



iKapa GDS

Water Sector Implementation Plan

Western Cape

29 October 2008

Provincial Growth and Development Strategy

Policy Development

Department of the Premier



Department of the Premier
30 September 2008



Purpose

- To ensure efficient and effective implementation of the iGDS we need:
- Alignment btw. National Department's and the iKapa GDS
- Alignment between District, Local, Provincial and National with the iKapa GDS
- Strategic cohesion on water between National, Provincial and Local government
- Transversal planning in line with the iKapa GDS process



Background – Water Sector Plan 1

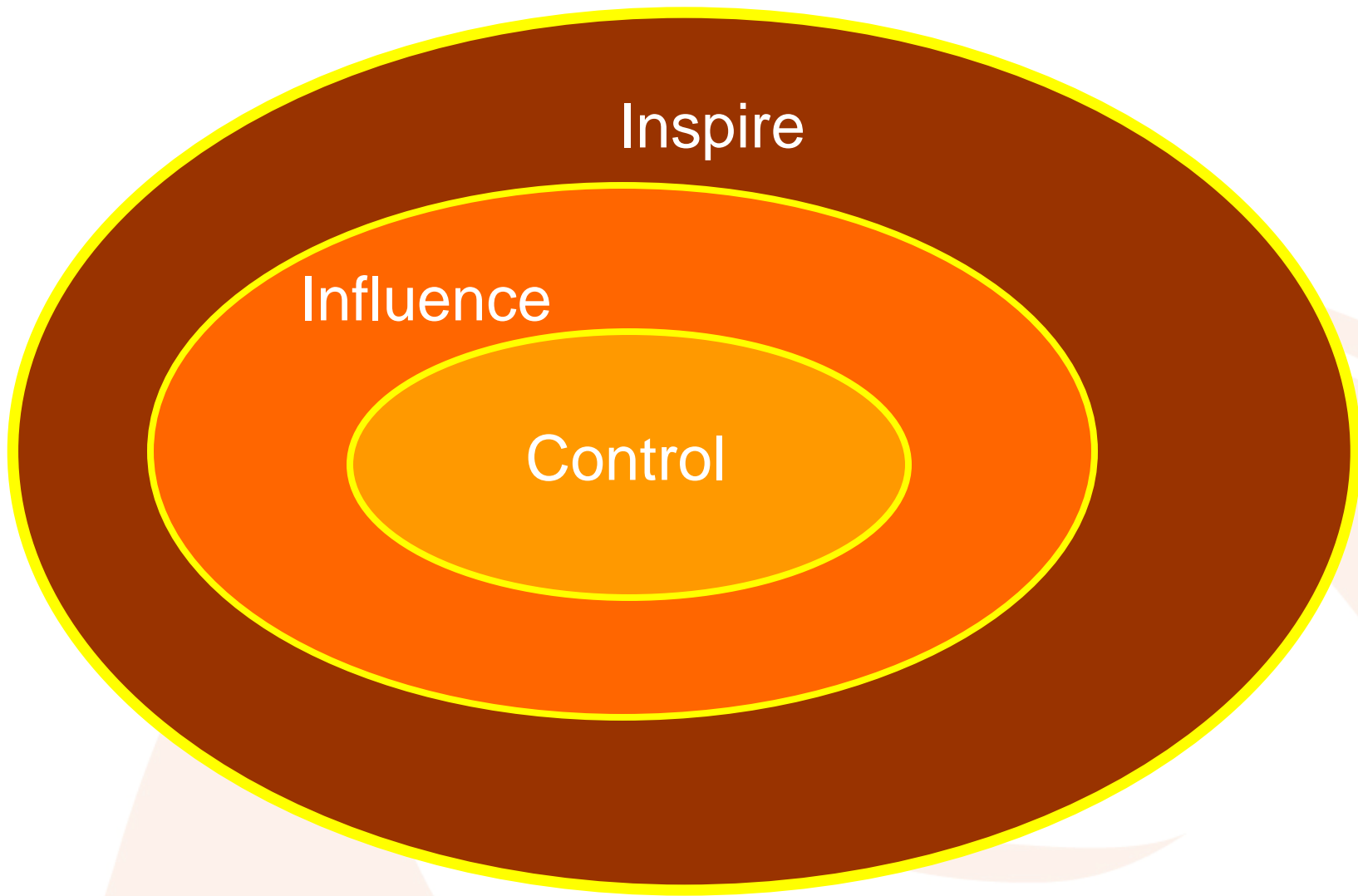
- Green paper process – engagements with both National and Provincial department, local government and other stakeholders
- DWAF initiated further engagements with DotP to align the water sector plan to the goals in the Green Paper
- Green Paper included a business case of DWAF's objectives and budgets alignment



