

C-CORE 2.11 Monitoring of waste management practices

Monitoring of waste management practices

Challenge

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