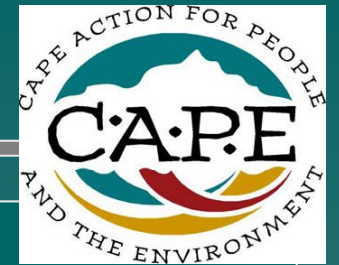
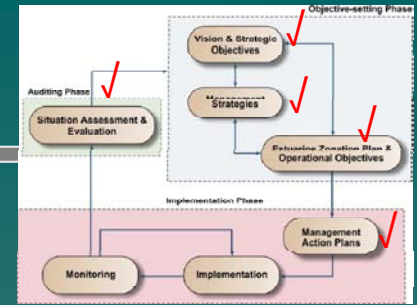


THE C.A.P.E. ESTUARIES PROGRAMME



PIERRE DE VILLIERS
NOMPUMELELO THWALA

GROUP 1: SIX PRIORITY ESTUARIES



Klein

Overstrand Municipality
iRap Consulting

Key management issues:

- ❖ Developing capacity within Local Authority
- ❖ Forum established as part of EMP process

Olifants

West Coast District Municipality
Anchor Environmental Consultants

Key management issues:

- ❖ Priority action: protected area for juvenile fish is critical
- ❖ Artisanal fishers – conflicting management priorities

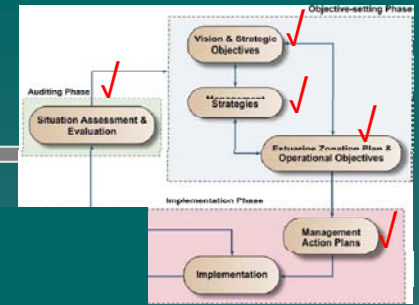
Knysna

South African National Parks
Coastal & Environmental Consulting

Key management issues:

- ❖ Integration with the Protected Environment managed by SANParks (NEM:PA)
- ❖ SANParks Park Forum exists – starting point

GROUP 1: SIX PRIORITY ESTUARIES



Breede

Hessequa & Swellendam Municipalities
Bohlweki – SSI Environmental

Key management issues:

- ❖ Effective management authority in place - conservancy
- ❖ Forum established, can drive implementation of EMP

Heuningnes

CapeNature & District Municipality
Hilland

Key management issues:

- ❖ Mouth management issues need to be addressed
- ❖ CapeNature and landowners need to agree on a way forward

Gamtoos

Local Municipality
Enviro-Fish Africa Consultants

Key management issues:

- ❖ Angling is a major issue (Kob)
- ❖ Forum established



GROUP 2: FIVE CO-FUNDED ESTUARIES

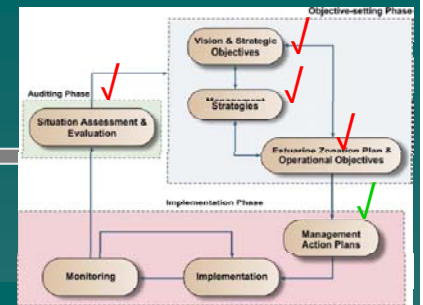


Gouritz

Eden District Municipality
Enviro-fish Africa consultants

Key management issues:

- ❖ Farming and water use in catchment
- ❖ Ecological Reserve needs to be determined for Gouritz

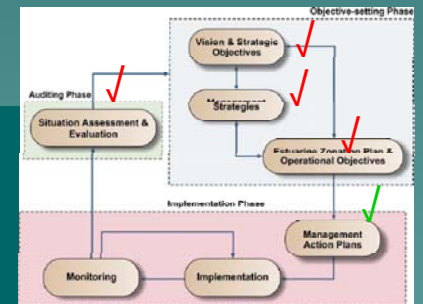


Berg

West Coast District Authority
Anchor Environmental Consultants

Key management issues:

- ❖ Illegal gill netting
- ❖ Proposed development



GROUP 2: FIVE CO-FUNDED ESTUARIES



Bot

BOT

Overstrand Municipality

iRap Consulting

Key management issues:

- ❖ Important nursery areas for the marine fish (support fisheries)
- ❖ Implementation depends on the inclusion of previously marginalised communities

DIEP

City of Cape Town

Coastal & Environmental Consultants

Key management issues:

- ❖ Water quality issues are in the process of being addressed
- ❖ Forum established

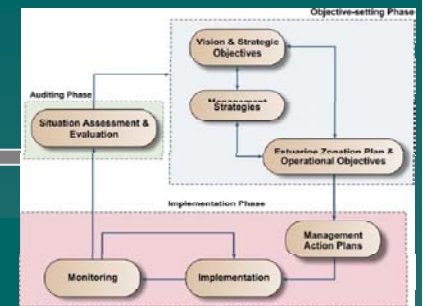
VERLORENVLEI

CapeNature and District Authority

CSIR

Key management issues:

