

C-CORE 2.12 Information on the intertidal and shallow marine environment

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Challenge

Challenge ID	C-CORE_OFF2.12
Title	Information on the intertidal and shallow marine environment
Challenge originator:	
General Description	
What data/products do you use?	Data currently collected through shoreline and small boat surveys, but satellite imagery has been used to help with broad classification
When do you use this kind of dataset?	When offshore produced in transported to shore via pipeline, or operation requires construction of a terminal and has associated shipping with potential of oil spills in nearshore environment
What are your actual limitations and do you have a work around?	EO products have been used in some cases but are expensive. Using EO products for this would still require on-the-ground validation, but if area is extensive, assessment in this way would save time and could easily repeated on a seasonal basis
Needs and expectations on EO data	High resolution maps that will allow characterization/ classification of inter and sub-tidal environment
Challenge classification	
Pre license	1
Exp.	1
Dev.	1
Prod.	1
Decom.	1
Geographic context/ restrictions	- Falkland Islands
Topographic classification / Offshore classification	Shallow Water
Activity impacted /concerned	Strategic decision enabler
Technology Urgency	Mid-Term (5-10 years)
Information requirements	
Update frequency	One-off, perhaps every few years might be helpful
Temporal resolution	Seasonal
Spatial resolution	1m
Data quality	High
Data Coverage and extent	District area

Example format	High resolution image
Timeliness	Reference data - timeliness not important
Existing standards	Falkland islands Biodiversity Strategy: 2008 – 2018. 2008. Falkland Islands Government: Environmental Planning Department. Available at: http://www.epd.gov.fk/wp-content/uploads/BiodiversityStrategy09.pdf

Relevant products

Content by label

There is no content with the specified labels