

From Paralysis to Adaptive Action

The ICMA case study

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2006

ICMA Established
2 years of “Institution Building”

2009

Embed “Strategic Adaptive Management”
Change the focus to “Practicing IWRM “

Four main Actors

National DWA, Regional DWA
ICMA, Governing Board

Four main ICMA Activities

The end of year report, The Business plan,
The Strategic plan, Stakeholder forums

WHY?

Linear step by step planning for “known” outcome

Can't do X before have one Y

Paranoia of Omission

Do not miss anything! Cover bases!

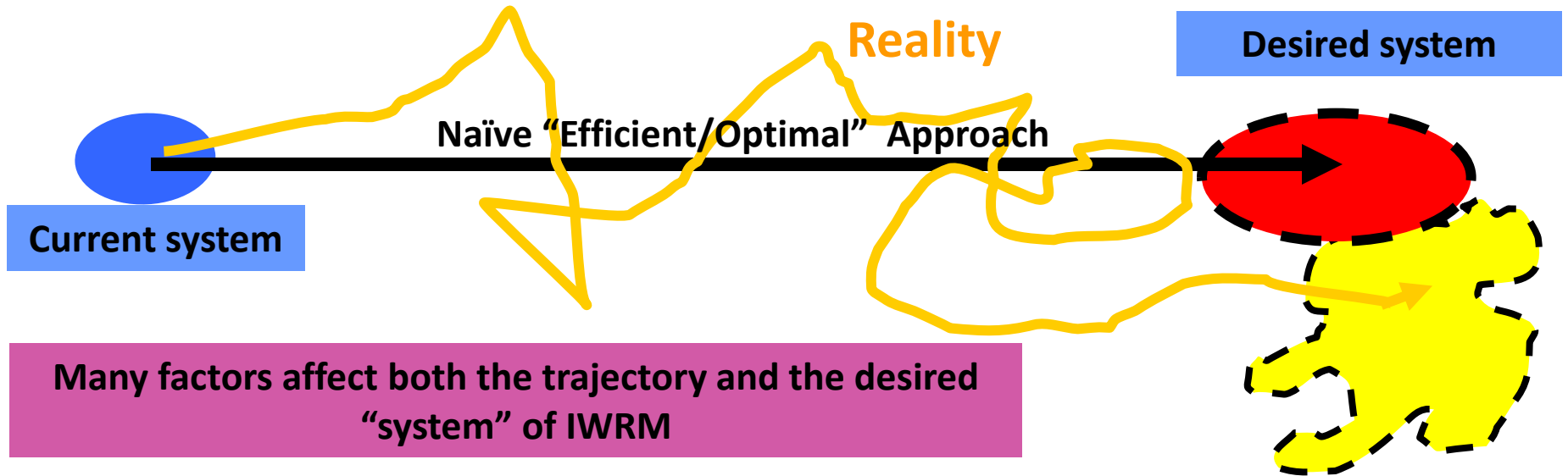
Fear of Simplicity

Employees feel “naked” with a simple idea

Lack of Confidence!
PARALYSIS!

Management of Common Pool Resources

Getting to a shared future that “changes”

