National SCIENCE Challenges

SUSTAINABLE SEAS

Ko ngā moana whakauka

Towards a sustainable blue economy for Aotearoa Judi Hewitt







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What are we talking about?

Blue economy — is one that works innovatively with marine resources to add value, **improve livelihoods** and **enhance ecosystem health**

- Projects from Our Seas, Valuable Seas and Tangaroa
- Mainly focussed on adding value
- But two blue economy projects will start and end the session

List of projects

- Creating value from a blue economy
- Huataukīna Tō Iwi E: Bioactives from Tairāwhiti kīna
- Frameworks for achieving and maintaining social licence
- Early detection of HAB (Harmful Algal Blooms)
- Measuring ecosystem services and assessing impacts
- Coastal acidification mitigation strategies
- Whai Rawa, Whai Mana, Whai Oranga: the Māori marine economy
- Re-use of offshore infrastructure and platforms
- Tidal energy
- Near real-time forecasting of contamination risk

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