



**water & sanitation**

Department:  
Water and Sanitation  
**REPUBLIC OF SOUTH AFRICA**

# **ONLINE TRAINING WORKSHOP ON FAECAL SLUDGE MANAGEMENT: PROGRESS WITH SANITATION PLANS**

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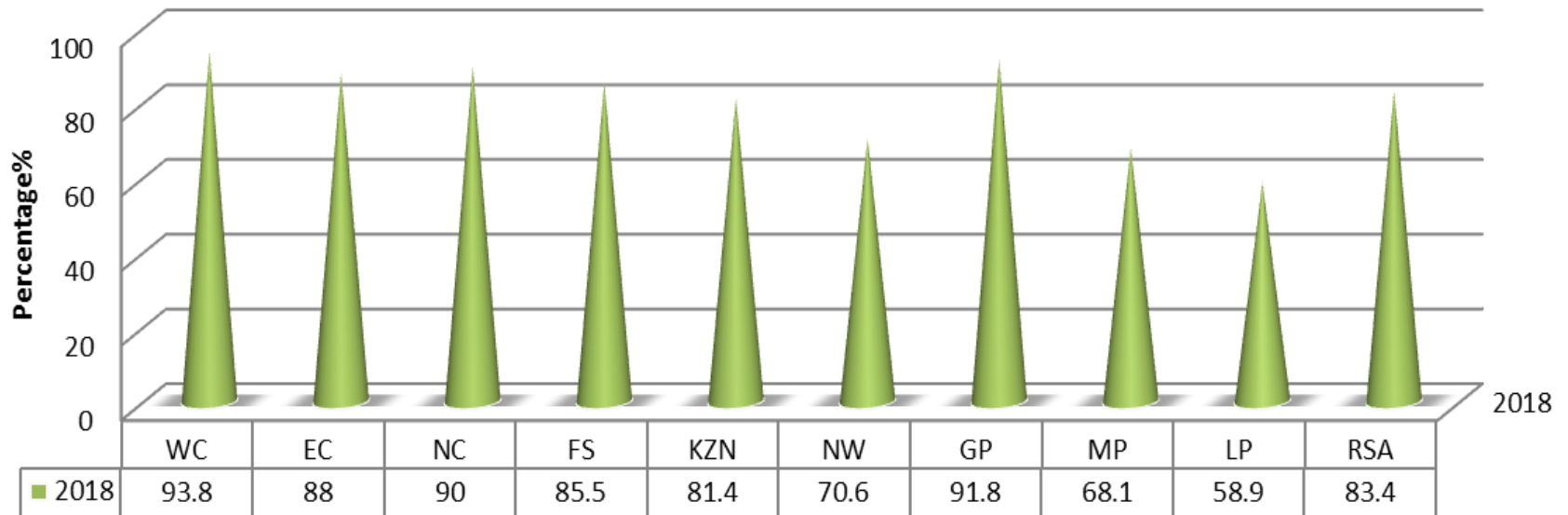
# PRESENTATION OUTLINE

- Access to sanitation services
- Current sanitation systems in SA
- National targets for sanitation services
- NW&SMP Action: Managing effective water & sanitation services
- Aligning of NW&SMP with National Sanitation Integrated Plan
- Aim of developing National Sanitation Integrated Plan
- Development of National Faecal Sludge Management Strategy
- Conceptualisation of National Faecal Sludge Management Strategy
- Sanitation Plans