- ❖ Catchment based planning required
- ❖ Water abstraction and pollution



AUDITING THE EMP PROCESS

Estuary Review Workshop - June 2008 - CSIR

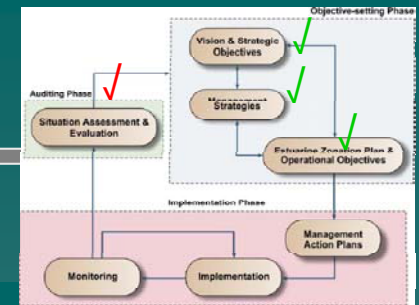
Specialist Scientists, Managers (Technical Working Group) & Consultants
(±30 participants)

Review of :

- ❖ Boundaries of estuaries
- ❖ Generic Framework for Estuary Management Plan
- ❖ Each of first six EMPs
- ❖ Future EMPs (process, budget allocated)

CSIR (2009) C.A.P.E. Estuaries Programme. Proceedings of the Review Workshop on Estuary Management Plans (8-9 June 2009). Report submitted to the C.A.P.E. Estuaries Programme. CSIR Report No Stellenbosch. 63 pp.

GROUP 3: FIVE CO-MANAGED ESTUARIES



Swartkops

Nelson Mandela Bay Metro
Enviro-fish consultants

Key management issues:

- ❖ Subsistence fisheries – impacts on stocks & intertidal habitats
- ❖ Lack of cooperation between social institutional structures
- ❖ Water quality – pollution from various point sources

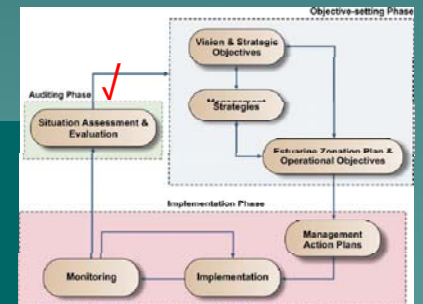


Sundays

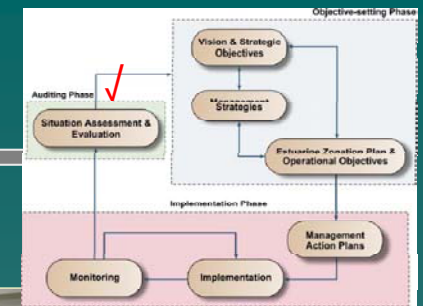
South African National Parks, Nelson Mandela Bay Metro

Key management issues:

- ❖ Water quality – impacts from agricultural practices in the catchment
- ❖ Overfishing of key estuary-dependent fish species



GROUP 3: FIVE CO-MANAGED ESTUARIES



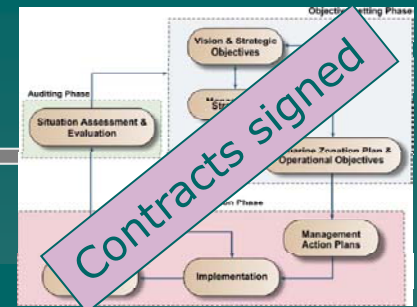
Eastern Cape Parks

Future Works → Coastal and Environmental Services

- ❖ Consulting teams - changes in personnel
- ❖ Poor relationships between key stakeholder groups
- ❖ Lack of commitment from local authorities

- ❖ Unresolved land reclamation issues
- ❖ Protected areas – closed to fishing

GROUP 4: NEW FIVE CO-FUNDED ESTUARIES



UILKRAAL
Overstrand Municipality
Anchor Environmental Consultants

SANDVLEI
City of Cape Town
Coastal & Environmental Consultants



Uilkraal

GOUKOU
Riversdale Municipality
CSIR Natural Resources & the Environment

KEURBOOMS
Eden District Municipality
and Bitou Local Authority
Enviro-fish Africa Consultants

KLEIN BRAK
Eden District Municipality
Bohlweki – SSI Environmental

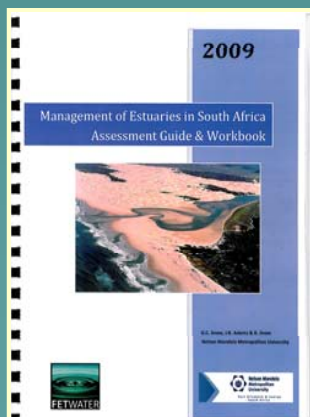
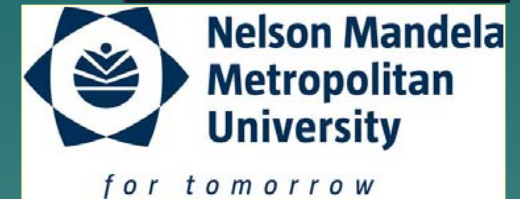
CAPACITY BUILDING IN ESTUARY MANAGEMENT

Management of estuaries in South Africa – accredited short learning programme at NMMU

- ❖ First session in 2008 at NMMU
- ❖ Sessions in 2009: NMMU (1) & KZN (2)
- ❖ Session for 2010 - to be held at CSIR - Registrations in progress!