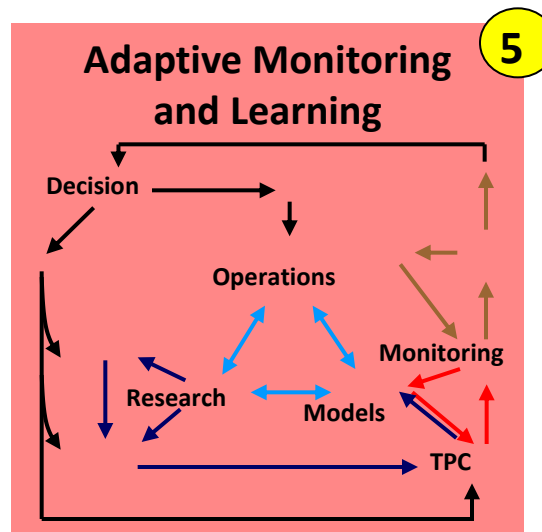
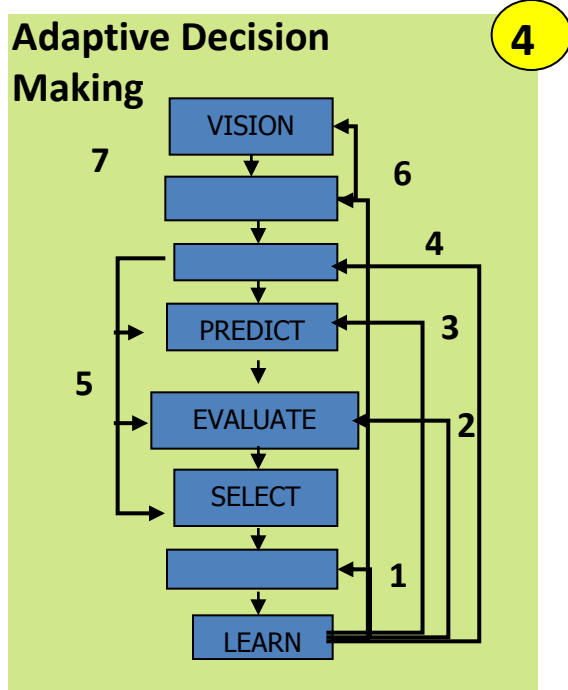
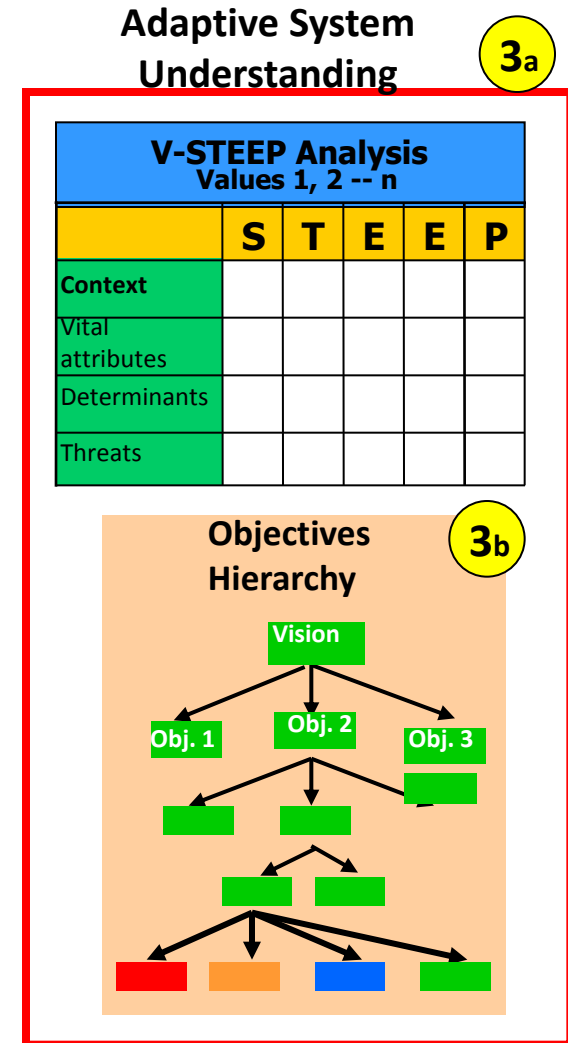
