

Economical impact of data collection in Europe

IHO EUROPEAN NETWORK WORKING GROUP (IENWG)

23/05/2023

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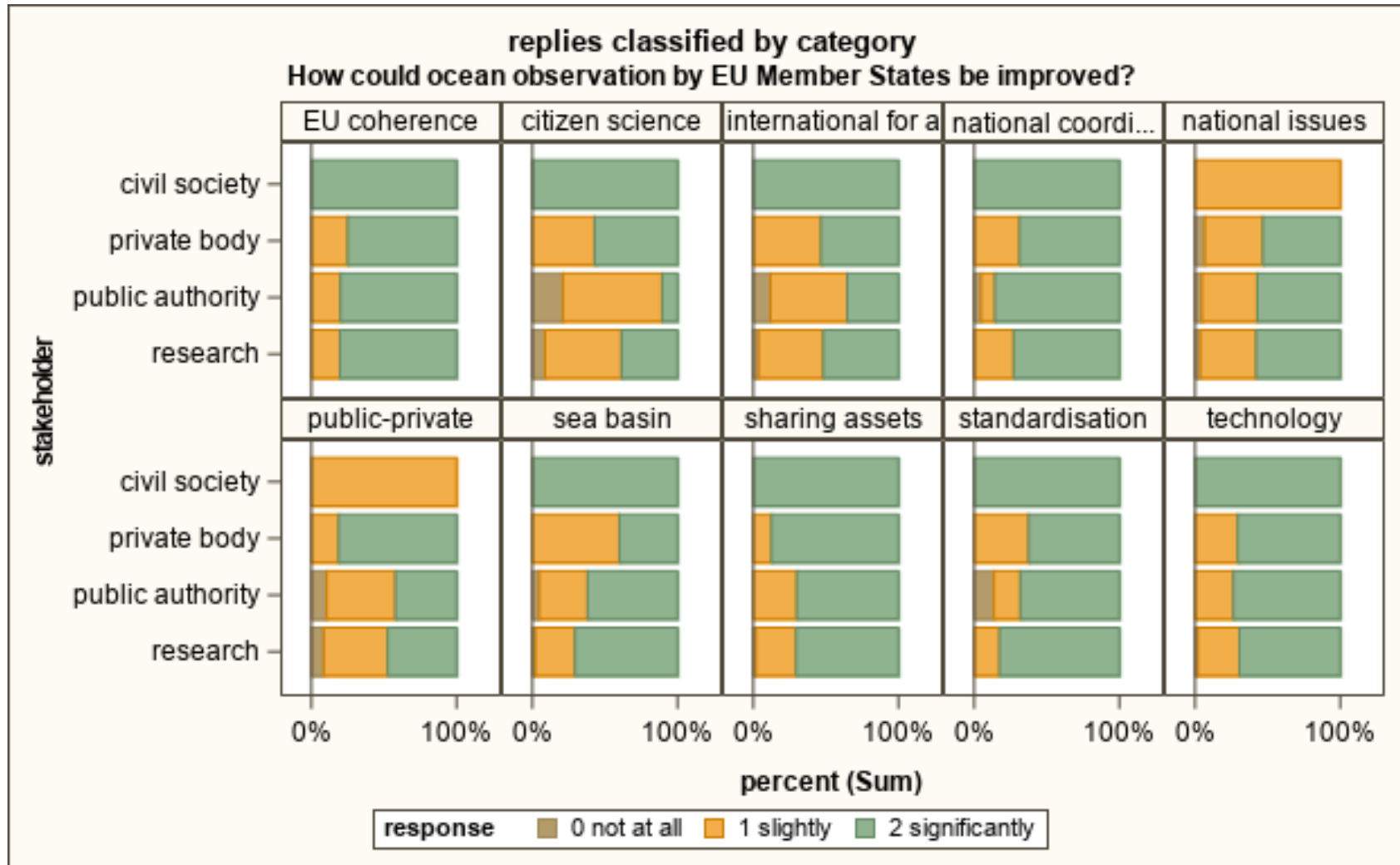
Issues to resolve

- Many different entities are responsible and carrying out different type of observations within a country
- Currently, there is little coordination – limited synergies



Country	Development and economy	Science and education	Agriculture and fisheries	<u>Defence</u>	Ocean	Foreign affairs	Energy	Environment	Transport	Other
Belgium	observing	monitoring	both	both				monitoring		observing
Bulgaria		monitoring	observing	monitoring				monitoring		
Croatia	monitoring	both	observing	monitoring				both		
Cyprus		monitoring	monitoring					monitoring		
Denmark		both	both				both	both		
Estonia	observing	both	observing	both				both		both
Finland		both	both	both				both	both	
France		both	both		both	both		monitoring	both	
Germany	both	observing	both					observing	both	
Greece	both	both	observing					both		
Ireland	observing	observing	observing	observing		observing	observing	observing	observing	observing
Italy	observing	monitoring	observing	both	both			monitoring	observing	monitoring
Latvia		both	both	both	both			both		
Lithuania		both	observing	both				both		
Malta										
Netherlands			observing	both	both					both
Poland		monitoring	observing					monitoring		monitoring
Portugal		both	both	both	both	both				
Romania	observing	both	observing	both				both		
Slovenia		both	both					both		
Spain		monitoring	both	both					observing	
Sweden		both						both		both

How could ocean observation be improved ?



Cost of Ocean Observation

Ocean Observation is performed for

- Research
 - Hydrography
 - Fisheries
 - Environmental monitoring
 - Licensing
-
- Hydrography: based on numbers collected by IHOs for FR-DE-IE-IT and PT and extrapolating to EU yields 400 MEur per year
 - The total spending on ocean observation by public bodies in the EU, or in response to public requirements is estimated to be between 1.5 bEur and 2 bEur per year.

Discussion

- Do we have as concrete examples of cooperation / synergies in planning Ocean Observation in the field of hydrography ?
- What are the main obstacles to cooperation / synergies ?
- If we were to structure cooperation / synergies on OO, how would we organise this ?
- If we were to quantify the benefits of cooperation and synergies in Ocean Observation, how could we proceed ?