



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION

TERMS OF REFERENCE

FOR

**THE SUSTAINABLE DEVELOPMENT GOALS
SUB GOAL 6.4 TASK TEAM**

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1. BACKGROUND

The Sustainable Development Goals (SDGs) of the 2030 Agenda for Sustainable Development, were endorsed "without reservations" by 193 countries, including South Africa, on 25 September 2015 at the United Nations. The purpose/aim of the 17 SDGs is to end poverty, hunger and inequalities; take action on climate change and environment; improve access to health and education; build strong institutions and partnerships etc. The SDG goals and targets came into effect on 1 January 2016. The target date for outcomes to be achieved is 2030. The SDG targets are indeed valid for and applicable to South Africa.

South Africa has embraced the opportunity to deliver on the SDG requirements and improve water security and the service of water and sanitation business to its people. The President further committed the country during the recent World Water Week which took place during March 2017 in South Africa, and where he also called for urgent action. The SDGs will guide the decisions taken within South Africa over the next fifteen years. They are also in line with the Vision 2030 (the National Development Plan) as well as MTSF Outcome targets. The Statistics South Africa (STATSSA) is the focal point for all 17 SDGs in the country.

Of these 17 goals to be attained by 2030, Goal 6 is a dedicated clean water and sanitation goal, with the objective to ensure access to clean water and sanitation for all. However, it is acknowledged that water is inherently reflected and/or implied in various other goals. The Department of Water and Sanitation through the Deputy Director General: Planning & Information is responsible to oversee the implementation of SDG 6 in SA in collaboration with STATSSA. The SDG 6 contains 8 Sub goals all focusing directly on water services (including sanitation) and water resource management. Each Sub goal contains a number of Global Indicators which Task Teams will be responsible to report on and are highlighted in each specific ToR. The 8 Sub goals include:

- 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 transboundary cooperation 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.

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To facilitate the implementation of SDG 6 programme, the DWS has established a Working Group within the Branch Planning & Information. The working group is an overarching forum that provides strategic direction to various task teams of various SDG 6 Sub goals. Each task team is therefore expected to develop their own ToR including an action plan on how data specific to its Sub goal and Global Indicators is going to be collected, processed, analysed, reported, etc. It is also the responsibility of task teams to develop indicators and monitoring programmes to monitor the achievement of targets of their respective targets and indicators.

2. THE SUSTAINABLE DEVELOPMENT GOAL SUB GOAL 6.4

The Sub goal description is that 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. The sub goal/Target 6.4 consists of two indicators:.

- **Indicator 6.4.1.: Change in water use efficiency over time**

The rationale behind this indicator consists of providing information on the efficiency of the economic and social usage of water resources, i.e. output generated by the use of water in the different main sectors of the economy, and distribution network losses.

The distribution efficiency of water systems is explicitly considered only for the municipal sector, but it is nonetheless implicit within the calculations also for the other sectors, and could be made explicit if needed and where data is available.

- **Indicator 6.4.2: Level of water stress: fresh water withdrawal as a proportion of available fresh water resources**

The purpose of this indicator is to show the degree to which water resources are being exploited to meet the country's water demand. It measures a country's pressure on its water resources and therefore the challenge on the sustainability of its water use. It tracks progress in regard to "withdrawals and supply of freshwater to address water scarcity", i.e. the environmental component of sub goal 6.4.

The indicator shows to what extent water resources are already used, and signals the importance of effective supply and demand management policies. It indicates the likelihood of increasing competition and conflict between different water uses and users in a situation of increasing water scarcity. Increased water stress, shown by an increase in the value of the indicator, has potentially negative effects on the sustainability of the natural resources and on economic development. On the other hand, low values of the indicator indicate that water does not represent a particular challenge for economic development and sustainability.

3. SUB GOAL 6.4 TASK TEAM GOVERNANCE STRUCTURE

The SDG Sub goal 6.4 Task Team has been established within the Branch Planning & Information and will be reporting to the SDG 6 Working Group.

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The Task Team will consist of the following members:

- Thabo Masike (Team Leader)
- Khumbu Moyo
- Patrick Mlilo
- Chris Moseki
- Michael Singh
- ZokufaTandi
- Sakhile Mamba
- Nomathemba Mazwi
- Anet Muir

The Task Team will be known as the 'SDG 6_TT_ 6.4' and will be Chaired by the Task Team Leader. Participation may be extended to external stakeholders including STATSSA, CoGTA, MISA, SALGA and WRC for example, if required.

4. FUNCTIONS OF SUB GOAL 6.4 TASK TEAM

There are 3 key functional areas for which this Task Team is responsible; these are further broken down on the action plan. These include:

- Stakeholder identification and analysis
- Data and information gathering and interpretation
- Reporting

Generic Functions

- The Task Team leader will coordinate Monthly meetings as required with each of his Task Team members to assess progress, challenges and other points of discussion. Minutes will be maintained accordingly and copied to the Programme Coordinator for information including all internal correspondence pertaining to a specific indicator.
- The Task Team Leader to participate on Quarterly SDG6WG meetings
- To Provide quarterly progress reports to the SDG6 Working Group on the status of the Sub Goal / Global Indicators and mitigation measures to address challenges that exist
- To consider other areas of importance relating to the Sub goal / Global Indicators as they arise and assess the level of support, if any.
- To review this ToR on an annual basis in line with the action plan and revise accordingly.
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5. CHAIRING AND SECRETARIAT OF THE TASK TEAM

- The SDG 6.4 Task Team will be chaired by the Task Team Leader, Mr Thabo Masike.
- The Directorate: Water Use Efficiency, will provide the Secretariat support function.