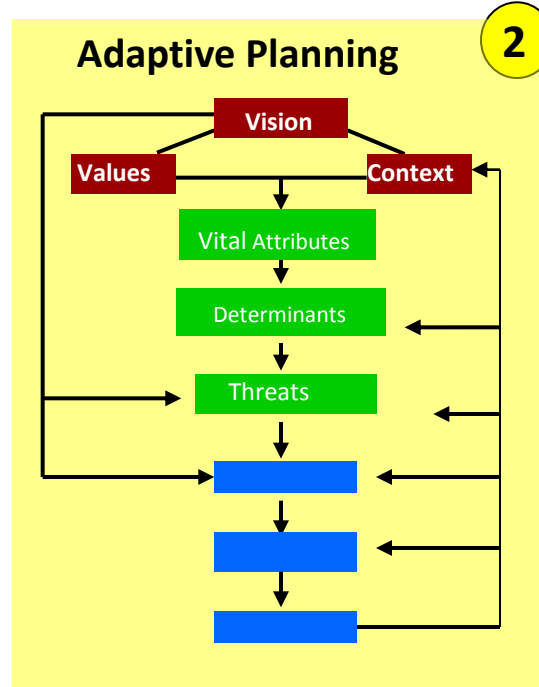
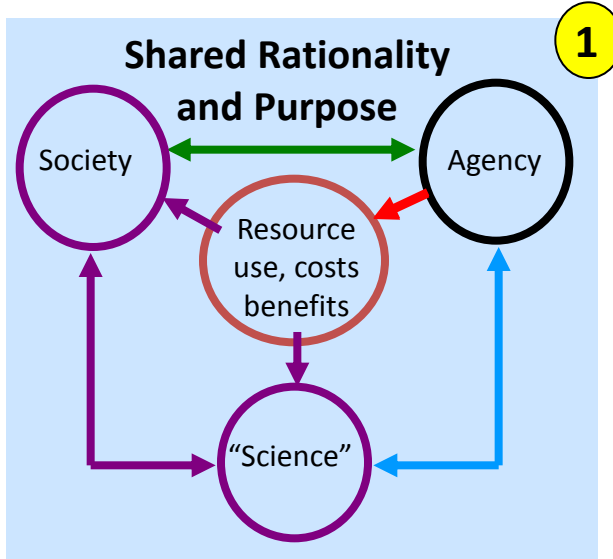