Background - Water Sector Plan 2

- White Paper was a policy statement, hence the water business cases was not included
- However, a draft water sector plan aligned to the goals and objectives was completed
- Water is a transversal function hence DWAF approached DotP to support and co-ordinate the alignment of provincial department with its water sector plan







Currently

- Draft Climate Change Strategy
- Climate Change workstream audit complete
- Draft Renewable Energy Strategy
- Draft Sustainable Development Implementation strategy
- Climate Change is 1 of the iGDS lead interventions



DWAF currently

- Water Sector Plan aligned to iGDS has been completed as part of the Green Paper process
- Partnership established with DWAF through drafting of water sector
- Climate Change (water and energy) identified as lead intervention
- DWAF addresses water component of the climate change in the province



However, DWAF

- Lack of transversal planning between DWAF and provincial departments
- Although DWAF has a intergovernmental forum, Provincial Liaison Committee, its not well attended by provincial departments
- Climate Change (water and energy) identified as lead intervention, provincially the focus has been energy





Ideally the water sector will have

- Effective and efficient integrated and transversal budgeting and planning at all spheres of government
- Acknowledgment and excellent understanding of water as economic driver
- Appropriate institutional framework to address and implement water programmes and projects



iKapa GDS: Strategic Approach

- Developmental state
- Infrastructure-led
- Knowledge-based
- Shared growth
- Social capital
- Spatial focus
- Sustainable development
- Institutional leadership



