



# Community Driven Integrated Water Resources Management (IWRM)

*Water for Growth & Development  
to make a difference to livelihoods  
& community well-being*



**water & forestry**

Department:  
Water Affairs and Forestry  
REPUBLIC OF SOUTH AFRICA



**informAge**  
whole earth solutions



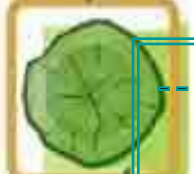
# Overview of presentation

- Overview of DWAF DANIDA support
- Background to the approach
- IWRM partners & their role
- Implementation & Support
- Monitoring & Evaluation



# Introduction

- DWAF/Danida funded Project
- IWRM I started in 2000 (Guidelines, Water Management Institutions & Capacity building)
- IWRM II started in July 2006
- Focus on 3 Water Management Areas – Olifants/ Doorn, Crocodile West Marico, Mvoti-Umzumkulu
- Total budget of IWRM II = R30 million



- - - - Provincia  
 Boundarie  
 S Water  
 Management  
 Boundaries

# CMA's and IWRM WMA

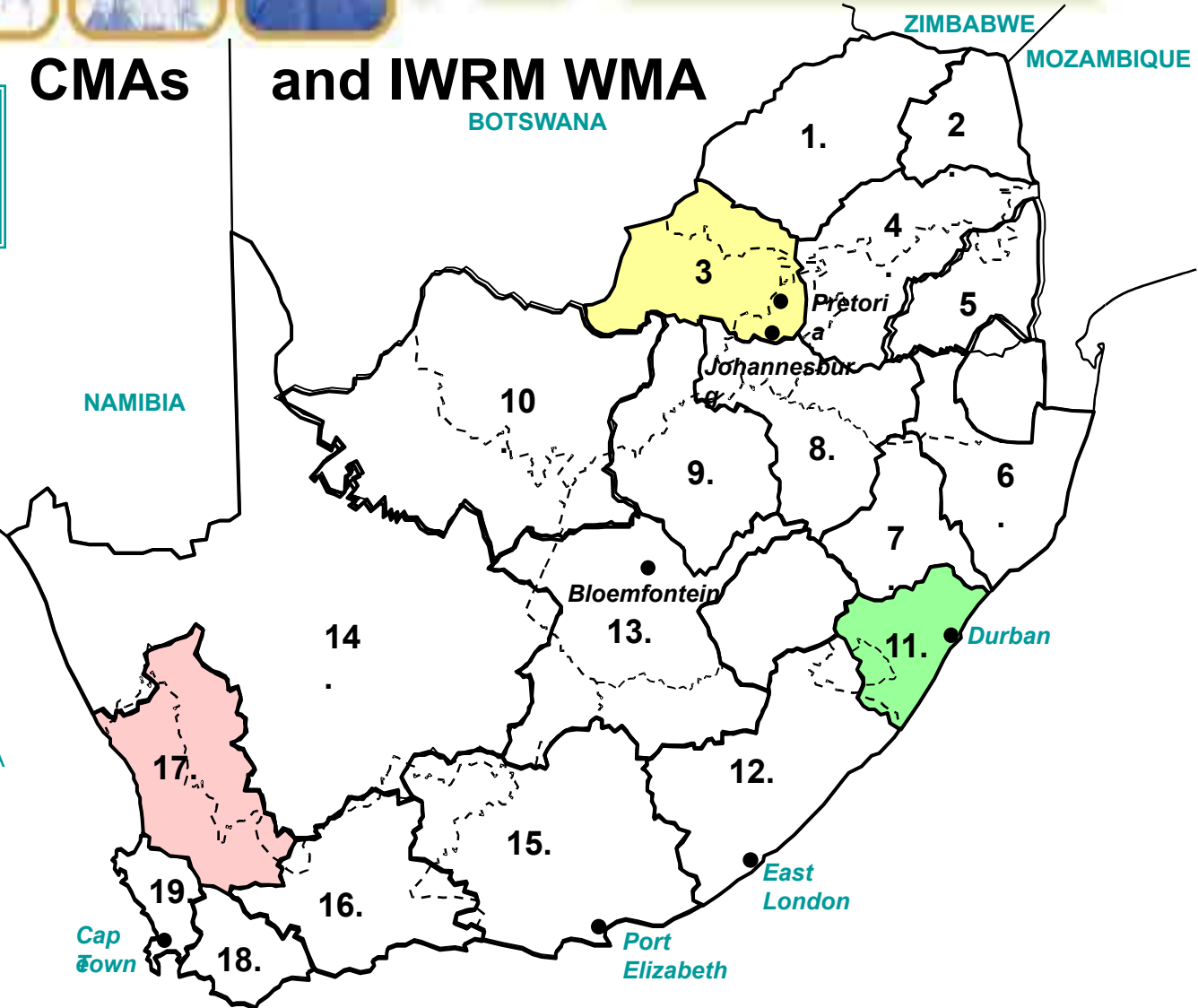
BOTSWANA

ZIMBABWE  
MOZAMBIQUE

NAMIBIA

## WATER MANAGEMENT AREA

- 1 .
- 2 LIMPOPO AND LETABA
- 3 CROCODILE (WEST)
- 4 . AND
- 5 MARICO
- 6 OLIFANTS
- 7 INSOPI TO MHLATUZE
- 8 THUKELA
- 9 UPPER
- 10 VANDER
- 11 LOWER
- 12 VAMOTI TO UMZIMKULU
- 13 MZIMVUBU TO KEISKAMMA
- 14 UPPER
- 15 ORANGE
- 16 ORANGE TSITSIKAMMA
- 17 .
- 18 GOURITZ
- 19 OLIFANTS/DOORN
- 20 BREEDE
- 21 . BERG





# Essentials for making IWRM work

Cooperative Governance  
(MOU between  
DWAF, DPLG & SALGA)  
Stakeholder Buy-in



# Key Principles

IWRM = Water for Growth & Development  
Improving water access, use & management.

## Millenium Development Goals

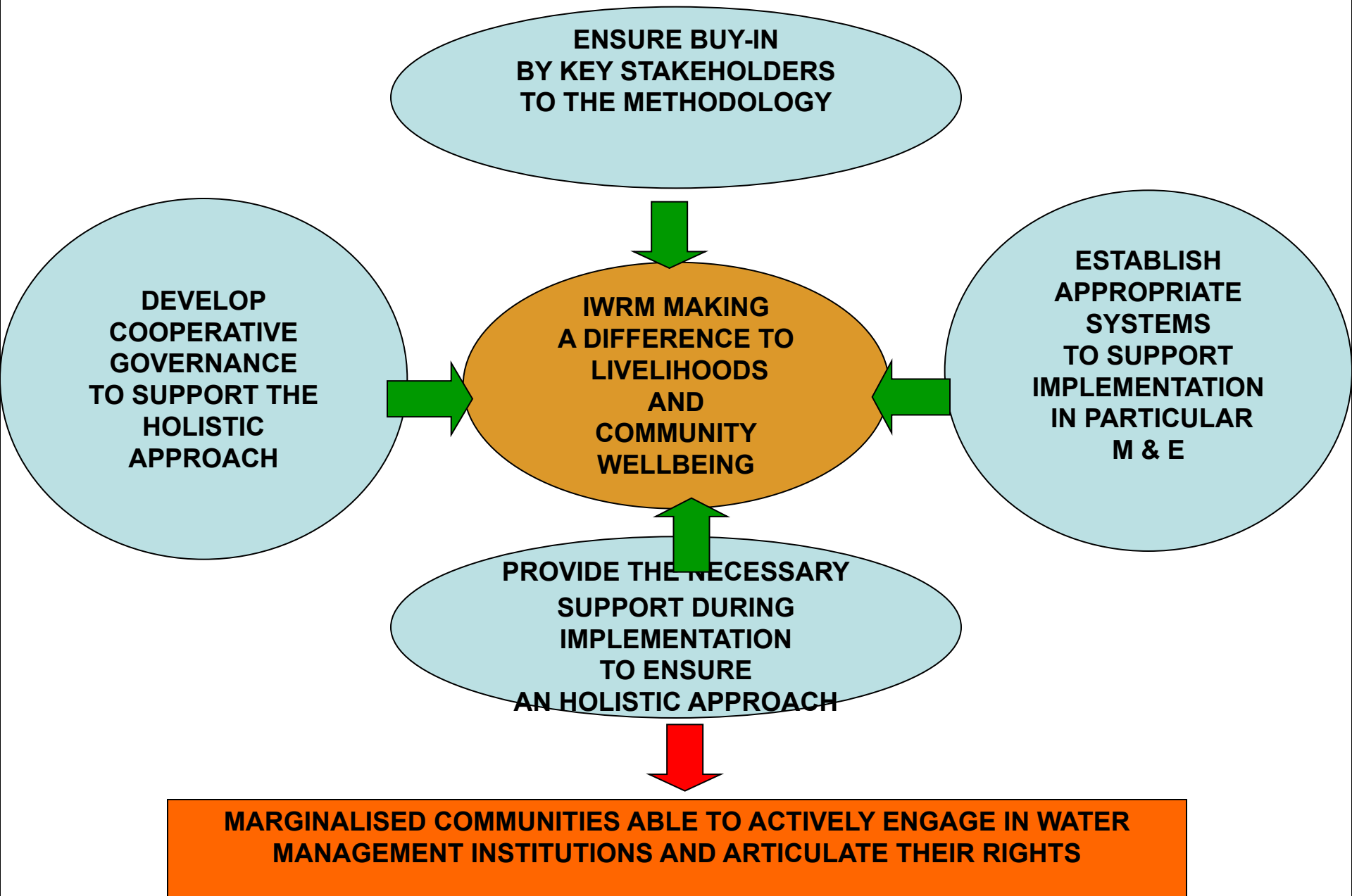
- Eradication of Poverty
- Capacity Building
- Empowerment of marginalised communities
- Social Impact & Upliftment





