



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

SOUTH AFRICA - WSSLG

DWS - SUSTAINABLE DEVELOPMENT GOAL 6

Presented by:

Mark R Bannister – Chief Engineer, Department of Water & Sanitation





Transition From MDGs to SDGs

From MDGs
(2000-2015) – 8 Goals,
21 Targets, 60 indicators

MDGs - halving extreme poverty and hunger to promoting gender equality and reducing child mortality, by the target date of 2015”



To SDGs (2016-2030) – 17 Goals,
169 Targets, 304 indicators

SDGs - to develop a new set of Sustainable Development Goals (SDGs) which will carry on the momentum generated by the MDGs and fit into a global development framework up to 2030



3:10 PM

SDG Background

- ✓ The **Sustainable Development Goals (SDGs)** (or **Global Goals for Sustainable Development**) are a collection of 17 global goals set by the United Nations Development Programme
- ✓ The Sustainable Development Goals (17 in Total) were endorsed “without reservations” by all Heads of State, including South Africa, on 25 September 2015.

SDG 6 MONITORING AND REPORTING

SDG 6 – Ensure availability and sustainable management of water and sanitation for all
1 Goal - 6+2 Targets - 11 Global Indicators



**Achieving
SDG 6 is
essential for
progress on
all other 17
SDGs as it is
cross-
cutting and
vice versa**



SDG 6 - Targets

6 CLEAN WATER AND SANITATION



“Ensure availability and sustainable management of water and sanitation for all”

