



National Environmental
Research Program

TROPICAL ECOSYSTEMS *hub*

Setting management objectives for inshore biodiversity

Project 9.2: GBR-MSE

Presenter: Dr Cathy Dichmont, CSIRO

Forum Title: Managing natural resources for future generations



PROJECT TEAM

- **CSIRO:** Cathy Dichmont (Project leader), Olivier Thébaud, Wendy Proctor, Roy Deng, Roland Pitcher, Leo Dutra, Jeffrey Dambacher, Ricardo Pascual
- **James Cook University:** Neil Gribble, Catherine Collier, Michele Waycott
- **Great Barrier Reef Marine Park Authority:** Laurence McCook, David Wachenfeld, Mark Read, Randall Owens, Rachel Pears, Darren Cameron, Margaret Gooch, Fergus Molloy
- **Department of Agriculture, Fisheries and Forestry:** Ross Quinn, Eddie Jebreen
- **Department of Environment and Heritage Protection:** John Bennett
- **Department of Science, Information Technology, Innovation and the Arts:** Julia Playford, Michael Warne



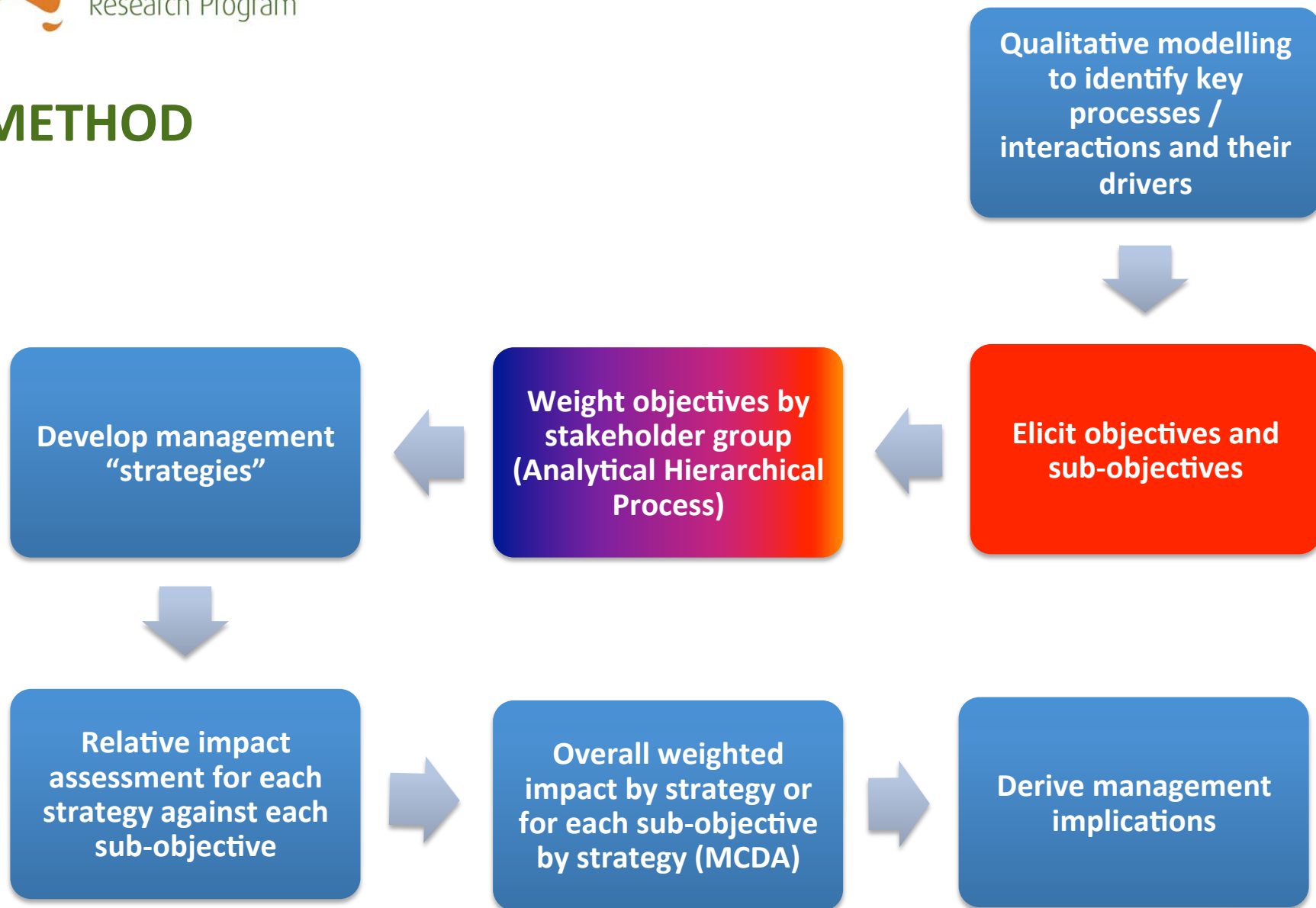
SUMMARY OF ISSUE

- The project aims to develop a Management Strategy Evaluation framework using a stakeholder driven approach
 - Local management options
 - Local stakeholders
- Coastal zone management focusing on:
 - Biodiversity
 - Fisheries
- Two case studies
 - Mackay
 - Burdekin

“Local people influencing local management of natural resources for future generations.”

