

Hatfield-4105: Identification of cultural heritage and archeology assessment

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Challenge

Challenge ID:	HCP-4105	Originator:	Onshore: Hatfield
Title:	Identification of cultural heritage and archeology assessment.		
Theme:	ON 4.1: Environmental monitoring - Baseline historic mapping of environment and ecosystems		
Consortium Lead:	RPS Group	Interviewed Company:	RPS Group
Geography:	ON.REG.00 - Generic onshore		
Challenge Description			
What is not possible / not adequately addressed at present?			
Macroscale cultural archeological remnants need to be understood for social and cultural risk management and mitigation (e.g. tumuli in Algeria).			
What effect does this challenge have on operations?			
Important to ensure that operations manage environmental and social risks. The social license to operate requires no damage to culturally-sensitive areas.			
Thematic information requirements:	Ortho base images Terrain information Topographic information		
What do you currently do to address this challenge?			
How is this challenge conventionally addressed?			
Consultation or prior determined areas.			
What kind of solutions do you envisage could address this challenge?			
Mapping of certain cultural features or sites using satellite images.			
What is your view on the capability of technology to meet this need?			
Are you currently using EO tech? If not, why not?			
Many features are small, partially or fully buried, or only found through interviews with local populations. Potential further use of EO in archaeology; for example to detect soil compaction from previous settlements, or indirect assessment of potential f			
Challenge Classification			
Impact on Lifecycle (0=none, 4=high):		Climate / Topography / Urgency:	
Pre-license:	2	Climate class:	Generic climate
Exploration:	4	Topographic class:	Not specific
Development:	4	Seasonal variations:	Warmer weather focus
Production:	0	Impact area:	Environmental
Decommissioning:	0	Technology urgency:	1 - Mid-Term (5-10 years)
Challenge Information Requirements			
Update frequency:	Snapshot		
Data currently used:	Existing government reports		
Spatial resolution:	Basin		
Thematic accuracy:	Not specific		

Required formats:	Not Specific
Timeliness (Vintage):	Within six months
Geographic extents:	Regional
Existing standards:	None

Relevant products

Content by label

There is no content with the specified labels