Integrated management
– across sectors and regions – balancing competing needs

6.4
Water use and scarcity

6.3
Waste-water and water quality

6.5
Water management

6.a and 6.b
Cooperation and participation

6.2
Sanitation and hygiene

6.6
Ecosystems

6.1
Drinking water

SDG 6 global indicators

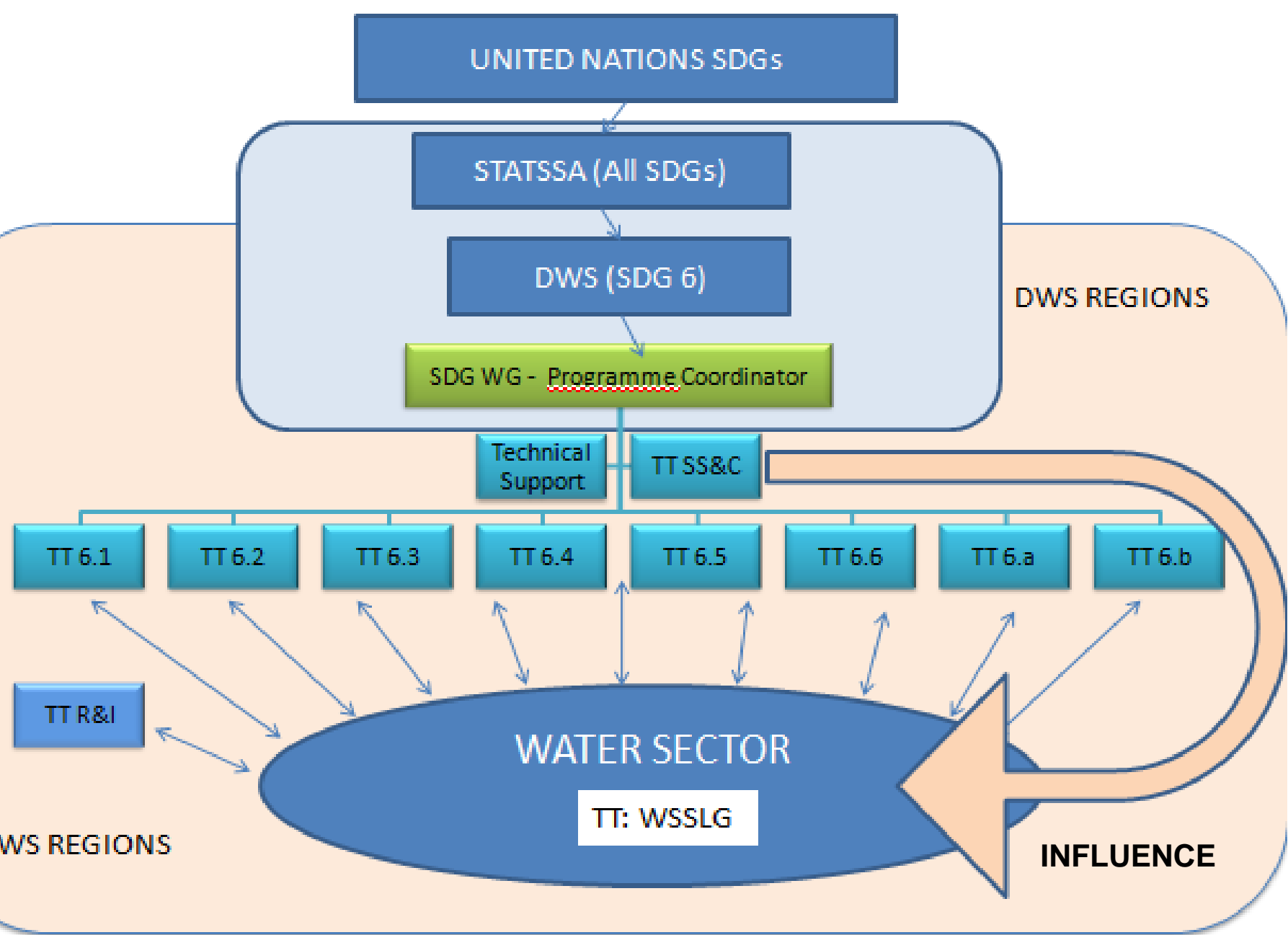


6.1.1	Safely managed drinking water services (WHO, UNICEF)
6.2.1	Safely managed sanitation and hygiene services (WHO, UNICEF)
6.3.1	Wastewater safely treated** (WHO, UN-Habitat)
6.3.2	Good ambient water quality** (UNEP)
6.4.1	Water use efficiency** (FAO)
6.4.2	Level of water stress* (FAO)
6.5.1	Integrated water resources management (UNEP)
6.5.2	Transboundary basin area with water cooperation** (UNECE, UNESCO)
6.6.1	Water-related ecosystems** (UNEP)
6.a.1	Water- and sanitation-related official development assistance that is part of a government coordinated spending plan (WHO, UNEP, OECD)
6.b.1	Participation of local communities in water and sanitation management (WHO, UNEP, OECD)

DWS Structure and Functions

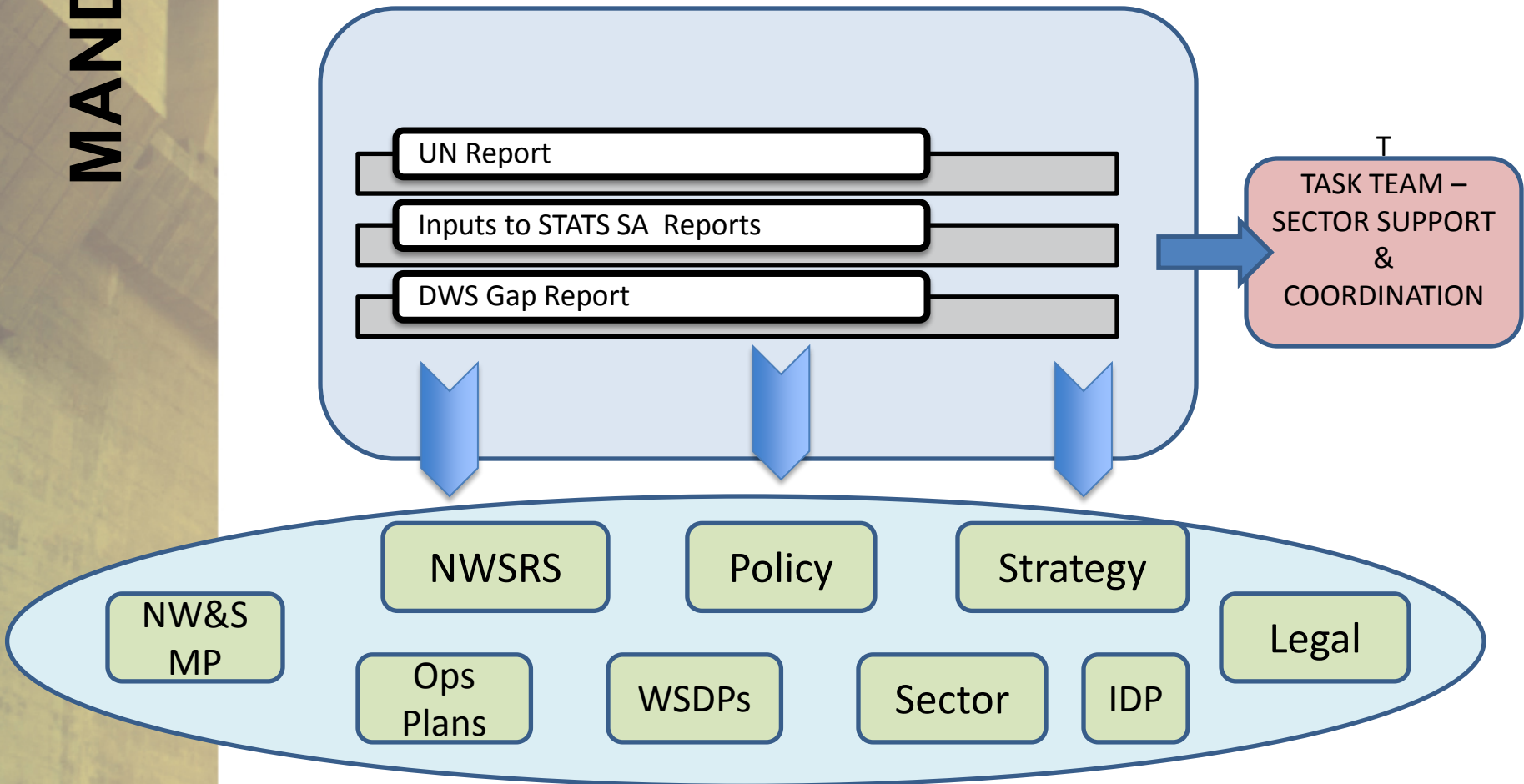
- A DWS SDG Working Group (SDGWG) was established within the Branch Planning & Information
- Under the SDGWG, 11 Task Teams have been initiated, (2 of the 11 are still to become operational) each reporting to the SDG Working Group.
- Each Task Team relates to one of the specific 8 sub-goals/targets of Goal 6.
- Each Task Team comprises a Leader and 5- 8 individuals who are experts within their field of responsibility to support in the delivery of Reports.
- SDG Programme – taking it from National to Local
- Influence different vehicles to implement the required change