V – Values
S – Social
T – Technical
E – Economic
E – Environmental
P – Political

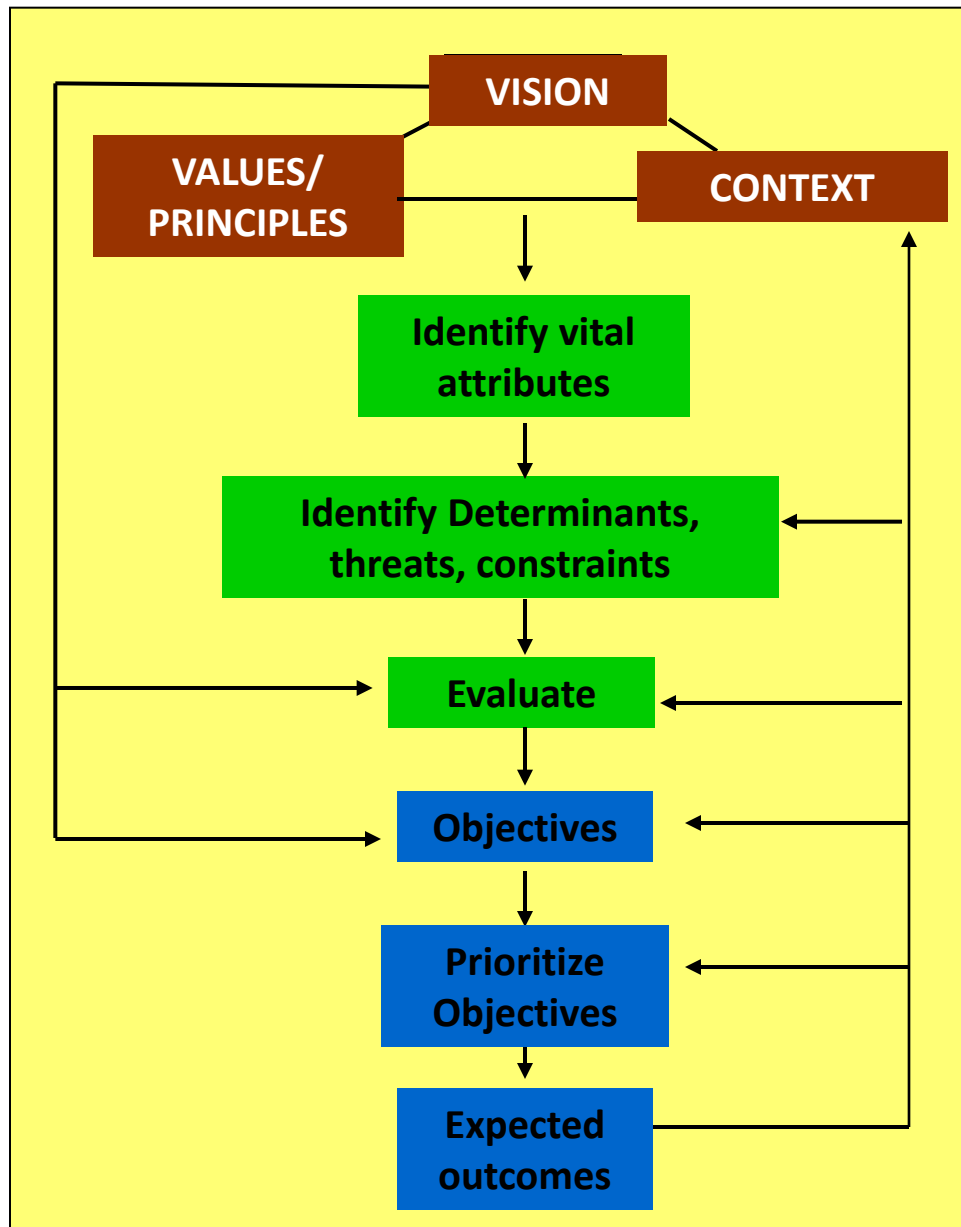
Highly
variable
and/or
uncertain

Decision outcomes are largely driven by
peoples’ value systems.

Strategic Adaptive Management



Adaptive Planning Processes



Defining the decision making environment

Understanding the “STEEP” system to be managed

Where we want to go and how we should get there?

