

Agora Session: EO for the Energy Production Sector

As part of ESA's Living Planet Symposium 2019, held in Milan, we are organising a discussion session on the use of Earth Observation (EO) Data within the Energy Production sector.

Within the **energy sector**, EO data and services can support site assessment, operations and logistics planning, monitoring impacts and disaster response. Many successful use cases exist, but there is still great potential for future expansion. Translating **EO into actionable information** for the industry requires a close interaction between different actors, including data and service providers, industry, regulatory bodies, etc.

This is particularly true for **disaster response** activities, for which the need for a Common Operating Picture (COP) is well recognised. The value at stake is huge and EO data can play a large role, but to be most effective this requires multiple data sources to be brought together and made available to all actors via a single access point.

This discussion session will focus on identifying barriers limiting full uptake of EO data within the Energy Production sector, including technical, data policy, commercial, legal and others, and on identifying ways in which they can be mitigated for the benefit of all actors. It will bring together **data** and **service providers** and **industry representatives**, allowing an exchange of perspectives.

The session will look at how the needs of the more traditional actors, such as the Oil and Gas industry, can be aligned with those of newer energy actors in the renewable field. It will also consider how these challenges align with those faced in related sectors, for example in meeting the UN Sustainable Development Goals. Since these sectors will also be represented at the Symposium this will be an excellent opportunity to **share experiences** and propose ways to collaborate.

This session is being organised on behalf of ESA by the "**Expand Demand: Oil and Gas**" consortium, led by CGI together with CLS, ERM and Hatfield Consultants. This consortium aims to increase exploitation of EO data in the Energy production sector, with specific focus on oil and gas industry, including by creating a pre-operational platform providing EO data and services to support oil spill response.



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VENUE AND TIME

Living Planet Symposium, MiCo - Milano Congressi, Milan, Italy (<http://lps19.esa.int>)
Tuesday 14th May from 13:00 to 16:00 *Agora Metallica*.

“The event is open to all participants”

