the 2030 Agenda for Sustainable Development in 2016?

- Before COVID-19, despite the progress
 - 2.2 billion people lack safely managed drinking water
 - 4.2 billion people lack safely managed sanitation
- During / after the pandemic
 - 3 billion people worldwide lack basic handwashing facilities at home
 - 40% health care facilities worldwide have no soap and water or alcohol-based hand rub
 - Some countries experience a funding gap of 61% for achieving water and sanitation targets
- Water scarcity could displace 700 million people by 2030 ¹
- Achieving SDG WASH targets in Africa will require a dramatic acceleration in current rates of progress



(reference: UN Video- 08 SDG 6)

Q3: What are the key challenges in implementing this particular SDG?

- Difficult to reach
 - Non-urban areas can hardly afford the cost of water purification equipment

¹ Access more data and information on the indicators at <http://unstats.un.org/sds/report/2020/>

and toilets

- Resources
- Lack of understanding
 - The seemingly clean rural water sources may be at risk of parasites and seawater pollution
- Fragile States
- Lack of political will
 - Governments are not actively improving, because it is not showy political achievements.
- Climate Risk

**Q4: Is there a good practice example in implementing this SDG goal?
Can you give an example where young people have been active in contributing to this SDG Goal?**

- Youth networks and Become a member of human right 2 water- it's free! ²
- Webinars
- Country Coordinators
- The Youth Forum organized by SWA (Swiss Water Association)

Q5: Which area(s) do you suggest for young people to engage or participate in order to achieve this SDG Goal?

- Citizen Science
- Data gathering
- Investigate the quality of water sources around you, like MiniSASS ³
 - Palmiet Catchment Rehabilitation Project MiniSASS in action
- Participating in the training and forum about water issues

² www.humanright2water.org/human-right-2-water-youth/

³ www.minisass.org