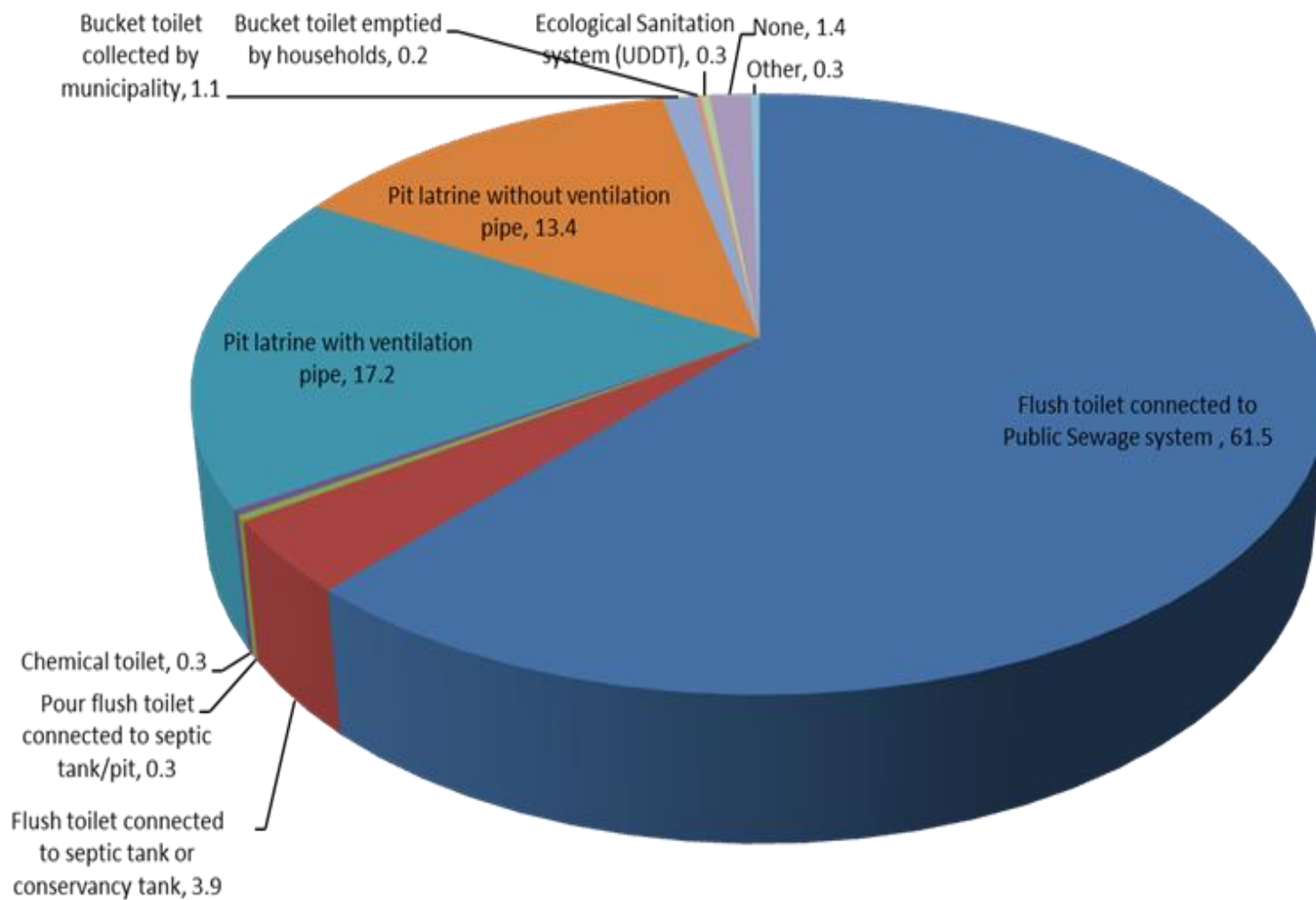
# ACCESS TO SANITATION

- SA has made a major policy shift through the development of National Sanitation Policy (2016). It considers policy positions across the entire sanitation value chain.
- Sustainable Development Goal 6.2 on Sanitation and Hygiene target: By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defaecation paying special attention to the needs of women and girls and those in vulnerable situations.
- South Africa has made large strides in eradicating sanitation backlogs.
- Households with access to improved sanitation, increased from 49% in 1996 to 83% in 2018 (STATS SA 2019).
- Despite this progress, there are still challenges of providing universal access to the remaining 17% of households with sustainable sanitation solutions.

