

# C-CORE 2.11 Monitoring of waste management practices

## Monitoring of waste management practices

### Challenge

<b>Challenge ID</b>	C-CORE_OFF2.11
<b>Title</b>	<b>Monitoring of waste management practices</b>
<b>Challenge originator:</b>	
<b>General Description</b>	
<b>What data/products do you use?</b>	Self-reporting, ship-based water sampling, aerial surveys, ship to shore waste transfer
<b>When do you use this kind of dataset?</b>	Environmental and compliance monitoring
<b>What are your actual limitations and do you have a work around?</b>	Self-reporting is not trusted, other sampling is infrequent and expensive
<b>Needs and expectations on EO data</b>	High resolution imagery capable of detecting and tracking plumes of discharged materials
<b>Challenge classification</b>	
<b>Pre license</b>	
<b>Exp.</b>	1
<b>Dev.</b>	1
<b>Prod.</b>	1
<b>Decom.</b>	1
<b>Geographic context/ restrictions</b>	All regions
<b>Topographic classification / Offshore classification</b>	Ocean
<b>Activity impacted /concerned</b>	Public trust, compliance, environmental liability
<b>Technology Urgency</b>	Short term (2-5 years)
<b>Information requirements</b>	
<b>Update frequency</b>	Daily-weekly
<b>Temporal resolution</b>	Daily-weekly
<b>Spatial resolution</b>	100m
<b>Data quality</b>	Medium to high
<b>Data Coverage and extent</b>	District area, vessel route and onshore site
<b>Example format</b>	Mid-high resolution image
<b>Timeliness</b>	As close to real-time as possible
<b>Existing standards</b>	RPS Energy. 2009. <i>Environmental Impact Assessment for Offshore Drilling The Falkland Islands</i> . Report prepared for Rockhopper Exploration PLC.

# Relevant products

**Content by label**

There is no content with the specified labels