C-CORE 2.8 Scientific independence in environmental monitoring of pollution

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Challenge

Challenge ID	C-CORE_OFF2.8
Title	**Scientific independence in environmental monitoring of pollution**
Challenge originator:	
General Description	
What data/products do you use?	Aerial surveillance, self-reporting pertaining to a ccidental spills, drill cuttings, atmospheric emissions, light and noise
When do you use this kind of dataset?	Any time once exploratory drilling commences
What are your actual limitations and do you have a work around?	Public confidence in self-reporting is low, aerial surveillance or other types of independent monitoring are few, expensive or non-existent
Needs and expectations on EO data	High resolution imagery capable of detecting and tracking slicks and plumes of discharged materials
Challenge classification	
Pre license	
Exp.	3
Dev.	3
Prod.	3
Decom.	3
Geographic context/ restrictions	- Eastern Mediterranean
Topographic classification / Offshore classification	Ocean
Activity impacted /concerned	Due diligence tool
Technology Urgency	Immediately (0-2 years)
Information requirements	
Update frequency	Daily
Temporal resolution	Daily
Spatial resolution	10-100m
Data quality	High
Data Coverage and extent	District area

Example format	High resolution image
Timeliness	As close to real-time as possible
Existing standards	Galil B. and Herut B. 2011. *Marine environmental issues of deep-sea exploration and exploitation activities (oil and gas) off the coast of Israel.* IO LR Report H15/2014

Relevant products

Content by label

There is no content with the specified labels