STRUCTURE



MANDATE

TASK TEAM



DWS Structure and Functions (cont)

- There are 3 additional Task Team (to make up the 11) –
 - TT_Sector Support and Coordination - designed to communicate progress and notices to all sector stakeholders besides providing guidance support and capacity building initiatives to the sector.
 - TT_Research & Innovation, led by the WRC to assist other TT's in providing appropriate solutions to challenges in the Sector
 - TT_WSSLG - To oversee the Goal 6 programme from a sector perspective, analyse the Gaps identified within the 8 targets and **strategise / mobilise / influence** how best the sector can turn around shortfalls to meet the targets.

Alignment with Current Programmes

- The SDG 6 (Water & Sanitation) target is in line with
 - A key driver of the National Water & Sanitation Master Plan
 - Vision 2030 (the National Development Plan)
 - MTSF Outcome targets
 - Department of Water and Sanitation APP
 - NWSRS
 - African Ministerial Council on Water
 - Africa Agenda 63

SDG 6 - Targets

SDG 6 contains 6 Targets and 2 Sub-targets, all focusing directly on water services (including sanitation) and water resource management to be achieved by 2030, namely:

- 6.1, achieve universal and equitable access to **safe and affordable drinking water** for all
- 6.2, 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)

SDG 6 Targets

- 6.3, 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
- 6.4, substantially increase **water-use efficiency** across all sectors and ensure sustainable withdrawals and supply of freshwater to address withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

SDG 6 - Targets

- 6.5, implement integrated **water resources** management at all levels, including through **transboundary** cooperation as appropriate
- 6.6 By 2020, protect and restore water-related **ecosystems**, including mountains, forests, wetlands, rivers, aquifers and lakes



SDG 6 Sub-targets

- 6.a, expand **international cooperation** and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies
- 6.b Support and strengthen the participation **of local communities** in improving water and sanitation management

SDG 6 Successes To Date



- DWS SDG Working Group is operational
- 9 x Task Team have been established
- Terms of Reference / Action Plans approved for each Task Team
- 5 Reports submitted to UN to date and a further 4 reports to STATSSA
- National / Regional role out
- Regional Workshops (Next 12 months)
- Sector Workshops (Ongoing as required by Regions)
- DWS SDG Web Page
- What is key - closing the gaps identified within the Targets. How can the WSSLG support in this regard?

SDG 6 Challenges To Date

- The Sector needs money to address the Gaps that exist towards the 2030 SDG targets.
- We need an enabling environment to spend this money efficiently, effectively and sustainably. Many sector stakeholders are underperforming
- Inconsistency in data in the sector contributes towards measuring the accuracy of these gaps
- Water is undervalued – (235 l/day (SA) compared with 173l/day (world average). In efficiencies across the sectors.
- How can WSSLG help in addressing such challenges?
- How can WSSLG assist in closing the target Gaps?

