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National SCIENCE Challenges

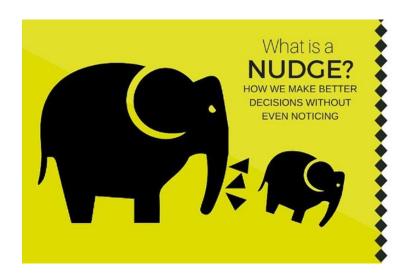
SUSTAINABLE SEAS Ko ngā moana

EBM within existing legislative frameworks

- What will it take to achieve EBM in NZ?
 - Exploring incremental and transformative change
 - Knowing the potential of current frameworks
 - Principles for NZ specific EBM developed as a national conversation
 - Policies and the potentiality of policy making processes

How might we know progress towards EBM is happening?





- Changes to
 - rules?
 - thinking?
 - practices?
 - organisations?
 - relationships?

Ko ngā moana

Case analysis

- Sea Change: Tai Timu Tai Pari planning approach initiated in 2013 for the Hauraki Gulf.
- Brydes Whale voluntary protocol, 2013.
- King Salmon applications, Marlborough Sounds 2011.
- Chatham Rock Phosphate Ltd May 2014 application to Environmental Protection Authority.
- Permitted activities of the Exclusive Economic Zone and Continental Shelf (Environmental Effects)
 Amendment Act 2013.
- Trans-Tasman Resources: 2013 application to mine iron sand in the South Taranaki Bight.



Thematic analysis

- Science interfaces: evidence based decision making and changing science-society relations.
- Emergence: when law becomes practice, insights from the implementation of the EEZ act.
- Precaution: risk and decision making.
- Precariousness: thresholds for change.
- Potentiality for participation: insights from the practice of Rāhui.
- Institutionalising EBM: how does NZ compare internationally.



Pathways through which EBM is emerging

- EBM is a being produced through unique and specific historical processes.
- Public understanding of these pathways, and what EBM is responding to will shape future accountability for EBM.
- Documenting EBM narratives

Timeline

- Team formed in June 2016 now growing with research assistants and implementation relationships.
- Document analysis underway to assess current frameworks.
- Supporting Challenge conversations about EBM principles
- Interviews taking place now up to July 2017.
- A variety of publications for diverse audiences underway – <u>Policy Quarterly</u>, Marine Policy and Transnational Environmental Law ... more over next 9 months.
- Planning next project: Future EBM frameworks