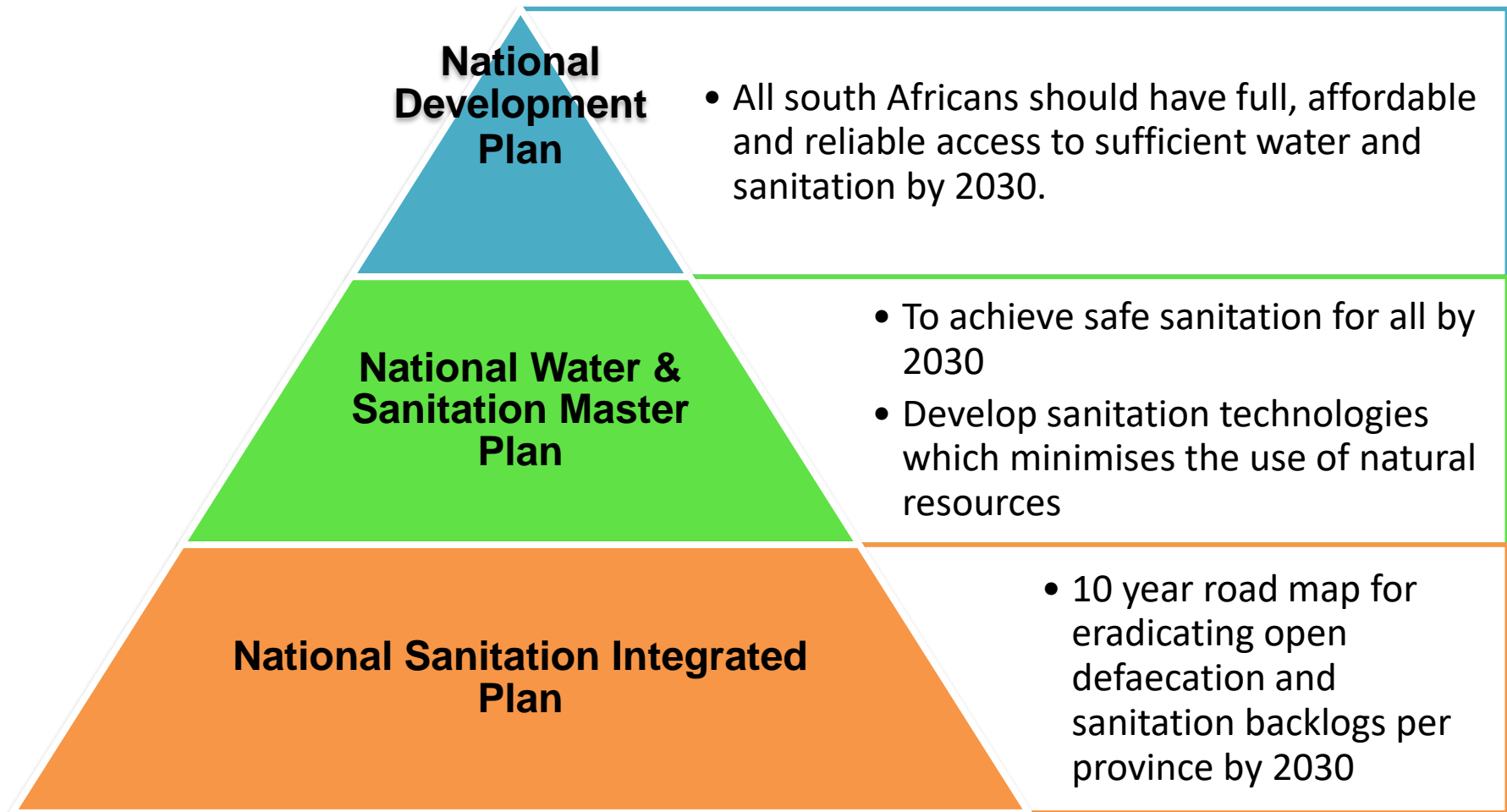
# % of Households with access to sanitation per province in 2018 (STATS SA, 2019)



