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**

<table>
<thead>
<tr>
<th>Sector</th>
<th>Amount</th>
<th>Approx. USD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education Sector</td>
<td>280 MSEK</td>
<td>≈ US$33 million</td>
</tr>
<tr>
<td>Communication and Information Sector</td>
<td>62 MSEK</td>
<td>≈ US$7.3 million</td>
</tr>
<tr>
<td>Science Sector</td>
<td>38 MSEK</td>
<td>≈ US$4.5 million</td>
</tr>
<tr>
<td>Culture Sector</td>
<td>19 MSEK</td>
<td>≈ US$2.2 million</td>
</tr>
</tbody>
</table>

**Total**: 400 MSEK (≈ US$47 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*
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,