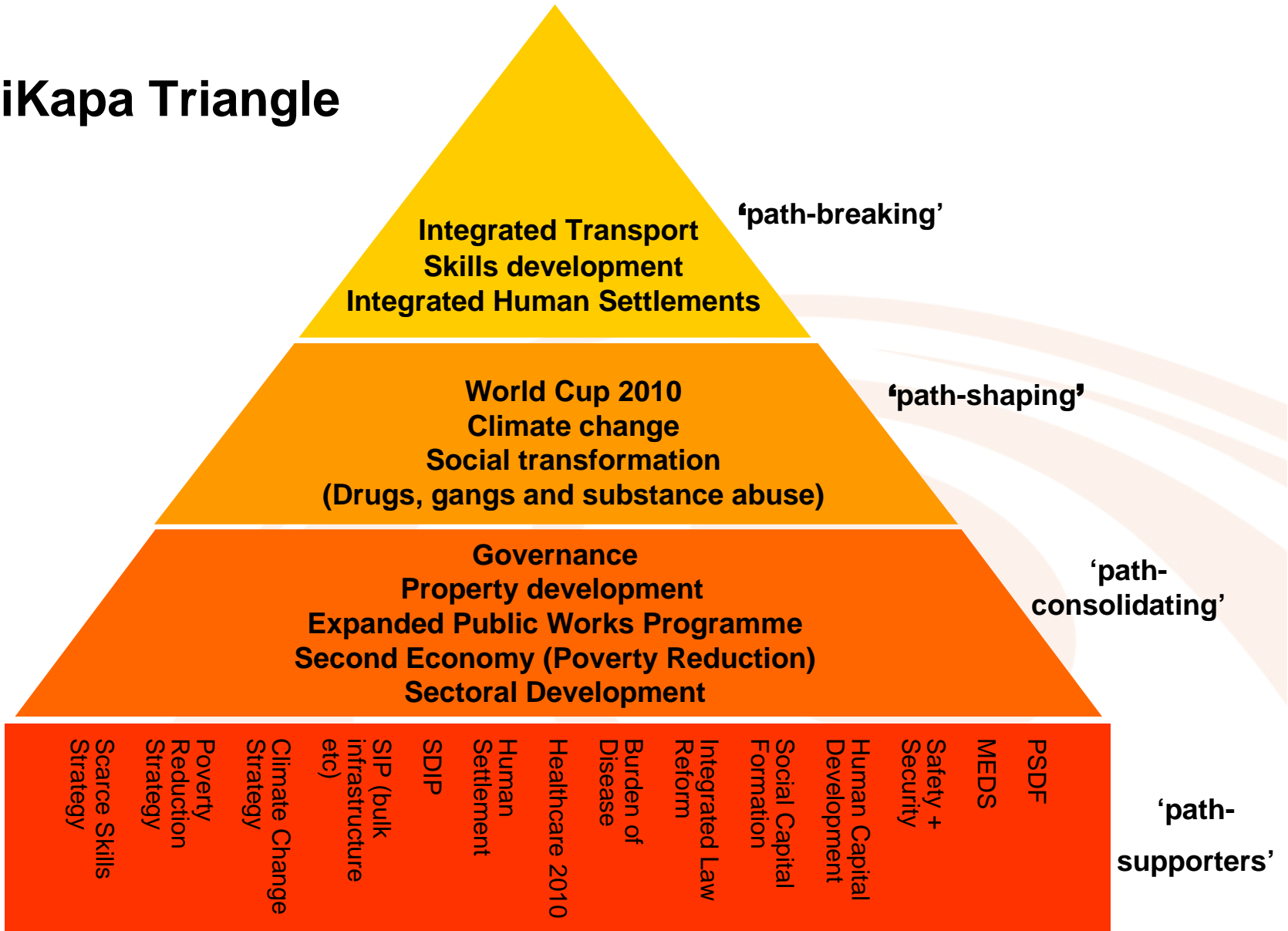
POLICY CONTEXT: iKapa GDS White Paper

iKapa Objectives: iKapa Goals

- Broaden economic participation and poverty reduction
 - **Efficient and effective infrastructure**
 - Liveable communities
 - Resilience and tolerance within and btw. communities
 - Enhance human capacity via improvements in the health, education, welfare and safety of individuals and communities.
 - **Sustainable resource use**
 - **Greater spatial integration**