Frequency of meetings

- The Task Team shall meet on a Monthly basis. Below is the proposed schedule of meetings:

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- **Proposed Schedule of Task Team meetings**

Meetings	Date
1 st meeting	20 June 2018
2 nd meeting	25 July 2018
3 rd meeting	22 August 2018
4 th meeting	19 September 2018
5 th meeting	24 October 2018
6 th meeting	21 November 2018

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6. ACTION PLAN

This Action Plan will be reviewed bi-annually in the first year and annually from thereon, once additional information from the UN becomes available.

Indicator 6.4.1.: Change in water use efficiency over time							
Number	Baseline	Programmes in support	Intervention/Activity	Outcome	Responsibility	Timeframe	Risk
1	<ul style="list-style-type: none"> 1 Internal Task Team meeting held in 2017 	<ul style="list-style-type: none"> SWPN – as per support on No Drop and water use efficiency irrigation schemes Chamber of Mines – as per support in development of SWAF and Mining Benchmarks WRC – Compendium of Mining studies WCWDM Provincial champions workshops DWS/Denmark MOU – Urban 	<ul style="list-style-type: none"> Identify key internal and external stakeholders who must contribute towards sub goal 6.4 reporting Send invitations to the stakeholders to participate/for m part of the task team Host a workshop on the method of computation and reporting 	<ul style="list-style-type: none"> Stakeholder database Capacitated stakeholders Capacitated Stakeholders 	<ul style="list-style-type: none"> Task Team Task Team 	<ul style="list-style-type: none"> May 2018 July 2018 	<ul style="list-style-type: none"> Unavailability of stakeholders Unavailability of stakeholders

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Indicator 6.4.1.: Change in water use efficiency over time

Number	Baseline	Programmes in support	Intervention/Activity	Outcome	Responsibility	Timeframe	Risk
2	2017 SDG report on the indicator	<p>Water Track</p> <ul style="list-style-type: none"> Provinces - DWS Master Plan consultations Reconciliation studies SSCs Municipalities - Training of municipalities on Water balance 	<p>for sub goal 6.4</p>		Task Team	Ongoing	Lack of credible data
		<ul style="list-style-type: none"> Status of water losses in 8 Large water supply Systems National State of Non-Revenue Water No Drop Program Implementation of WAS and WUEAR 	<p>Identify internal and external data sources</p> <p>Customise the data collection template</p> <p>Collection and interpretation of data and information</p> <p>Reporting as required</p>	Credible reporting			

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Indicator 6.4.1.: Change in water use efficiency over time

Number	Baseline	Programmes in support	Intervention/Activity	Outcome	Responsibility	Timeframe	Risk
		<ul style="list-style-type: none"> • SWAF development • Municipal Master Plans, WSDPs and IDPs (Steven Marais) • WC/WDM Plans by mines 					

Indicator 6.4.2: Level of water stress: fresh water withdrawal as a proportion of available fresh water resources

2017 SDG Report on the indicator	<ul style="list-style-type: none"> • National water and Sanitation Master Plan • Reconciliation strategy studies • Feasibility studies for bulk water supplies • National groundwater strategy • Water quality strategy • Water 	<ul style="list-style-type: none"> • Update of the indicator 	Improved calculator tool	Task team Programme managers in DWS	June 2018	-	Non acceptance of the localisation or improvements in the calculator
		<ul style="list-style-type: none"> • Outreach to trans-boundary water organisations as stakeholders for reporting • Outreach to other 	Stakeholder awareness raised	Task team	Ongoing		

Indicator 6.4.1.: Change in water use efficiency over time

Number	Baseline	Programmes in support	Intervention/Activity	Outcome	Responsibility	Timeframe	Risk
		monitoring network • International water management • WRC 2012 report and updates	stakeholders like WRC, and Municipalities for data • Calculation of the indicator at year end	Updated indicator	Task team	March 2019	

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7. DURATION OF THE TASK TEAM

The SDG Task Team will continue until instructed otherwise.

8. ADOPTION OF TERMS OF REFERENCE

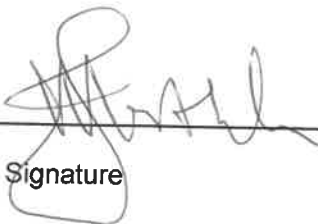
We/I hereby accept this agreement and commit to adhere to the stipulations as set out in the document.

Mr Thabo Masike
Task Team Leader

 Signature

23/04/2018
Date

Mr Moloko Matlala
Programme Coordinator

 Signature

24/04/2018
Date

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