Learning about integration

Lessons from ICM – Will Allen & Chris Phillips
Recap on today – Andrew Fenemor
Stories from ICM – Margaret Kilvington
Synthesis & Future – Gene Likens
Paddling the waka – Lessons from ICM

Will Allen & Chris Phillips
acknowledging the whole ICM team
• Engagement and learning - our research highlights

• Practicing what we preach - our 7 Lessons
Integrating through engagement and learning

- Land
- Freshwater
- Coastal/Sea
Social frameworks

• Help map and design social processes
ICM-Motueka social frameworks

- ICM-Motueka process cycle
- ISKM (Integrated Systems for Knowledge Management)
- Social Spaces
- Orders of outcomes
- Ways of working with iwi
Social platforms

• Going beyond traditional “meetings”
• Help people share ideas and create solutions
ICM-Motueka social platforms

- *Travelling River*
- *Watershed Talk*
- Community Reference Group
- Sediment learning group
- AGMs
- Hui
- *Confluens* online discussion
7 key Lessons from ICM Motueka

1 – Clarify the goal & work with key people
2 – Manage expectations
3 – Agree on integrative concepts
4 – Leadership
5 – Communication with trust & respect
6 – Different learning means different knowledge products
7 – Measure & celebrate success

These are directly transferable to all projects

Lesson 1:
Clarify the goal & work with key people

Goal: undertake research to help improve the management of land, freshwater, and near-coastal environments in catchments with multiple, interacting, and potentially conflicting land and water uses.
Lesson 2: Manage expectations

- Internally
- Externally
- Need time
- Keep bigger goal in mind
Lesson 3: Agree on integrative concepts

- Make integration part of the project
- Start integration at the beginning
- Plan an integrated project
- Multiple levels of interaction
Lesson 3 ctd: Agree on integrative concepts & face the challenge of epistemology

• What was integration?
• What did it look like?
• Bit of a struggle early on
• Some got “it”, others haven’t
• ICM was the unifying concept
Lesson 4: Good leadership & management

- 2 leaders – 2 styles
- End user partner became leader
- Both did some science
- Maintaining the momentum
Lesson 5:
Communication with trust & respect

Mutual trust, understanding and respect are pre-conditions for integrative and collaborative work.
Lesson 6: Different learning means different products

- Wider Knowledge products
- Publish or perish?
- Different paradigm
Lesson 7: Measure & celebrate success

- Evaluation & reporting
- Different metrics, e.g. capacity building
- Relationships
“Scientists cannot afford to remain detached experts who deliver knowledge to managers, but must assume the roles of collaborative learners and knowledge generators in a science-management partnership”

Roux et al. (2006)
“The real voyage of discovery consists not in seeking new landscapes, but in having new eyes”.

- Marcel Proust
Recap on today

Andrew Fenemor

“ridge tops to the sea”
Recap on how we’ve addressed the 5 BIG research questions common across all NZ catchments

Involving children in ICM – announcing results of ICM schools competition sponsored by Landcare Research & Cawthron Institute
A Hover of Trout

Wall hanging by
Ngatimoti School Room 4
Motueka River
Irene Post
Ngatimoti School
Motueka River catchment

Lisa Podlucky

Motueka High School
All as One
Tegan Lamont
Motueka High School
Stories from ICM

Margaret Kilvington
and others
Synthesis

Dr Gene Likens

Cary Institute for Ecosystem Studies