 - Effective public and non-motorised transport
 - **Effective governance institutions**
- Grow and share the economy
 - Build a more equal and caring society: poverty eradicated
 - Promote ecological sustainable development
 - **Foster greater spatial integration**
 - Ensure effective governance & institutional strengthening



iKapa Triangle



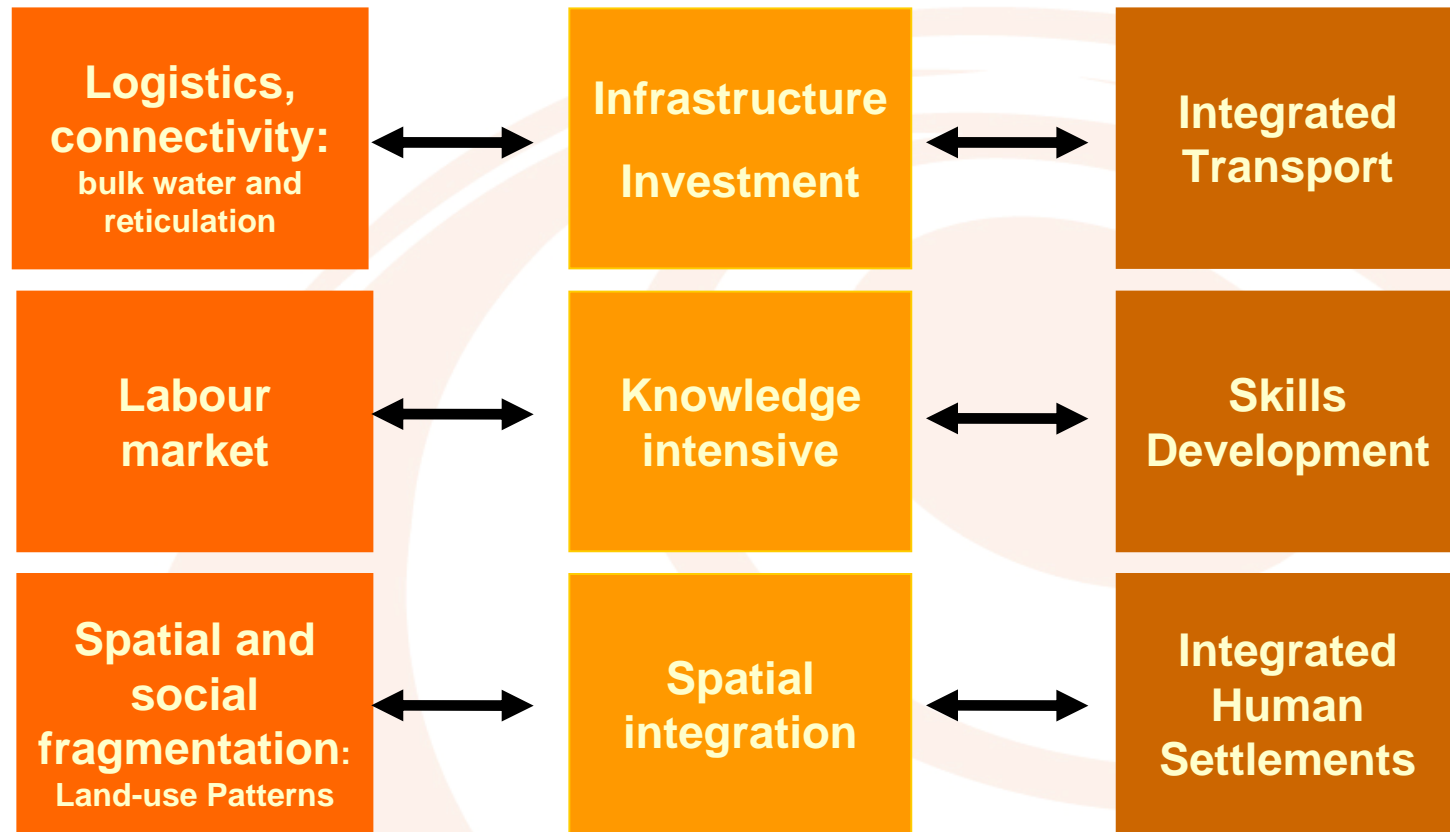
Shared growth and integrated sustainable development



