

MONITORING AND QUANTIFYING GHG EMISSIONS IN OIL & GAS

Bureau Veritas helps its clients to reduce emissions such as GHG* and VOCs*, by leveraging innovative technologies to identify hotspots at site level (top-down approach), and measuring and quantifying emissions at source level (bottom-up approach).

We measure and quantify atmospheric emissions at source level.

We leverage satellites to map hotspots and identify priorities at regional level.

At industrial area level, we map concentrations and quantify emissions using drones.

We monitor flares Combustion Efficiency (CE) and Destruction and Removal Efficiency (DRE) using Video Imaging Spectro-Radiometry (VISR) technology.

We detect leaks along pipelines by using aircrafts and helicopters.

We use vehicles equipped with Solar Occultation Flux technology to map and quantify hotspots at process unit level.

We measure and quantify diffuse emissions from solid and liquid surfaces.

We deliver LDAR programs using Optical Gas Imaging cameras and Flame Ionisation Detectors at source level.

We use specially equipped vehicles to inspect the underground gas distribution networks and detect failures.