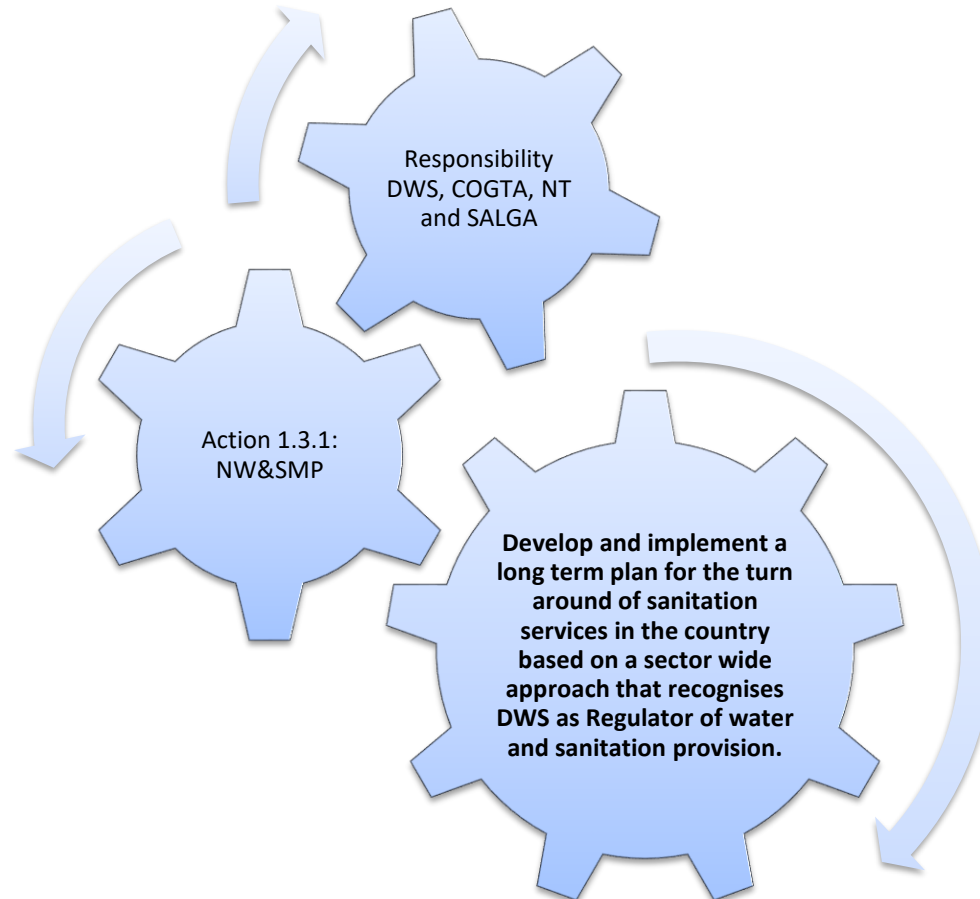
# CURRENT SANITATION SYSTEMS IN SA



# NATIONAL TARGETS FOR SANITATION SERVICES



# NW&SMP ACTION: MANAGING EFFECTIVE WATER AND SANITATION SERVICES



# DEVELOPMENT OF NATIONAL SANITATION INTEGRATED PLAN AIMS AT:

Achieving access to safe sanitation services for all by 2030

Advancing appropriate sanitation technologies and innovation

Stimulating the economic value of sanitation

Effective operation and maintenance of infrastructure

Effective regulation of sanitation services in the entire sanitation value chain

WATER IS LIFE - SANITATION IS DIGNITY

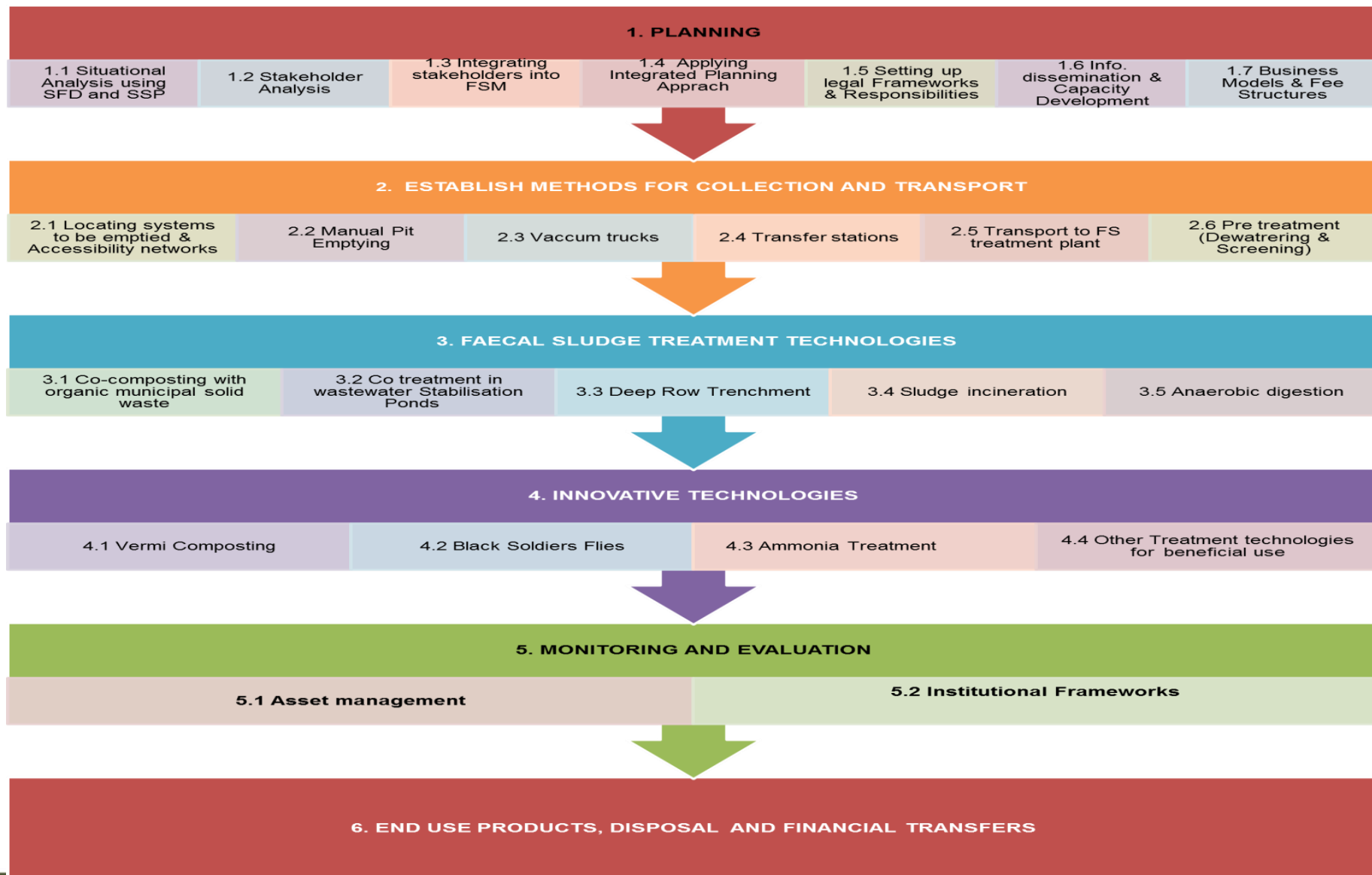




# DEVELOPMENT OF NATIONAL FAECAL SLUDGE MANAGEMENT STRATEGY

- The Department in collaboration with United States Agency for International Development (USAID) is developing a National Faecal Sludge Management Strategy for on-site sanitation to guide the sector on safe management of faecal sludge throughout the sanitation value chain.
- Operation and Maintenance of on-site sanitation (non-sewered sanitation) has not been given attention. Previously the focus has been on ensuring access to sanitation services, with little attention paid to operation and maintenance.
- According to STATS SA (2019) General Households Survey, 10% of households served with onsite sanitation and households using unimproved sanitation facilities have full pits.
- Most Municipalities are struggling to address the situation and do not have a plan to empty full pits, treat and dispose faecal sludge

# CONCEPTUALISATION OF NATIONAL FSM STRATEGY



WATER IS LIFE - SANITATION IS DIGNITY

## NW&SMP TARGET: UPTAKE OF NEW SANITATION TECHNOLOGIES

- The National Water and Sanitation Master Plan elevates the need for sanitation technologies which minimises the use of natural resources.
- By 2025, develop, demonstrate and validate appropriate alternative waterless and off grid sanitation solutions (DWS, WRC, CSIR, DST, SALGA, COGTA, WSAs)
- In terms of technical options used, 61% out of 83 % of all households with access to improved sanitation are served with waterborne toilets which are connected to Waste Water Treatment Works.