Constraints

Strategic response

Strategic intervention 'path breakers'



In Summary



Infrastructure investment
(Bulk Water & Reticulation)

+

Knowledge-base

+

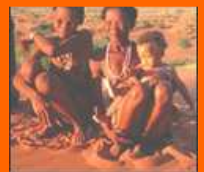
Spatial & Social integration
(Reticulation for densification)

=

shared growth and integrated sustainable development

Water sector challenges 1

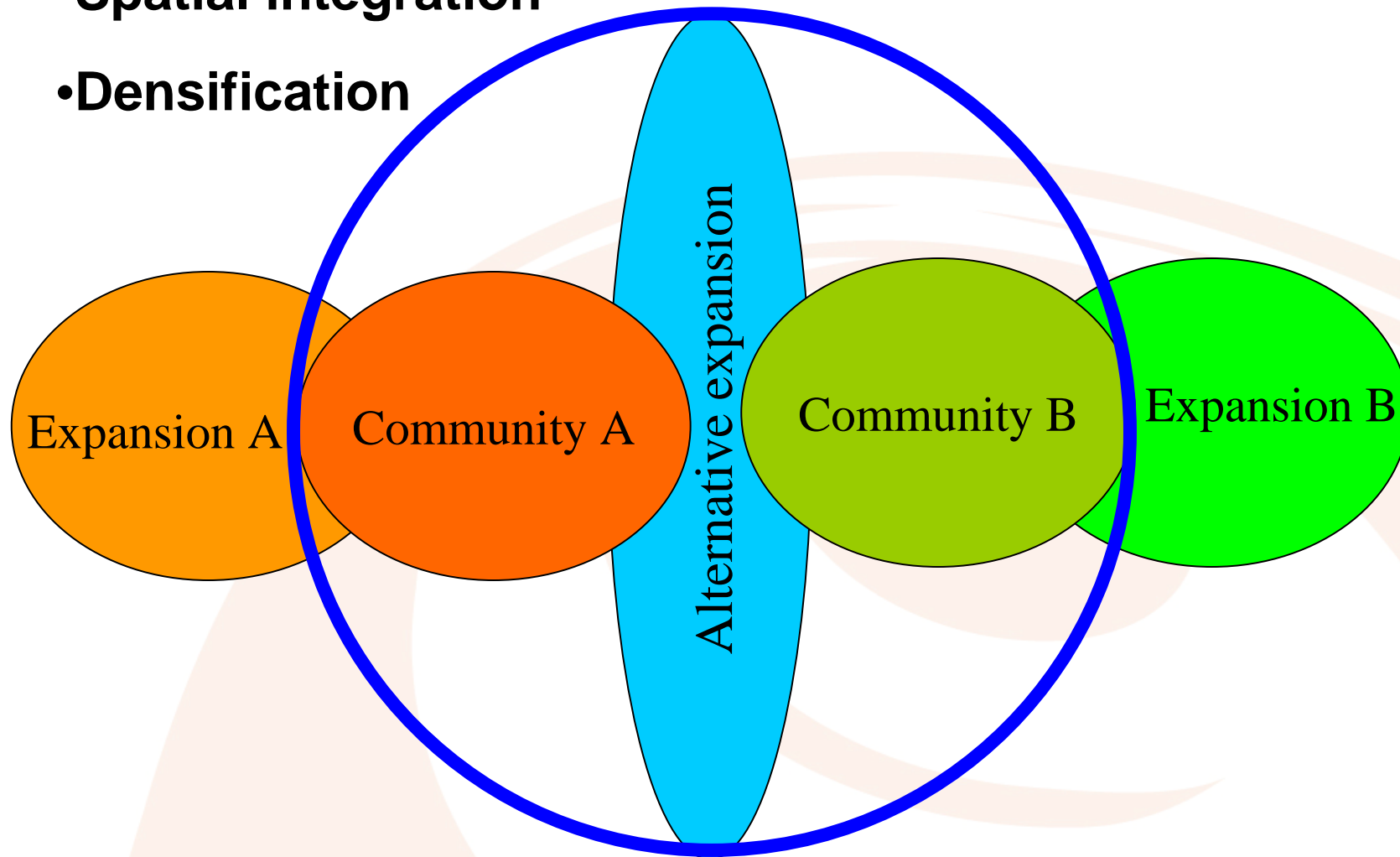
- Current water planning contributes to regional/town sprawl and reinforces apartheid spatial planning
 - Investment footprint tool to demonstrate links betw infrastructure and new emerging informal settlements
 - Bulk infrastructure could be used a driver for the spatial location of new developments





