

# SDG 6

## 2019 GAP / ACTIONS TO INFLUENCE



## NW&SMP / OTHER

**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.**

TARGET SPECIFIC (6.4) DESCRIPTION		VEHICLES OF CHANGE					
No.	GAP	ACTION	NW&SMP – Is it covered already ?	NW&SMP – Can this be a new action?	OTHER (NWSRS, Legislation etc)	Comments	Estimated Budget
1	There has been no comprehensive national water balance at catchment level done since the NWSRS 1 (2004) issued balances which directly impact 6.4.2 calculation disaggregation	1) Carry out the Study(Project) as a matter of priority within DWS with stakeholder involvement (water sector) 2) Participate in Pilot Study proposed by FAO on disaggregation of Indicator 6.4.2 at sub Basin level	High level water balance was issued	yes	NWRS  APP Project of DWS  Request approval from Acting DG to participate in Pilot Study and request	It is currently a priority project in NWRP Directorate with a TOR already developed and procurement processes progressing for a PSP.  The pilot study aims to disaggregate the SDG 6.4.2 indicator at catchment/basin level which gives a better reflection of the level of water stress in the primary drainage areas in South Africa and also accounting	To cover the whole country provisional cost of Study has been put at R30M for 3 years  FAO has drafted a Letter of

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					WRC to administer the project.	for the inter basin transfers.	Agreement and a the Terms of reference of the Study with an provisional budget of USD 40 000
2	Improving EWR calculation as per FAO developed guidelines which is part of 6.4.2 calculation :water stress	Adapting current methodology on current FAO calculation sheet  Attending training workshops to better understand EWR calculation.  Organise external workshop with stakeholders in the water sector to solicit	no	no	NWRS	DWS participated in an expert workshop by FAO where the refining of the methodology for EWR. It was evident that the methodology adopted is has been implemented in South Africa and RSA as a country is significantly ahead in classifying their river systems in Environmental Management Classes for both resource quantity objectives and	Budget for a virtual meeting on Zoom platform or Microsoft teams.

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		further inputs and confidence in FAO approach.				Resource quality objectives.	
3	There is lack consistent and accurate water use and water loss data in all major water use sectors (Agriculture, Industry and Municipalities)	Develop tools and web based systems that will enable data collection and verification of such data	No	Yes	NWRS Regulations Licence Conditions WC/WDM Strategies	The existing tools and systems are not web based and not integrated. The approval to integrated and develop WUE web based system by the CIO and top management is crucial.	The estimated amount required to develop a WUE web-based management system R10M
4	Baseline critical information for each sector	Collection of the information per sector as per FAO questionnaire	No	No		SWPN has already undertaken the exercise of collecting data for the Agricultural sector which will assist us to populate the FAO questionnaire	Internal

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5	Lack of integrated approach to efforts/projects that seek to support the achievement of interrelated SDGs.	Establishment of forums where Interrelated SDGs will share the information(e.g. SDG 6.4 with 8, 12 and 13)	No	No	Intergovernmental relations Act	Establishment of integrated working group for interrelated SDGs to ensure collaborative efforts are taken.	
6	Lack of data to assist DWS to respond effectively to FAO questionnaire (power irrigated area, percentage of irrigated areas per crop type crop production, drainage-wetland cultivated and impacts of irrigation on environment	Liaison between DWS and sector stakeholders to ensure future data availability on the power irrigated area, irrigation production, drainage and impacts of irrigation on environment.	No	No	DAFF Regulations  WC/WDM Strategies	DWS to work with DAFF to develop strategies for information sharing.	

Note:

1. This Table provides a simple overview of the Actions that come from your own Target Gap report and clarifies which ‘Vehicle of Change’ it can influence and how.
2. You are required to populate the above Table for your own Target - An example is shown in the Table.

3. Pls include up to 6 priority Gaps/Actions from your Target and include this Table as part of your Gap Report