STEEP: Social, Technical, Economic, Environmental, Political

A Stakeholder Centred Process for the Inkomati Catchment Management Strategy

15th February 2010

Orientation Workshop

Crocodile 9th March and

Komati 10th March

Sabie/Sand 12th March

Integration workshop 24th March 2010

**Cross-border
organisations**

Water user associations

Tourism

Municipalities/Domestic

Emerging farmers

Industry

**Non-governmental
organisations**

**Water service
providers**

**STAKEHOLDER GROUPS
IN THE INKOMATI WATER
MANAGEMENT AREA**

Forestry

Community based organisations

Inkomati CMA

Commercial farmers

Traditional leaders

Mining

**Government
departments
(including DWA)**

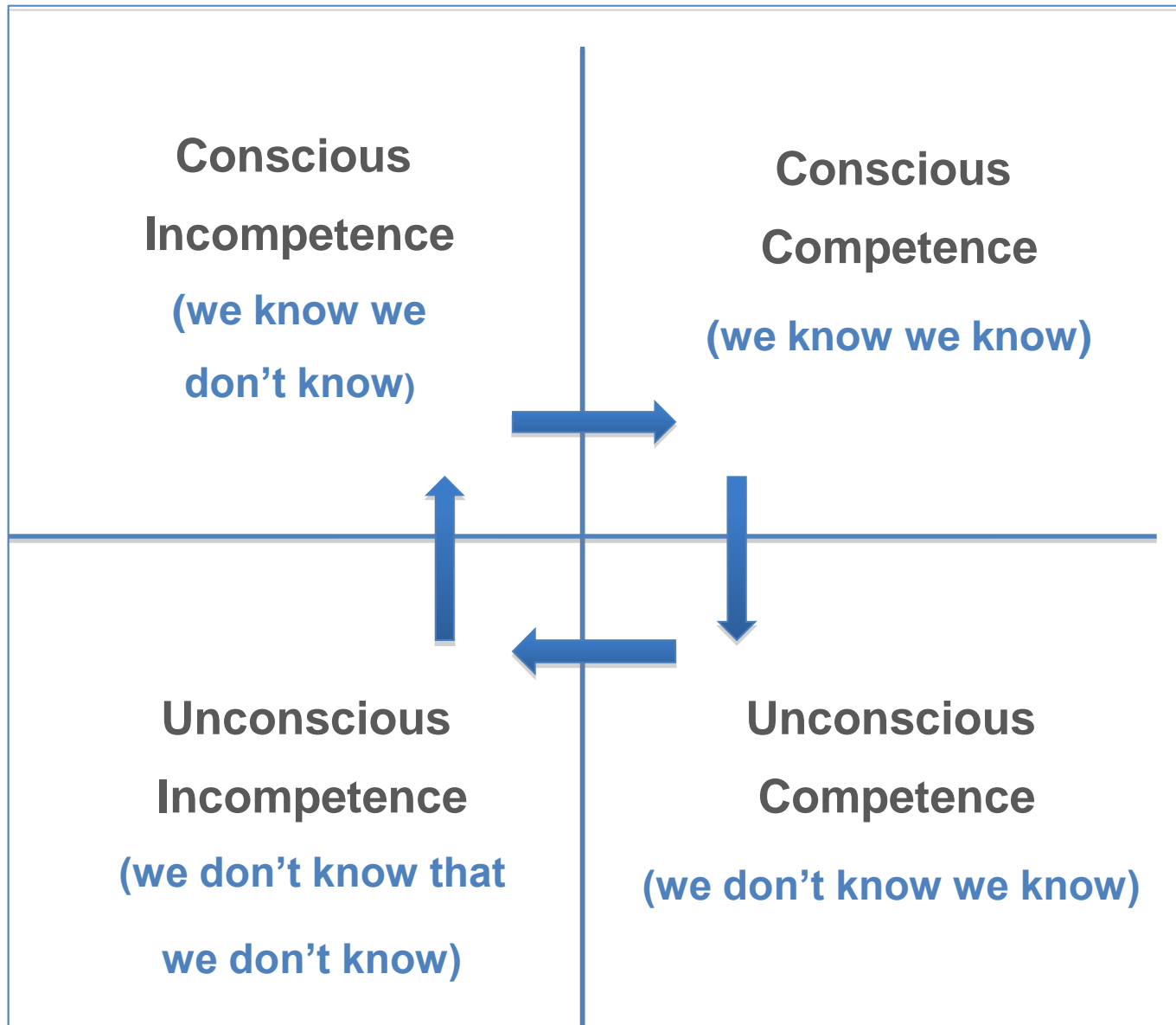
Conservation/Environment

Others?

Integrated Stakeholder Derived Objectives

	Practical IWRM to achieve equitable, sustainable, and efficient uses of Inkomati water resources which meet evolving stakeholder needs and legal obligations					
	A sustainable water resource		Collaborative and coordinated IWRM for wise socio-economic development			Secure financial arrangements for IWRM
Strategic Action Programmes	Resource Directed Measures	Source Directed Controls	Cooperative Governance	Stakeholder Engagement	Monitoring & knowledge management	Finance
Achieving equity						
Managing flow						
Managing water quality						
Generating and managing knowledge						
Achieving compliance and enforcement						
Generating revenue						

Achievable Cross-cutting Projects



Howell's (1982) four stages of learning