Land-use Planning supporting:

- Spatial integration
- Densification



Water sector challenges 2

- Water infrastructure maintenance at local government level – inadequate
 - No financial policy, institutional or legislative tool for DWAF to manage this challenge
 - IDP credibility – what areas are critical for credibility (e.g. water, electricity, SDF's, etc.
 - Amendments to MSA?
- Which water indicators and what sources?
 - Government
 - Businesses
 - Civil society



Water sector challenges 3

- Climate change scenario modeling has demonstrated the implications for districts/regions
 - District/regional economy
 - Employment rates – agricultural sector
- What is the current economic threshold i.r.t. to current water availability
 - Is 6-8% growth possible





Water sector challenges 4

- PGWC as water citizen (e.g. clinic, schools) has potential to save 10% of current consumption
 - How do we achieve this?
 - PGWC as water citizen has opportunity to public commit to 10 % - mainstreaming water challenge
- Water awareness raising – schools, clinics, hospitals, etc.
 - Water losses to leaks in household taps
 - Irrigation in the agricultural sector – drip irrigation



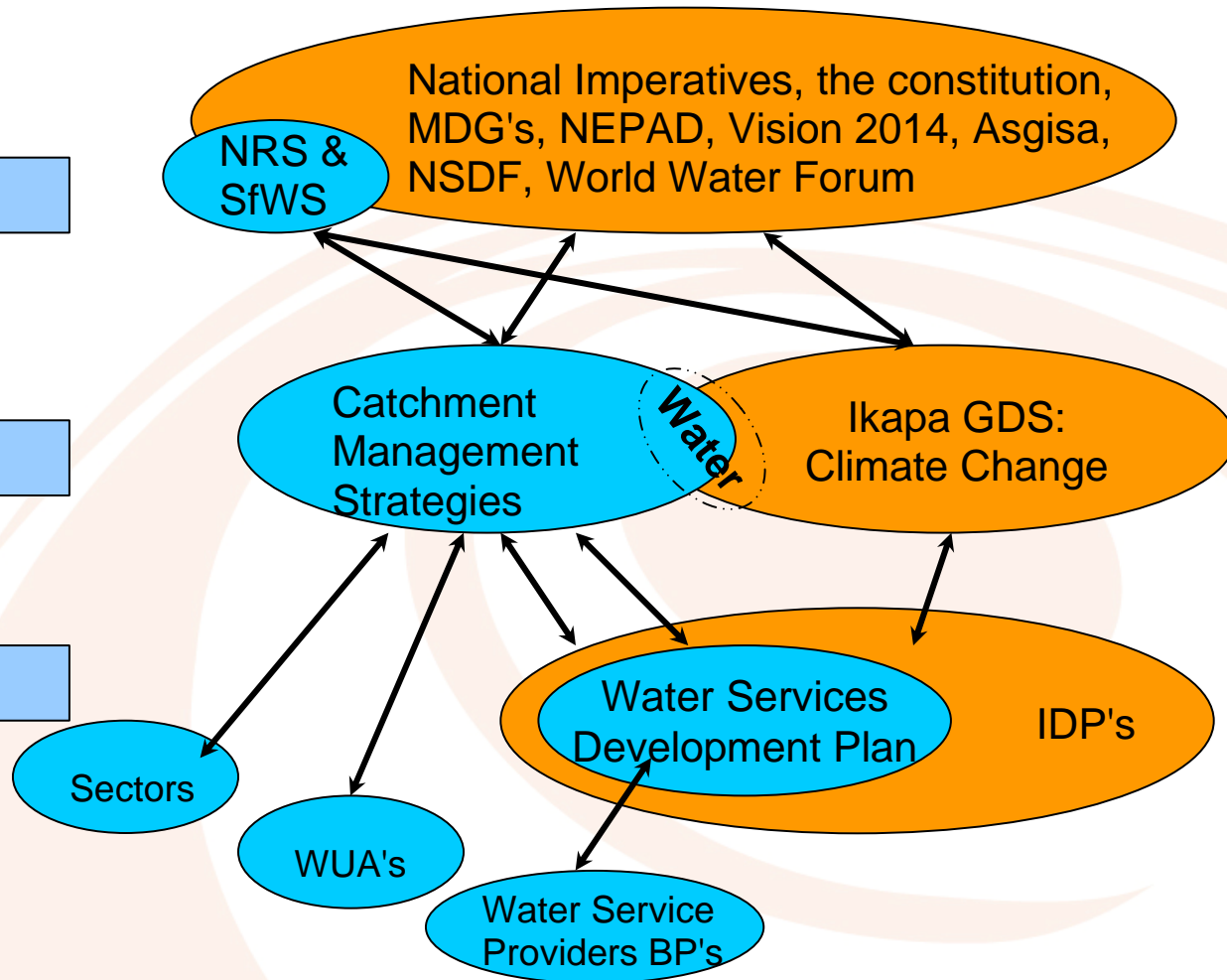
Harmonising policy frameworks & plans: Water related Planning