Resource directed measures training activities

- ❖ October 2010 - Training tour - Road show on estuaries in the CFR
- ❖ March 2010 - Bushmans Estuary RDM workshop
- ❖ November 2010 - Bot Estuary RDM workshop



Swartkops Estuary



TRAINING RESULTS FOR 2008 - 2009



Training	Total	DWA	Other	Women	Men	PDIs	Non-PDIs	CFR
1 st Estuary Management Course (EC)	20	8	12	12	8	13	7	9
2 nd Estuary Management Course (EC)	22	10	12	9	13	15	7	
Estuary Management Course (KZN) (2 sessions)	48	7	41	19	29	29	19	
OVERALL TOTAL	90	25	65	40	50	57	33	9

ADDITIONAL SUPPORT

Creation of Estuary Officer Posts - West Coast District Municipality
- Overstrand Municipality

TABLE MOUNTAIN FUND

Estuary Management Training Course specifically targeting municipal officers
- 1 day course & visit

FETWATER PROGRAMME

Developing & Maintaining National Estuary Database

SAEON

Developing a National Estuary Monitoring Programme
- 1st Workshop March 2010

SPECIALIST SCIENTISTS & MANAGERS

PROGRAMME EXPOSURE

CONFERENCES:

C.A.P.E. Estuaries Programme: Oral presentations

- ❖ May 2009 - Estuaries Course - NMMU
- ❖ Aug 2009 - Fynbos Forum - Bredasdorp
- ❖ Nov 2009 - Wetlands Indaba - Langebaan
- ❖ Nov 2009 - WWF Marine Forum
- ❖ March 2009 - CapeNature Marine Forum

Academic programme:

- ❖ 2 International conferences related to estuary ecology – Oral & Poster

SCIENTIFIC FORUMS:

FETWater Programme:

- ❖ Jan 2009 to Present – Resource Directed Measures Network - Assistant Coordinator

NEWSLETTERS & WEBSITES:

- ❖ C.A.P.E. Estuaries Newsletter - 4 issues
- ❖ CSIR Website - draft EMP documents



LESSONS LEARNT



- ❖ IT problems - frustrated user - programme progress hampered
- ❖ Funding management & procurement processes vs. project timelines
- ❖ Legislation to support EMP - credibility
- ❖ Existing information - e.g. RDM studies, research - a must!
- ❖ Level of support from partnerships & network - readily answer questions
- ❖ Coordination of different govt. depts. - Crucial for success
- ❖ History - previous experiences of communities with govt. depts.
- ❖ Trust is not pliable - be human - empathize, give your word, deliver
- ❖ Continuity of programme – 1 yr contract basis
- ❖ Capacity building - funding and continuity

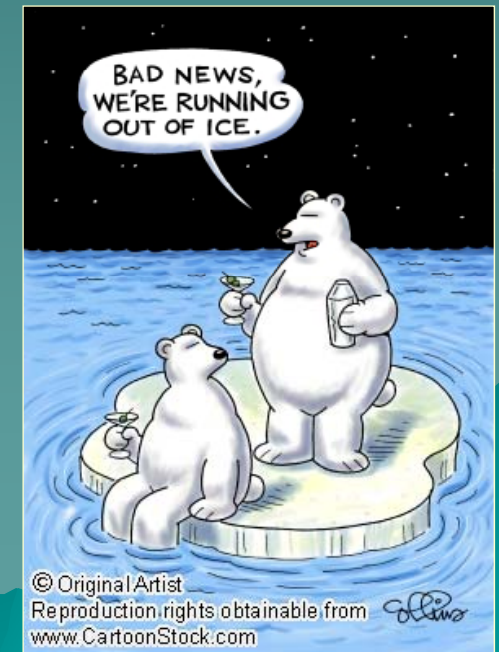
CONTINUITY OF THE PROGRAMME

Personnel needs:

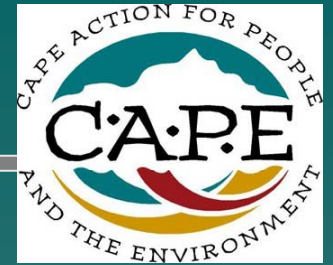
- ❖ Formalise current posts of Coordinator & Assistant
- ❖ New posts for estuary officers to ensure effective implementation and monitoring of EMPs
- ❖ Capacity development initiatives & support

Funding needs:

- ❖ C.A.P.E Phase 2: Implementation and monitoring
- ❖ Running costs for the programme
- ❖ Prospective new EMPs
- ❖ Salaries for existing personnel



THANK YOU



Dept. of Env. Affairs
M.C.M DEA&PD DEDEA

Academic & Research
Universities CSIR SAEON

Consultants Funders of FETWater Programme DWA Local Communities Other C.A.P.E Programmes

Local District Provincial
Government CapeNature SANParks ECParks