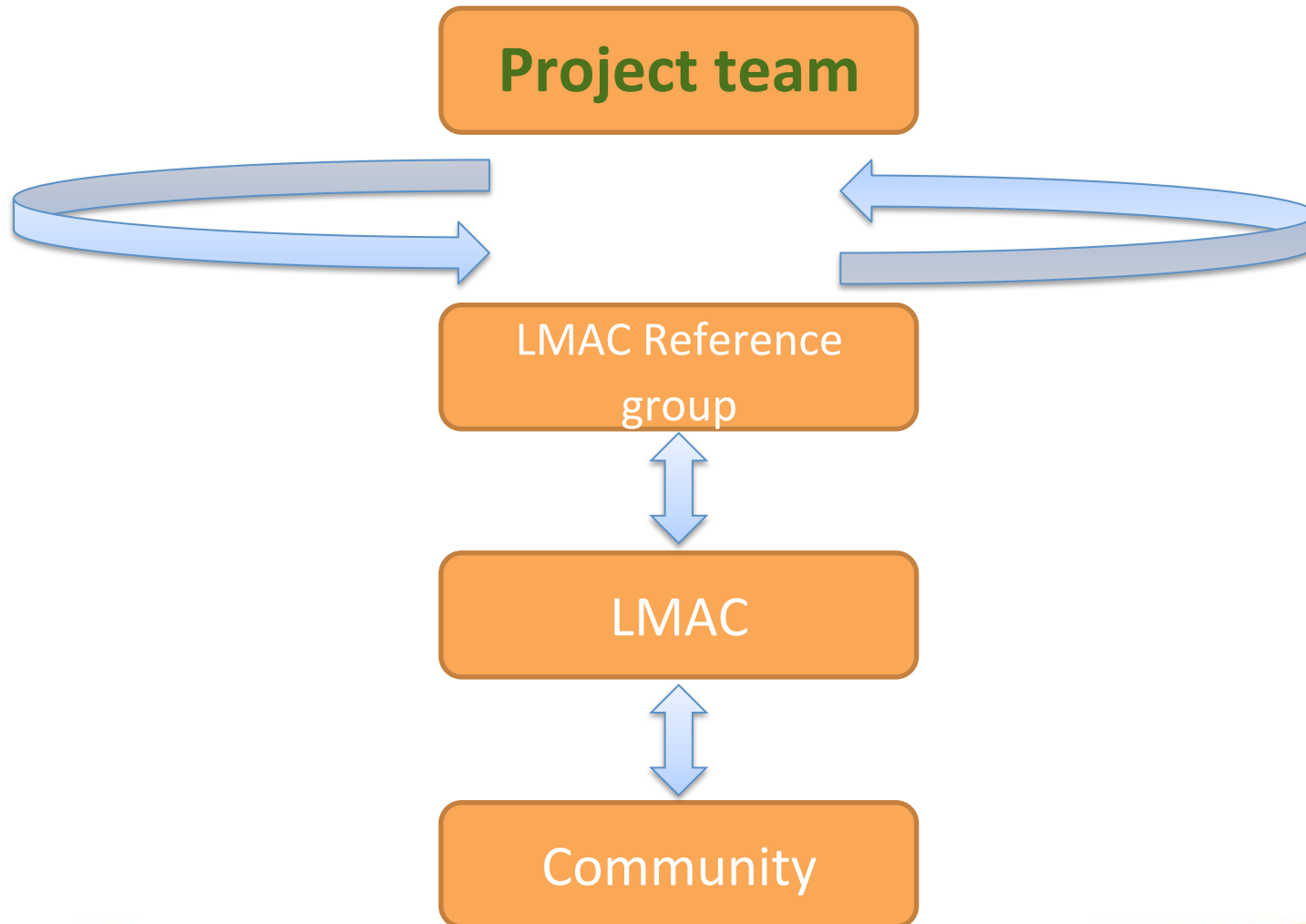


METHOD





MACKAY ENGAGEMENT PROCESS





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Objectives



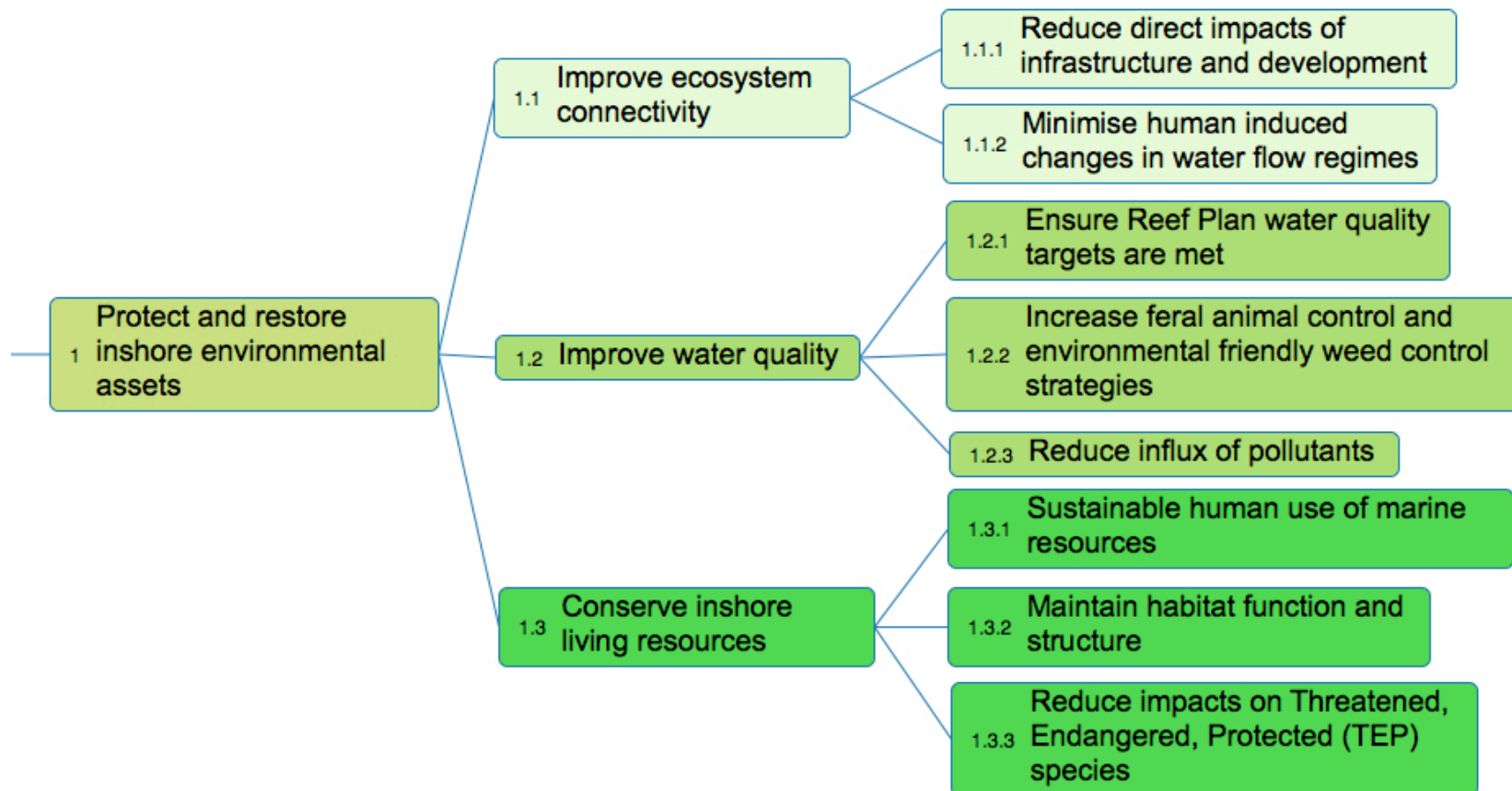


PROCESS

- Reviewed literature (grey and published)
- With LMAC reference group
 - Reviewed list of objectives (added, combined and deleted)
 - Created a final list of objectives
 - Created draft objectives and objective hierarchy
- With LMAC
 - Workshopped draft list
 - Made small changes
 - Endorsed final hierarchy
- Objectives weighting underway

