

Integrated Catchment Management (ICM)

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Contract Term: Sept 2003 – June 2009 (currently in Year 4 of 6)

FRST Portfolio: Sustainable Resource Use (SRU)



Landcare Research
Manaaki Whenua



Global Learning Ltd

Tiakina te Taiao Ltd

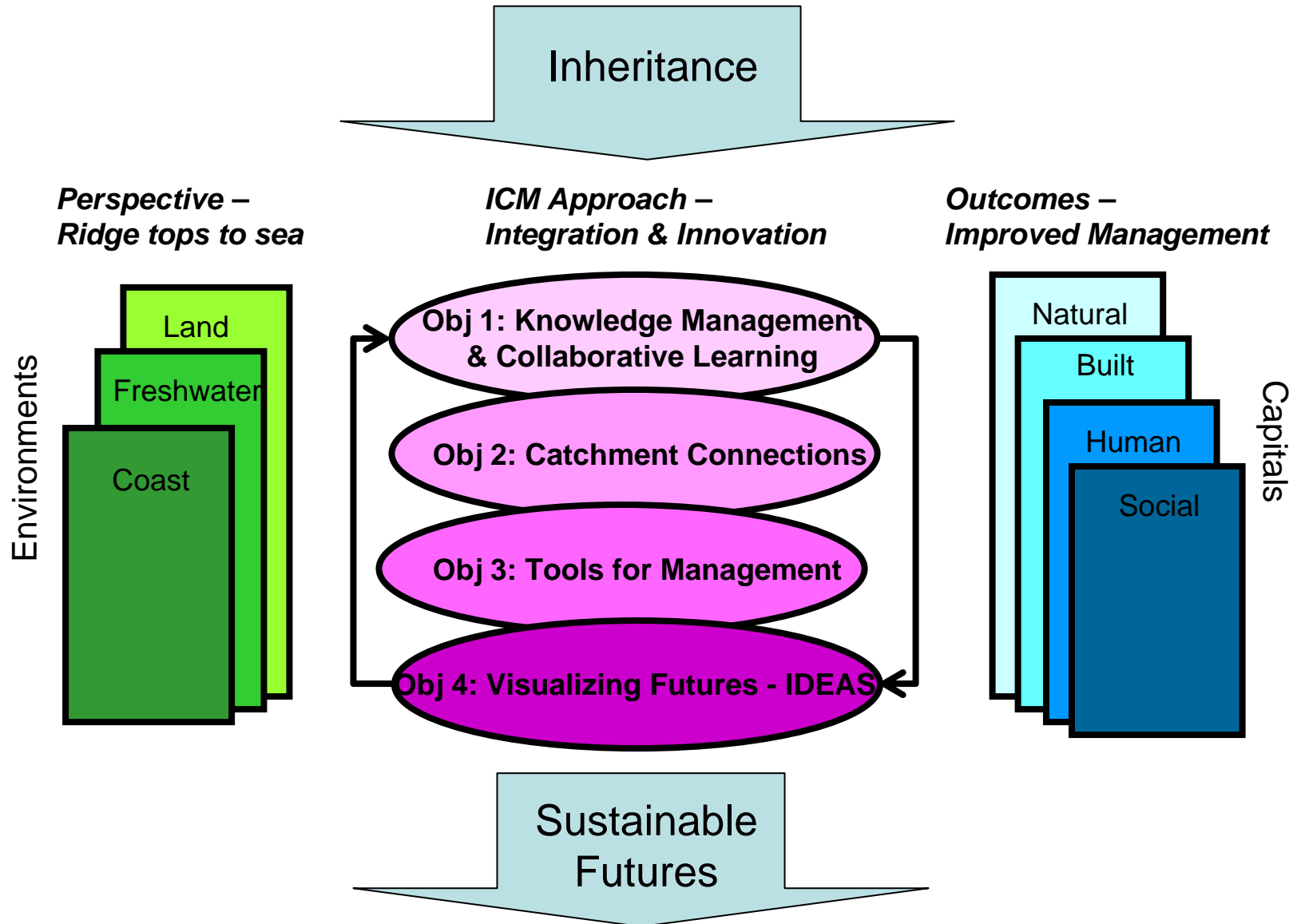
Pansophy Ltd



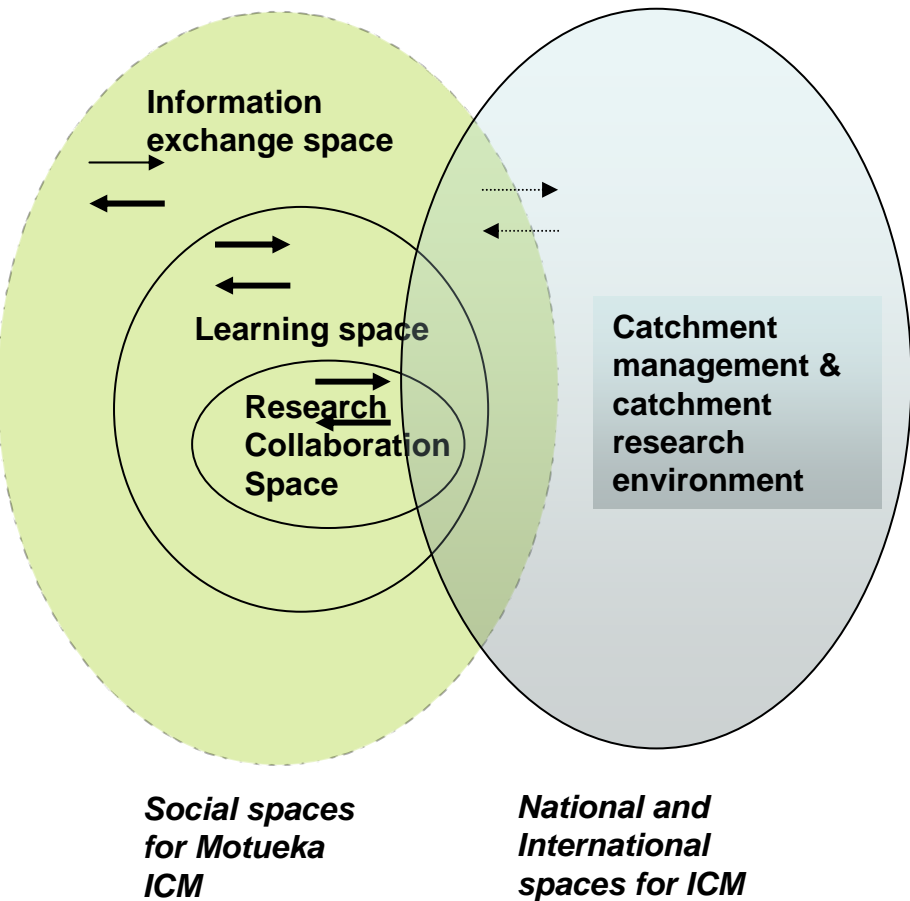
in this talk

- Overview of ICM
- Research
- Outputs
- End users
- Take home messages

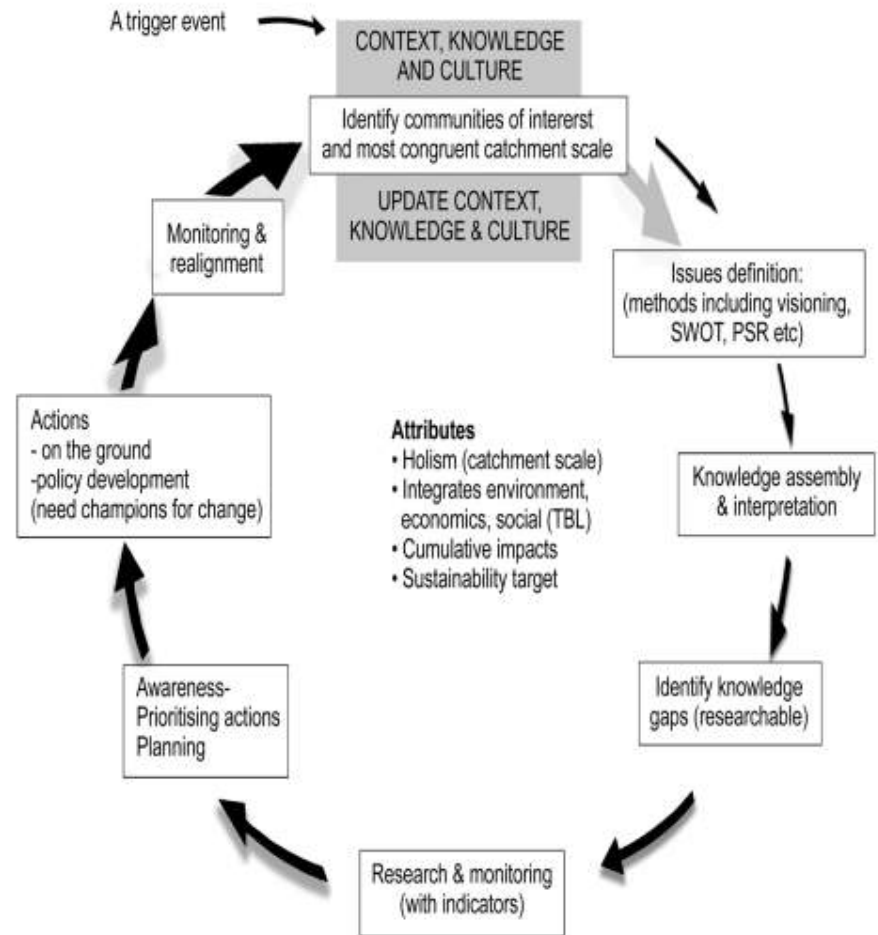
ICM Research Overview



Spatial and Temporal ICM



ICM Social Spaces



ICM Process

End-users

Stakeholders

- 
- 2 levels - RC policy & communities of landowners
 - Agencies, iwi, industry groups imp. (heaps)
 - Local, national, international
 - Scale of operation & influence varies - small to large

Outputs

- Heaps – traditional K products
- Lots of workshops, hui, AGMs etc
- Shorten pathway from research to use
- Accessibility to K products key

ICM Research Benefits

1. Wide recognition of ICM across NZ,
2. Motueka established as NZ's 'control plot' for ICM research
3. International profile
4. Exemplar of integrated environmental research - model for collaborative learning
5. Rare model of regional council (TDC) as active research partner
6. Sherry collaborative research supporting farmers' actions for *Clean Streams Accord*
7. Catchments redefined as extending offshore – River Plume Ecosystem concept developed and effects on AMAs demonstrated
8. Recognised leader with TDC in research and policy for water allocation, now being applied in Govt's *Sustainable Water Programme of Action*
9. Recognised leader in how to build iwi capacity for resource mgt

Future Research Directions

An aerial photograph of a coastal catchment area. In the foreground, a river flows through a patchwork of green agricultural fields and some residential buildings. The river winds towards the middle ground, where it meets a larger body of water, possibly a bay or a wide estuary. In the background, there are rolling green hills and mountains under a clear blue sky. The overall scene depicts a rural, agricultural landscape with a significant water body and a river system.

- Consolidate in Motueka catchment
- Expand into other catchments
- Comparative study of RPE concept
- Build on the integrative process that is ICM
- Define requirements to facilitate nation-wide implementation of ICM