C-CORE 2.1 Monitoring of landfall site recovery and coastal vegetation

Monitoring of landfall site recovery and coastal vegetation

Challenge

Challenge ID	C-CORE_OFF2.1
Title	**Monitoring of landfall site recovery and coastal vegetation**
Challenge originator:	Enterprise Energy Ireland Ltd
General Description	
What data/products do you use?	Vegetation data currently collected through shoreline surveys, but satellite imagery has been used to help with broad vegetation classification
When do you use this kind of dataset?	When offshore production transported to shore via pipeline, or operation requires construction of a terminal and has associated shipping with potential of oil spills in nearshore environment Characterization and vulnerability of coastline and 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 be repeated on a seasonal basis.
Needs and expectations on EO data	High resolution maps that will allow characterization/ classification of coastal vegetation and coastal substrate
Challenge classification	
Pre license	1
Exp.	1
Dev.	1
Prod.	1
Decom.	1
Geographic context/ restrictions	- Ireland
Topographic classification / Offshore classification	Ocean
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	

Relevant products

Content by label

There is no content with the specified labels