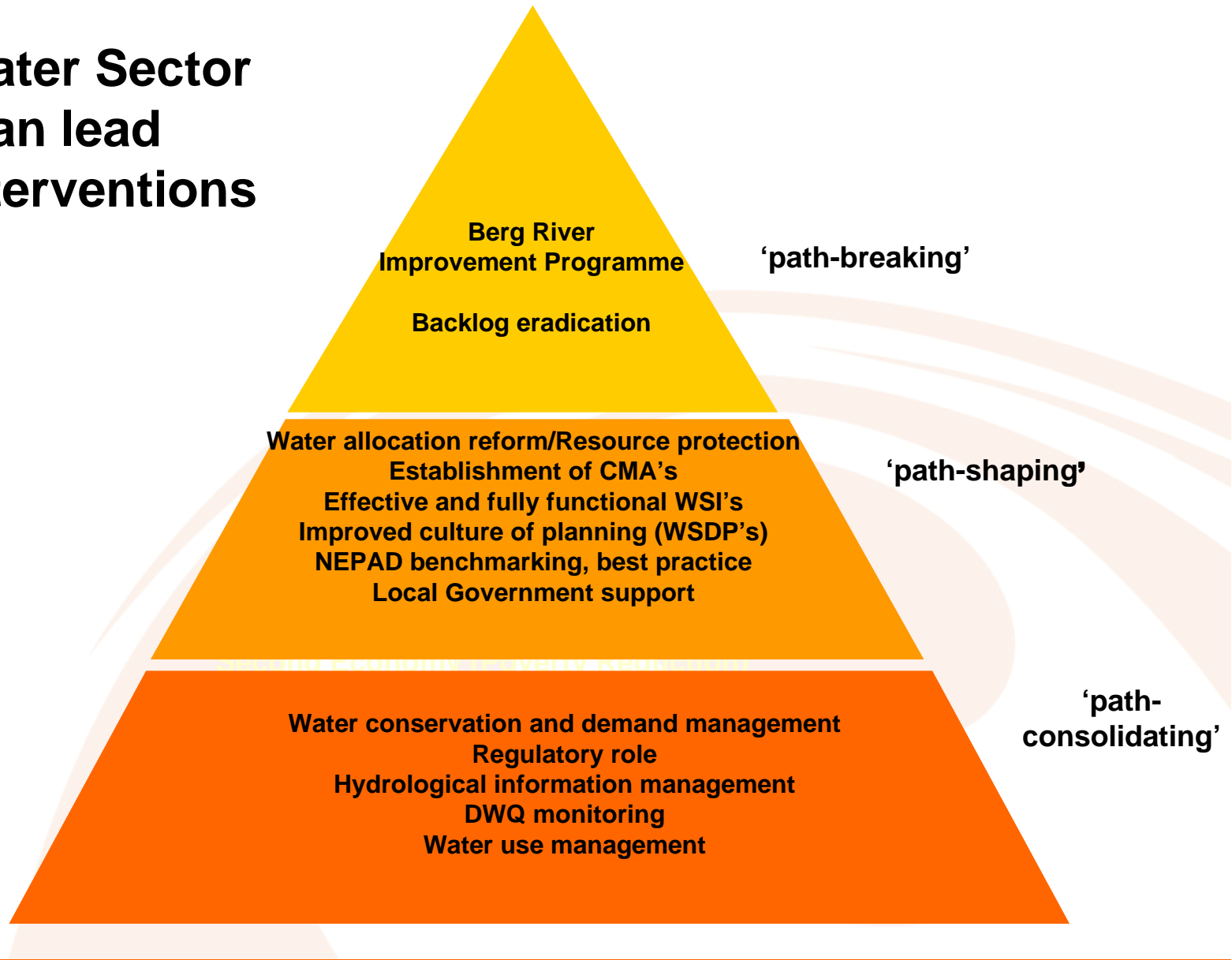
National

Provincial

Local



Water Sector Plan lead interventions



Summary of iKapa GDS & DWAF WSP Lead Interventions



iKapa iGDS	DWAF Water Sector Plan
Path-Breaker	
Integrated Human Settlements	Bulk water infrastructure and reticulation
Path-Shaper	
Climate Change	Water Resource Protection and improved water usage
Path-Consolidators	
Governance	Support and improve government water sector planning
EPWP	
Second Economy	Water Allocation Reform and financial Assistance; WFW & WFF; Forestry LED activities; Trees for Food
Path-Supporters: Ikapa Strategies (Climate Change Strategy, MEDS, SIP etc.)	PGWC water consumption impact as a consumer. Institutional commitment to water sector.



DWAF WATER ACTION PLAN: INVESTMENT FOOTPRINT

Backlog Eradication
R20.2 mil

Masibambane 3
R6 mil

Regional Bulk
Infrastructure Fund

Clanwilliam Dam
R+1 mil

Refurbishment of
Existing Schemes

Upgrading of WWTW

Langebaan Aquifer

Berg River Storage Project
R300 mil

Masibambane3:
CSO Projects
R525 K

Water Allocation Reform
R32 mil

Financial Assistance
R12 mil

Working for Water
R58 mil

Assesment for Forestry Potential

Survey of LED Activities

Trees for Food

Incorporation of Livelihoods and UF into IDP's

Institutional Regulation
2007/08 - R 2.3 mil
2008/09 - R 4 mil

Masibambane 3:
CSO, WSA & Regional Forums
2007/08 R 33.55 mil
2008/09 R 15.45 mil (proposed)

Sector Collaboration
R 1.1 mil

Masibambane 3:
Regional Projects
2007/08 R 3.8 mil
2008/09 R 2.2 mil

Regulation of Forest Management

Formation & Registration of FPAs

Implementation of
Ecological Reserves req.

Improvement of WRM
Hydrological Network
R 16 mil

Drinking Water Quality Management Programme
R 2.7 mil

Water Management Campaigns
R 5.8 mil



Progress to date

- Alignment of Water Sector Plan to iKapa GDS
- Completed provincial one-on-one engagements with DEDAT, DEADP and PDA
- Site as national IGR case study by DWAF national
- Spatially mapped DWAF current budget as aligned to iKapa GDS – linked to various indicators (water quality, access to water, etc.)
- Planning to mainstream water through existing IGR fora