- This is not sustainable due to Climate change which will result in significant changes in future water availability. Sanitation planners have to adapt, plan for uncertainties and non-sewered systems that are appropriate for different settlement types.
- Working with WRC and Dept. of Science and Technology to facilitate uptake of new sanitation technologies

# SANITATION PLANS

PLAN	PROJECT	2020/21	2021/22	2022/23	2023/24
<b>APP</b>	Development of National Sanitation Integrated Plan	National Sanitation Situational Analysis developed	Draft National Sanitation Integrated Plan	Final National Sanitation Integrated Plan	Automated Sanitation Monitoring System Developed
<b>APP</b>	Development of National Faecal Sludge Management Strategy	Conceptual Framework for National Faecal Sludge Management Strategy	Draft National Faecal Sludge Management Strategy	Final National Faecal Sludge Management Strategy	National Faecal Sludge Management Strategy disseminated
<b>Ops</b>	Development of Protocol and Assessment Criteria for sanitation technology uptake		Draft Protocol and assessment criteria for sanitation technology uptake	Automate and digitise assessment criteria for sanitation technology uptake	Report on the status of sanitation technology uptake in the sector.

# CONCLUSION

- SFD improves assessment and planning of sanitation services in WSAs.
- SFD Reports provide sanitation information required on the preparation of Water Services Development Plans (WSDP) and Integrated Development Plans (IDP).
- The Water Services Act 108 Of 1997 section 12(1) requires Water Services Authorities) to:
  - ❑ draft a Water Services Development Plan
  - ❑ **as part of their IDP process**
  - ❑ elicit comments on draft WSDP
  - ❑ Report on consideration of comments received
  - ❑ **finalize and adopt the WSDP**
  - ❑ supply copies to DWS, CoGTA & neighbouring WSA's
  - ❑ **incorporate the WSDP into the IDP**
  - ❑ **report on the implementation of the WSDP every year**

**DWS supports the training of all WSAs on SFD and SSP to ensure adequate planning for sanitation services.**

# Sanitation is Dignity

## Thank You