# The Approach

- The following slides set out the methodology
  - Holistic (People, Environment & Economics)
  - Engaging / empowering communities
  - Cooperative governance & partnerships







## IWRM Themes

- **Water for Health & Food Security**

IWRM demonstration projects aimed at eradicating poverty, food gardens, awareness, capacity building, improving water use & appropriate technology, participation in WUA's & access to water & subsidies.

- **Water & the Environment**

IWRM demonstration projects aimed at awareness, capacity building, improving water management for sustainable development.



# IWRM Themes

- **Water, Gender & Empowerment**

IWRM demonstration projects encouraged to involve youth, aged, sick, needy & women.

Own their projects (inception, planning, budget & management cycle)

Exposure & branding – WUA presentations, showcase conferences, Water Week, DWAF Budget Vote Parliament



## IWRM Demonstration Projects Communities

- 21 Existing projects (2007)
- 27 New projects (2008)
- Total budget spent to date:  
R1.38 million
- Planned budget next 12 months:  
R4.00 million
- Average R200 000 /project



# IWRM Demonstration Projects Municipalities

- IWRM I – Cederberg Water Conservation & Management
- IWRM I & II – Sandveld Groundwater Management
- Waste Water Treatment Assistant
- Prov Growth & Development Strategy
- Community Health Clubs
- Emerging farmer support
- Average R0.5 – R1 million /project



