



**“ A bottom-up approach - a solution to decision making challenges in the water energy food nexus and SDGs implementation ”**

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WATER IS LIFE, SANITATION IS DIGNITY

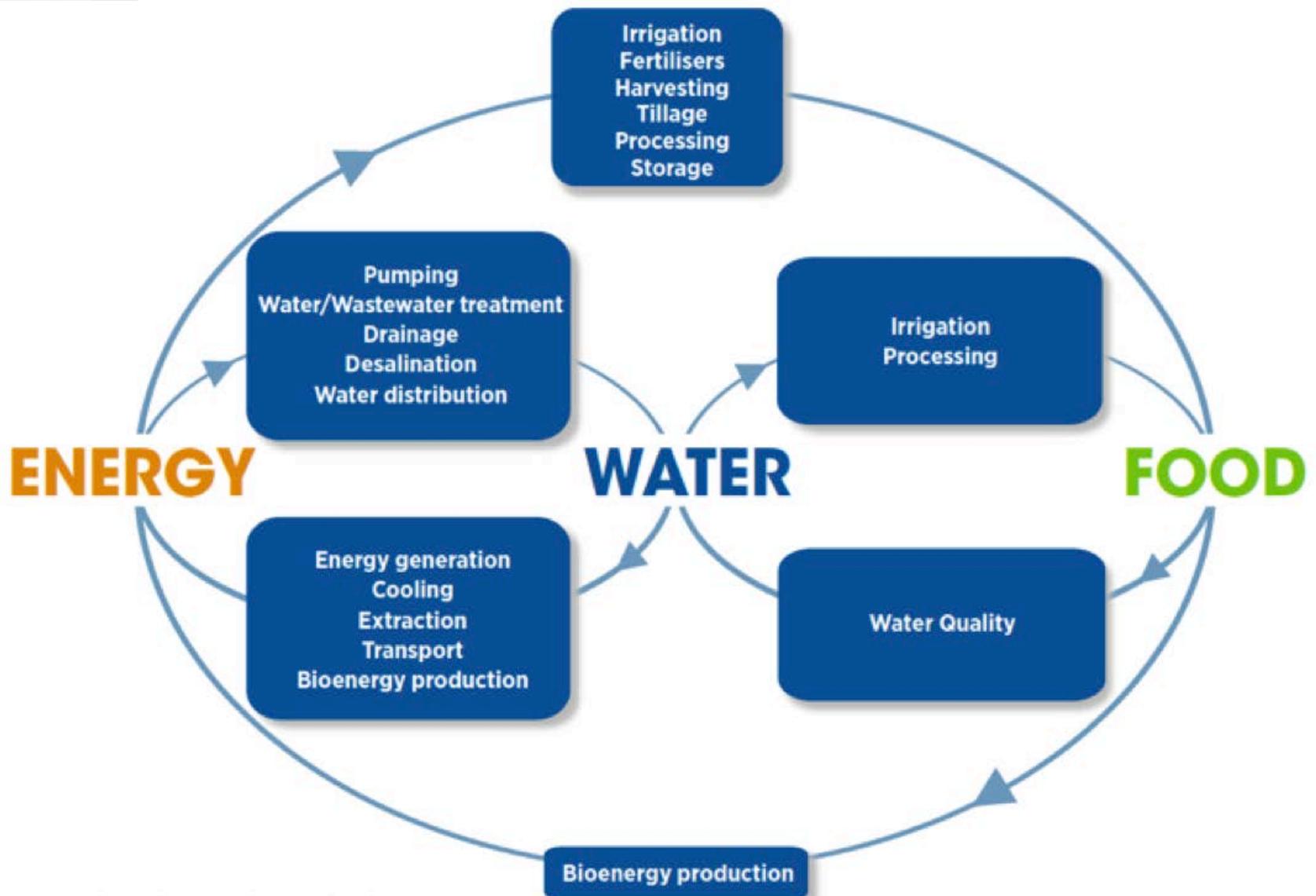
# Introduction

- “only the wearer who knows best where the shoe pinches”
- WEF actions in one sector may have impacts in one or both other sectors.
- Synergies between the sectors and trade-offs necessary all SDGs
- Access to water contributes towards achievement of SDGs
- The bottom up approach is important in a complex water-energy-food nexus issues