Role of WSSLG TASK TEAM

- Support DWS in meeting the SDG 6 2030 Objectives through the SDGWG
- Alignment with the SDGWG and its initiatives
- Influencing / Mobilising Regional Stakeholders in addressing Gaps towards 2030
- To collaborate with Task Team Sector Support and Coordination (TT_SS&C),
- To support information exchange and communications between sector role players
- To play an advocacy role, mobilise resources and facilitate coordination of funding opportunities to achieve the targets of the SDG 6
- Inform the Sector of advancement and achievements as we proceed
- Sector workshops

Populate Forms

- If you are interested to be part of the TT - WSSLG, pls fill your details on the forms provided in the meeting room
- Identify the Category you represent and the SDG Target you are interested by writing the relevant **number** from the table (ie Category **12**; SDG Target **6.4**)

PROPOSED MEMBERS OF THE TASK TEAM – WSSLG						
No.	Name	Organisation	Category	Email	Cell	SDG Target
1						
2						
3						
4						
5						

SECTOR CATEGORIES

- | | | |
|--|--|---|
| <ol style="list-style-type: none"> 1. Department of Water and Sanitation 2. Department of Agriculture, Forestry and Fisheries 3. Department of Cooperative Governance and Traditional Affairs 4. Department of Environmental Affairs 5. Department of Human Settlements 6. Department of Rural Development and Land Affairs 7. Department of Mineral Resources 8. Department of Energy 9. National Treasury 10. Presidency | <ol style="list-style-type: none"> 11. National Planning Commission 12. Water Research Commission (WRC) 13. Energy SETA 14. Established Catchment Management Agencies 15. Trans-Caledonian Transfer Authority (TCTA) 16. South African Association of Water Utilities (SAAWU) 17. SA Association of Water User Associations 18. SA Chamber of Mines 19. Forestry SA 20. <u>Organised</u> Local Government: SALGA 21. <u>Organised</u> Agriculture: <u>AgriSA</u> & NAFU | <ol style="list-style-type: none"> 22. <u>Organised</u> Private Sector : BUSA, SABBACO, SAACE & SAICE 23. <u>Organised</u> Civil Society 24. National Water Advisory Council 25. Provincial Water Forums 26. Development Bank of Southern Africa (DBSA) 27. International Development Partners: EU, DANIDA, Irish Aid, JAIDA, DFID 28. Institutes: IMESA, WISA, IMFO, SAICE 29. Research Institutions: ARC, CSIR, WRC & WIN-SA 30. Strategic Water Use Industries: ESKOM & SASOL |
|--|--|---|

SDG TARGETS

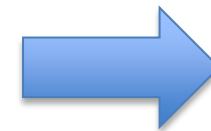
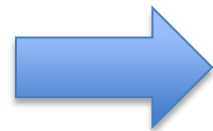
6.1	achieve universal and equitable access to safe and affordable drinking water for all
6.2	achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations
6.3	improve water quality 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
6.4	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
6.5	implement integrated water resources management at all levels, including through <u>transboundary cooperation</u> as appropriate
6.6	By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes
6.a	expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies
6.b	Support and strengthen the participation of local communities in improving water and sanitation management

SDG 6 - Key Messages

- **Achieving SDG 6 is essential for progress on all other SDGs and vice versa.** Sustainable management of water and sanitation underpins wider efforts to end poverty, advance sustainable development and sustain peace and stability.
- **The time to act on SDG 6 is now.** The world is not on track to achieve the global SDG 6 targets by 2030 at the current rate of progress.
- **Global SDG 6 targets must be localized and adapted to the country context.** National governments must decide how to incorporate SDG 6 targets into national planning processes, policies and strategies, and set their own targets, taking into account local circumstances.
- **Effective water resources management needs more and better data.** Data underpin good water governance. Less than half of Member States have comparable data available on progress made towards SDG 6 target

National Water & Sanitation Master Plan

- SDG Programme identifies the gaps that exist in reaching 2030 objectives and monitors progress.
- The SDG Programme informs relevant 'vehicles' such as the NW&SMP to translate these Gaps into Actions that can be implemented by the Sector, towards the 2030 objectives



2030

Mark R Bannister Pr Eng. C.Eng.MIMechE FWISA

Department of Water & Sanitation

Chief Engineer - Water Services & Local Water Management

Tel: 012 336 8841

Fax: 012 336 6700

Cell: 082 494 8145

Email: bannisterm@dws.gov.za