## Projects testing IWRM Themes

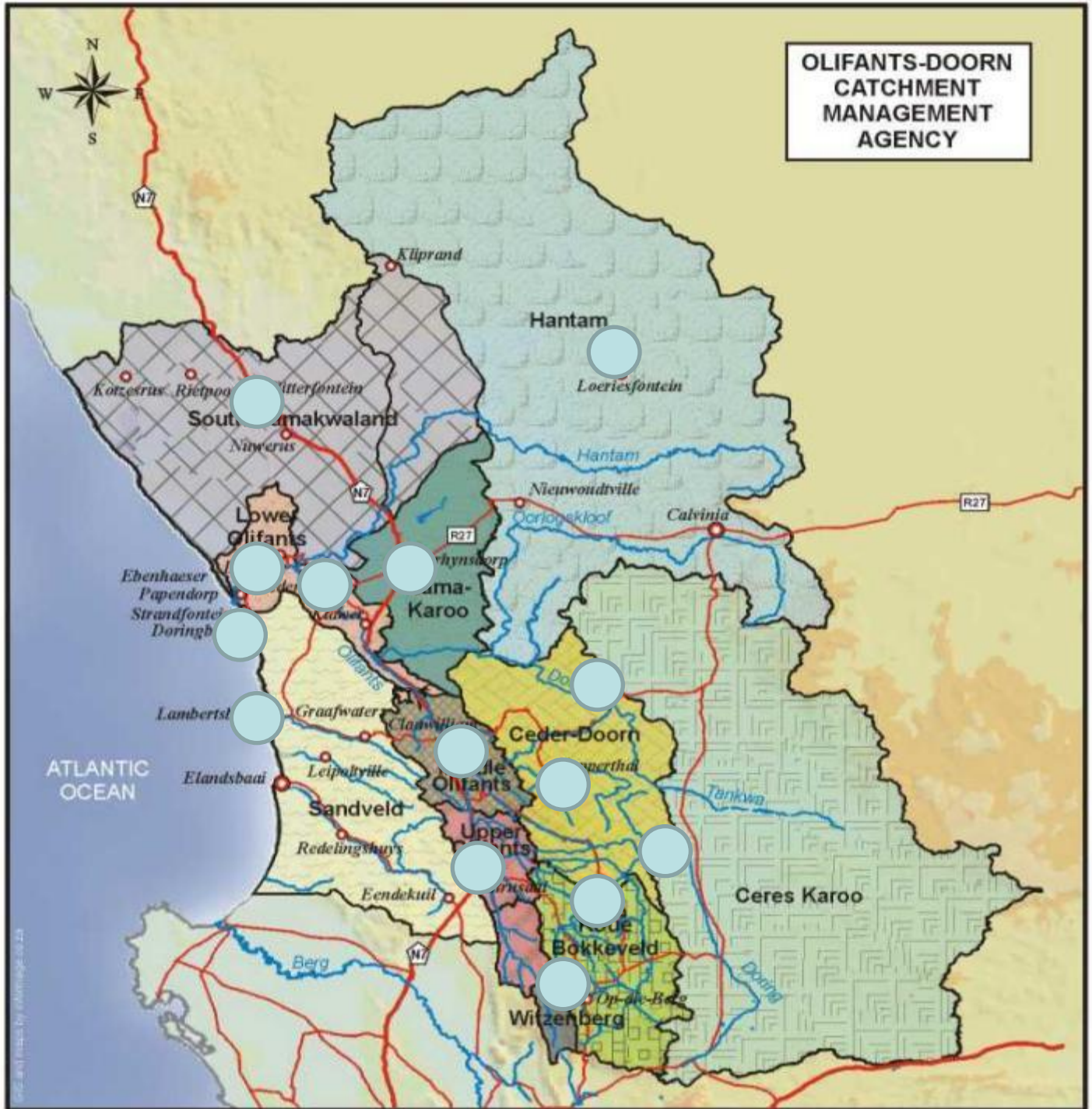
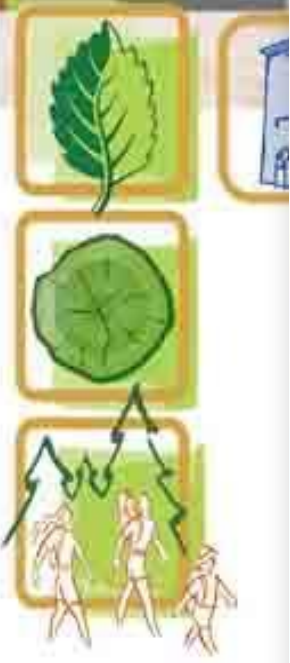
- **Water Reform & WMI's**

IWRM support to Emerging Farmer Forums to empower member associations: assessment, awareness, capacity building, advocacy & mobilisation (WUA's, local authorities, provincial and national government).

- **Water & Emerging Farmers**

IWRM demonstration projects aimed at awareness, capacity building, improving water use & appropriate technology, participation in WUA's & access to water & subsidies.









## **Successes Partnerships:**

- Provincial & National Government departments – Dept Agriculture
- Water User Associations adoption of projects
- NGO's & CBO's (SPP & GARC) - advocacy & empowerment
- Commercial farmers – advice, help, ploughing, access to markets
- Businesses – market for produce, discounts on purchases





## Successes Outputs:

- Improved irrigation systems & equipment installed
- Vegetable produce for household & sale
- Organic certification & Marketing
- Water & IWRM awareness  
(compendium, conference, water week, DVD & banners, MP's)







# Challenges .... 2010

- Partnerships can be improved
- Access to resources – land, finances
- Longer term sustainability of projects
- Group dynamics - conflict
- Literacy levels
- Dependency “Grant” culture
- Remoteness of area
- Embedding IWRM ethos



# Partnership with WCDM

- SALGA are IWRM partners
- Seat for WCDM at Q-PMG meetings
- Part of Selection Committee
- Ensuring projects are supported, successful & sustainable beyond IWRM 2010
- Facilitate access to land, water, electricity
- Upscaling through Masimbambane III





Thank you