

Open Space Record Sheet

The name of the proposed activity/ idea	DEEP SEA RISK ASSESSMENT TOOLS for the better management of the Ecosystems of the deep sea		
Important elements of the proposed activity	Identify risk assessment tool for biodiversity Understand ecosystem services and function Multiple lines of evidence approach (site specific) How to predict the effects of change (anthropogenic, trophic, natural variability, ecotoxicology) – Methodology > Feeds into protocols and procedures for assessment		
Its rationale (which societal issues it addresses, how it integrates into scientific cooperation needs, or how it qualifies as an innovation niche)	Understanding what value of deep sea ecosystems are at threat Multidisciplinary study; make the tools, use the tools, process the data Need new tools and approaches to determine how communities can 'value' ecosystem as it is and when changed after mining		
To which other initiatives, if any, it connects.	Identifying biodiversity offsets (value) (quality)		
Who would be the beneficiaries?	Mining companies/governments/communities To help identify ACCEPTABLE RISK		
What are the resources needed (money, time, and skills)?	Partnership with industry Benefit form existing knowledge, continual evolution Multidisciplinary teams: taxonomy, toxicity, geoscience...		
Who is/ are the champion(s) of this initiative (names of persons and institutions)?	<u>Amanda Reichelt-Brushett</u> (Southern Cross Univ., Australia) <u>Judith Hewitt</u> (NIWA, New Zealand) <u>Desmond Lee Hang</u> (NUS, Samoa) <u>Rak Kim</u> (ANU, Australia) <u>Ray Wood</u> (Chatham Rock Phosphate, New Zealand) <u>Bernard Pelletier</u> (IRD, GOPS)		
What are specific next steps to make it happen and when (timeline). Who is responsible for each step?	What?	By when?	Who assures?
	Baseline review of ecosystem function / identify gaps Risk assessment strategy-share	12-24 months	Champions & SOPAC
	Testing methods and approaches	On going	Champions & SOPAC
	Develop protocol that can be adaptive/reflective using multiple lines of evidence	24-36 months	Champions & SOPAC