Objective 1 Broadening economic participation and reduced poverty

Objective 1 Budget

WC_Footprint

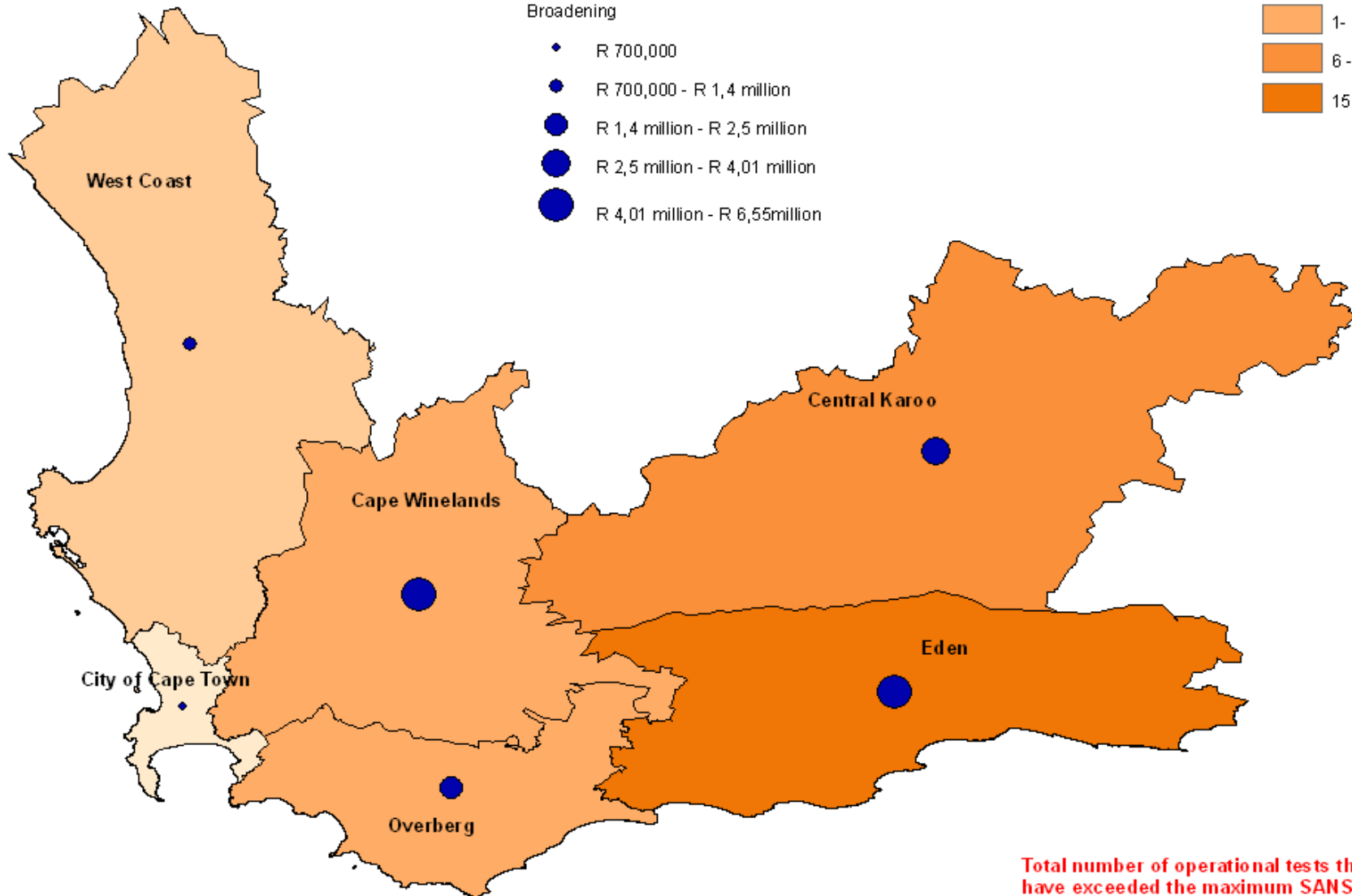
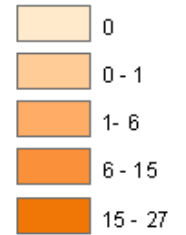
Broadening

- R 700,000
- R 700,000 - R 1,4 million
- R 1,4 million - R 2,5 million
- R 2,5 million - R 4,01 million
- R 4,01 million - R 6,55million

Water Alerts

Final_WC

Water_Aler



Total number of operational tests that have exceeded the maximum SANS241 2007 Alert levels.



Source: DWA/AF



Thank You



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30 September 2008