




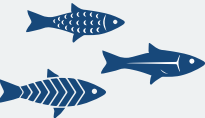















2.2 Example of a transition in how a societal challenge is seen

Unsustainable fishing practices provide an interesting example of how the way we look at a societal challenge can change over time. Once seen as a complicated, domestic sectoral problem, unsustainable fishing practices are increasingly understood as part of a more complex or ‘complexity cubed’ problem, and as both a domestic cross-sectoral and global (or at least regional) coordination problem.(3)

Level	Domains where challenges need to be understood			Management framework		
Single-species fisheries management	Single species 				Fishery management plan	
Ecosystem approach to single-species fisheries management	Single species 	 Climate	 Ecology	 Habitat	Fishery management plan	
Ecosystem-based broad fisheries management	Multi-species 	 Climate	 Ecology	 Habitat	Fisheries management plan	
Ecosystem-based whole-ocean management	 Aquaculture	 Conservation	 Development	 Ecotourism	 Energy	Regional ocean plans
	 Fisheries	 Marine	 Oil and gas	 Sanctuaries	 Other	