

EO-ESIA

EO-enabled Environmental and Social Impact Assessments

Omanos combines satellite data analysis with community intelligence and other ground data sources to identify and monitor social and environmental impacts of large infrastructure projects.

This supports risk reduction for communities, the environment, governments, and investors.

Data products are aligned with requirements for Environmental and Social Impact Assessments across mining, oil and gas, green energy and large-scale agriculture.

Agile

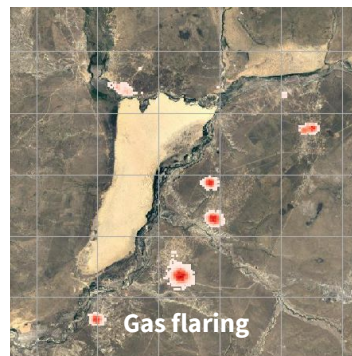
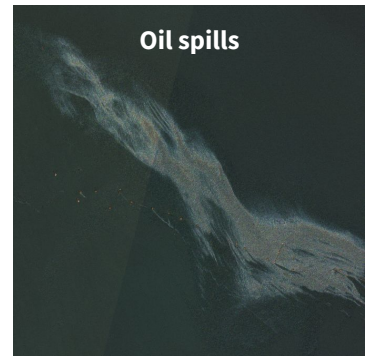
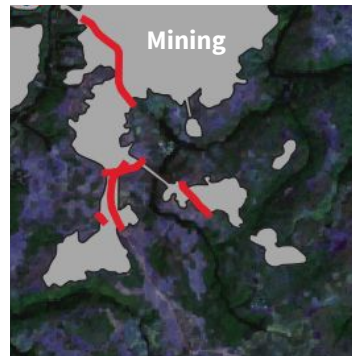
EO data provides regularly updated measurements of the Earth's surface. Omanos uses these insights to generate accurate, comprehensive, ground-truthed assessments and ongoing monitoring of land use and changes over time. Our agile data products are built on a combination of automated and human analysis

Accessible

Bespoke data products are designed for impact and intelligibility across different audiences and stakeholders, from policy makers to compliance officers to investors. Analysis and investigation parameters can be developed collaboratively and delivered in a range of formats depending on requirements.

Actionable

Our data products are used for a variety of applications including baseline surveys, compliance monitoring, future risk mitigation, retrospective investigation and legal arbitration.



Base EO Datasets	GSD	Stakeholders	Data Products
Copernicus Sentinel 1 & 2	5-10m	Developers	User-focused reports
Landsat	30m	Government regulators	Slide decks
MODIS	250m	Investors	GIS products
VIIRS Nightfire	375m	Communities	Interactive visualisations
Hi-res	30cm - 3m	Independent monitoring bodies	