# Foundation of SDGS in South Africa

- Constitution-1996
- Water Policy-1997
- Water Services Act-1997
- Water Act-1998
- Strategic framework for water services 2003
- NDP 2012
- 2013 Water Policy Position
- NWRS2-2013
- Biofuels Policy - 2015
- Draft Hydropower and Climate Change policy
- Draft Mine Water Management Policy
- Draft Rural Livelihoods Policy

# Water-Energy-Food Nexus



# Bottom up approach when making decisions

## Policy and Planning Review and Regulatory Audits

- Achieving W-E-F nexus and SDGs requires both horizontal and vertical integration of W-E-F nexus approach into government planning, and needs to involve all sectors of society.
- The South African water and sanitation sector has a number of levels of water and sanitation planning.
- CMA level - Draft Water Stewardship Policy – Gold Drop
  - Local institutions / arrangements

## The planning horizon for the water sector is then as follows:

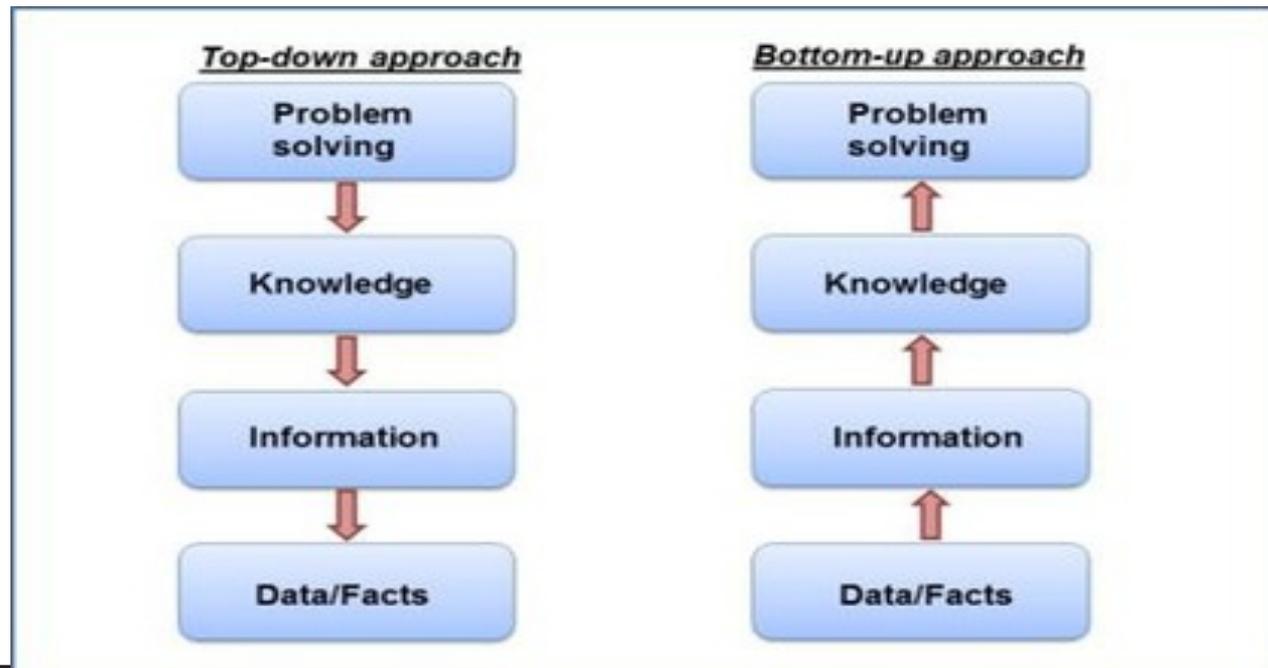
- National water resources strategy (NWRS)
- Climate change response strategy for the water sector
- Water Services Development Plans

# Partnerships

- Stakeholder participation is key in the full realization of the objective of W-E-F nexus approach and SDGs
- Community Forums
- Government to Government committees/relations
- Research Institutions and Parastatals
- SWPN – Business and Government
- MOUs – Draft WWF and DWS
  - Institutional establishment
  - Water Stewardship
  - Water Source Areas
  - Mine Water Management

# Bottom up approach –solution to decision making

- Starting at a grass root level to identify the burning issues
- Water development and management in a participatory approach-evidence policy development (users, planners & policy makers at all levels)
- Evidence-based Policy making



# Conclusion

- The department support the water-energy food nexus approach and SDGs goals
- There should be an integrated approaches to managing water, energy and food security, as policymakers we consider this nexus when developing policies to achieve SDGS goals.



# THANK YOU