

Sida's work and priorities on water sciences

Maria van Berlekom, Lead Policy Specialist Environment and Climate Change



Sweden supports

Two main areas:

- Water supply, sanitation, hygiene and waste management
- Water Resource Management

Specific areas/approaches include eg

- Sector reforms and capacity of the water authorities
- Anti-Corruption and increased transparency
- Water and conflict mgmt.; TBWM
- Water and wastewater treatment
- Water/sanitation – humanitarian operations
- Water and HRBA, gender (incl menstrual hygiene)
- Water and climate change



Many issues relevant for Sida to consider in relation to SDG6:

Water insecurity— water scarcity; lack of access to safe drinking water and sanitation services, hydrological uncertainty; extremes (floods and droughts) - climate change

- **Fragile States**
- **WASH in Urban Areas – (The health in Slums)**
- **WASH & AMR; WASH in Health Care Facilities; links Nutrition and Stunting**
- **Gender and Inclusion**
- **Governance (Transparency, Integrity, Anti-Corruption)**
- **Links SDG6 and SDG 14: eg waste and pollution (incl micro-plastics)**

Strategies and implementation channels

GLOBAL

- WaterAid
- CLIFF REALL
- WIN
- WATERLEX
- World Bank
- ADB
- SIWI
- GWP
- SWFF
- WRG
- FN system
 - ✓ UNOPS -WSSCC/GSF
 - ✓ UNICEF WASH
 - ✓ UN-Water
 - ✓ UNDP – Oceans & Governance Program

REGIONAL

- Mekong
- MENA
- Collaboration of International Water in Africa, CIWA
- The Nile
- Okavango
- Pungwe
- ECOWAS
- EU-Sida-Joint Africa EU Sida (JAES)

BILATERAL

- Kenya
- Burkina Faso
- Mali
- Bolivia
- Bangladesh
- Somalia
- Gaza/Palestine
- Former Eastern Europe
 - ✓ Bosnia
 - ✓ Ukraine
 - ✓ Albania

Sida's cooperation with UNESCO

UNESCO 2014 - 2017	total 400 MSEK (≈ US\$47 million)
• Education Sector	280 MSEK (≈ US\$33 million)
• Communication and Information Sector	62 MSEK (≈ US\$7.3 million)
• Science Sector	38 MSEK (≈ US\$4.5 million)
• Culture Sector	19 MSEK (≈ US\$2.2 million)

UNESCO Science – 8 projects:

Water and Sanitation Research – Water Services

- ❖ *African Drought Early Warning System Expansion to Southern Africa*
- ❖ *Emerging Pollutants in Wastewater Reuse in Developing Countries*

Strategy for Research Cooperation 2015-2021

Overall objective:

‘Strengthened research of high quality and of relevance to poverty reduction and sustainable development’

Sida:

- Capacity-building for research, primarily in low-income countries and regions
- Global, regional and national research of relevance to low-income countries and regions
- Promotion of research that, through innovation, can contribute to poverty reduction and sustainable development

Swedish Research Council:

- Swedish research of relevance to poverty reduction and sustainable development in low-income countries

Other examples of supported research:

- **Bio-Innovate:** *‘Converting agro-industrial waste into business opportunities’, in East Africa*
 - Removal of pollutants
 - Production of biogas
 - Nutrient recovery
- * Bilateral cooperations,