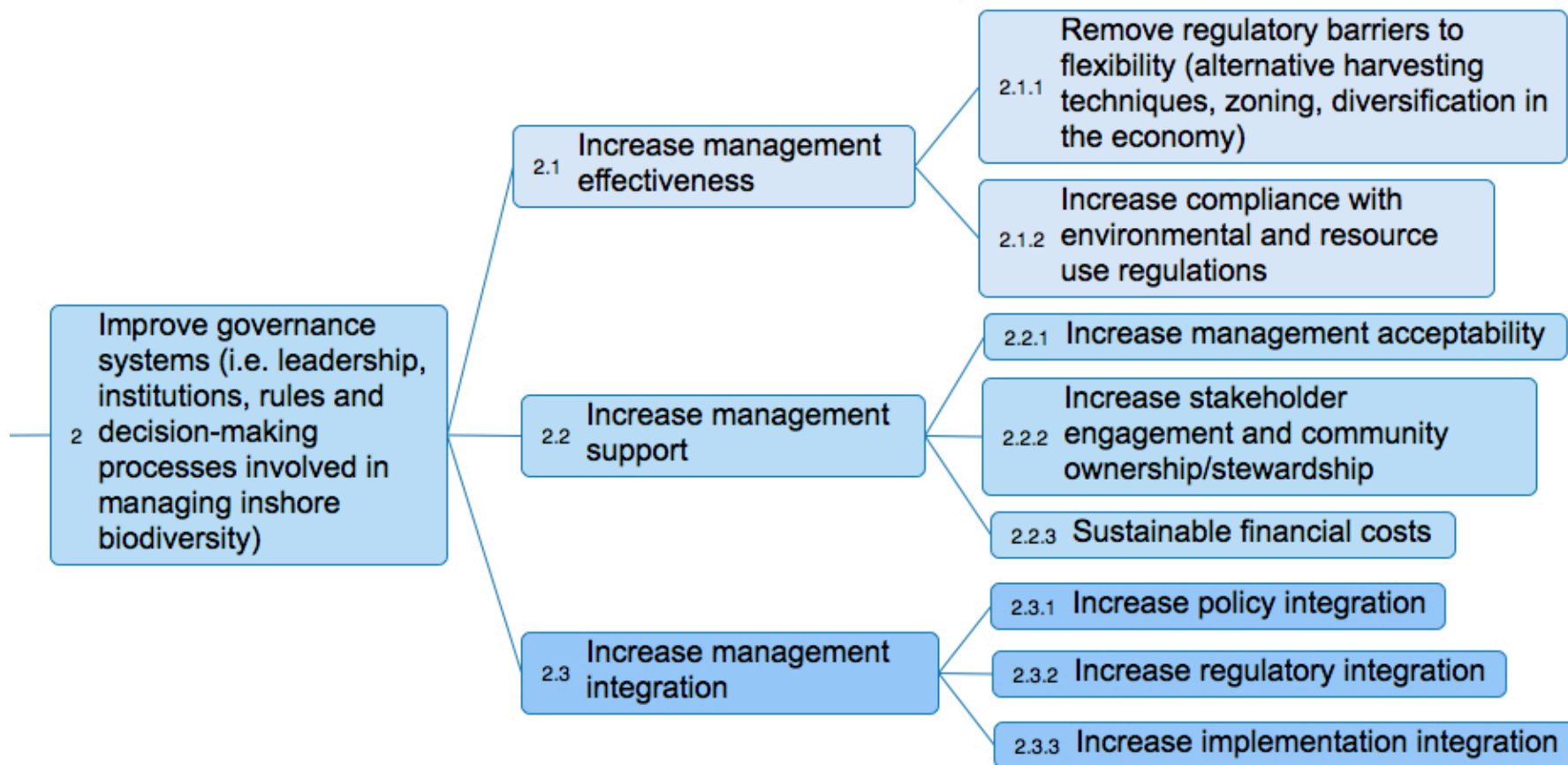


1. ENVIRONMENT BRANCH



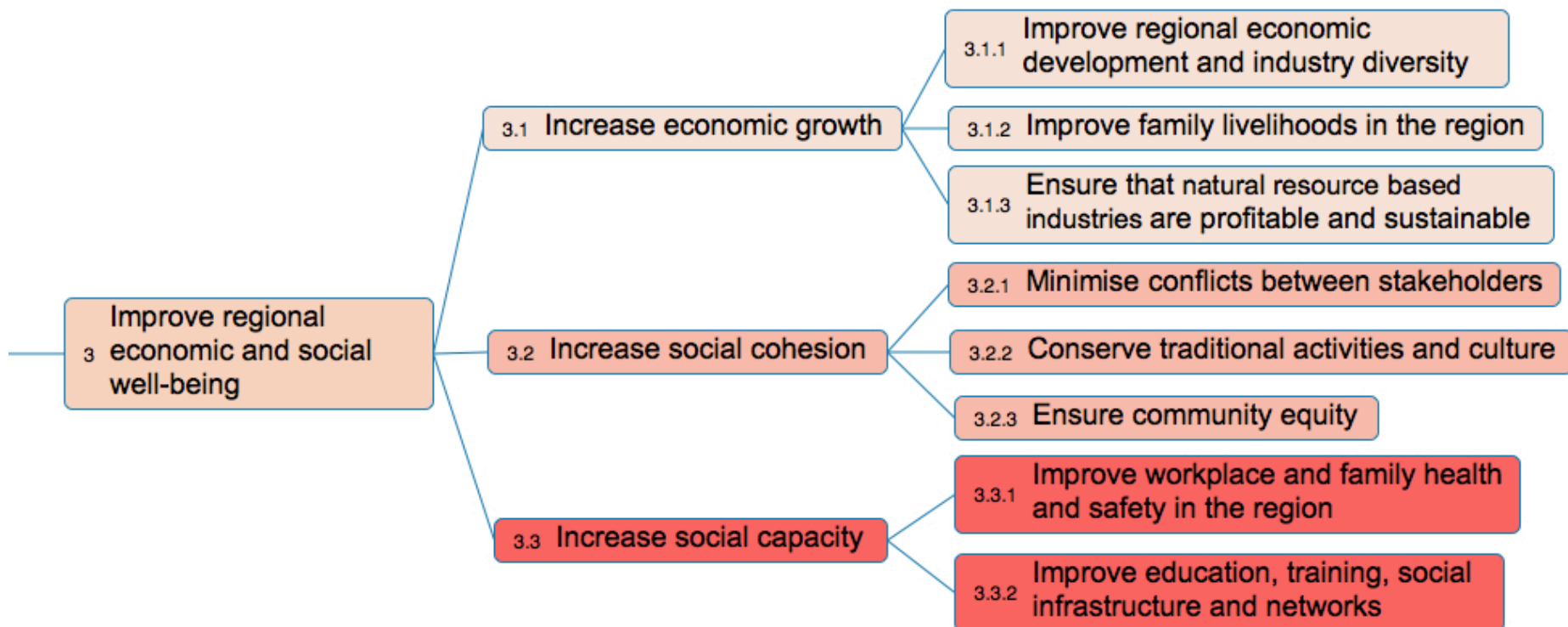


2. GOVERNANCE BRANCH





3. SOCIO-ECONOMIC BRANCH





NEXT STEPS

- Relative weighting of the objective
 - Use Analytical Hierarchical Process (AHP)
- AHP with LMAC and reference group underway
- But, AHP with the community
 - How best to do this?
- Developing media strategy



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THANK YOU

This research is a collaboration between CSIRO, James Cook University, the Great Barrier Reef Marine Park Authority and the Queensland Government (Department of Agriculture, Fisheries and Forestry, Department of Environment and Heritage Protection and the Department of Science, Information Technology, Innovation and the Arts).



Australian Government
Great Barrier Reef
Marine Park Authority



Queensland Government