

Hatfield-4103: Social baseline information to support compensation and/or resettlement

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Challenge

Challenge ID:	HCP-4103	Originator:	Onshore: Hatfield
Title:	Social baseline information to support compensation and/or resettlement.		
Theme:	ON 4.1: Environmental monitoring - Baseline historic mapping of environment and ecosystems		
Consortium Lead:	Hatfield	Interviewed Company:	Hatfield
Geography:	ON.REG.00 - Generic onshore		
Challenge Description			
What is not possible / not adequately addressed at present?			
Environmental impact assessment will require social baseline information with information on households, agricultural land use, forest use, and other livelihood information. If resettlement is required, a resettlement action plan (RAP) will need a range of information on potential areas for resettlement and data to support compensation of land use changes. Need information on land parcels, households, and land use.			
What effect does this challenge have on operations?			
Social baseline information is a critical information requirement for project development. The social license to operate depends on effective resettlement and compensation for land use and livelihood impacts. Effective planning can reduce costs and improve results.			
Thematic information requirements:	Land cover Land use Distribution and status of infrastructure Ortho base images Terrain information Topographic information Water quantity		
What do you currently do to address this challenge?			
How is this challenge conventionally addressed?			
Extensive ground and household surveys. Combination of available high resolution satellite imagery in combination with aerial imagery.			
What kind of solutions do you envisage could address this challenge?			
Improved land parcel data, agriculture land use history, and household density.			
What is your view on the capability of technology to meet this need?			
Are you currently using EO tech? If not, why not?			
Extraction of data from imagery is expensive.			
Challenge Classification			
Impact on Lifecycle (0=none, 4=high):		Climate / Topography / Urgency:	
Pre-license:	0	Climate class:	Generic climate
Exploration:	2	Topographic class:	Not specific
Development:	4	Seasonal variations:	Any season
Production:	3	Impact area:	Environmental
Decommissioning:	2	Technology urgency:	3 - Immediately (0-2 years)

Challenge Information Requirements	
Update frequency:	Snapshot
Data currently used:	In-situ monitoring and surveys
Spatial resolution:	Regional, 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