

Technical release



International
Association
of Oil & Gas
Producers

OGP Geomatics Committee releases SeabedML Application Schema

The OGP Geomatics Committee's Seabed Survey Data Model (SSDM) Task Force has published SeabedML, the Open Geospatial Consortium (OGC) Geography Markup Language (GML) Application Schema for SSDM version 1.

OGC GML (Geography Markup Language) enables open data exchange of geographical features and is particularly useful on web-enabled platforms. SeabedML is a GML implementation of the SSDM, a data model for the delivery of seabed survey data developed and released in April 2011.

The availability of SeabedML marks an important step towards open data standards in the marine survey industry. It gives any SSDM user (e.g. oil and gas companies and their survey contractors) the choice of using an open standard for digital data exchange, in addition to the existing Esri ArcGIS File/Personal Geodatabase SSDM delivery template that is already used extensively in the oil and gas industry.

SeabedML is in principle compatible with software that supports GML but actual read/write capability will need to be assessed for individual applications.

The SeabedML schema files can be downloaded from the OGP Geomatics Site:
<http://info.ogp.org.uk/geomatics>.

For more information, please contact lks@ogp.org.uk.

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About OGP:

OGP encompasses most of the world's leading publicly-traded, private and stateowned oil & gas companies, oil & gas associations and major upstream service companies. OGP members produce more than half the world's oil and about one third of its gas.

The Association was formed in 1974 to develop effective communications between the upstream industry and an increasingly complex network of international regulators.

From its headquarters in London, OGP's mission is to represent the interests of the upstream industry before international regulators and legislators and UN bodies such as the International Maritime Organization and the Commission for Sustainable Development. OGP also works with the World Bank and with the International Organization for Standardization (ISO). It is also accredited to a range of regional bodies that include OSPAR, the Helsinki Commission, the Barcelona Convention and the Arctic Council.

From an office in Brussels, OGP provides an essential conduit for advocacy and debate between the upstream industry and the European Union (EU). This involves regular contact with the European Commission and the European Parliament. OGP also helps members achieve

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continuous improvements in safety, health and environmental performance, corporate social responsibility and in the engineering and operation of upstream ventures.

OGP's extensive international membership brings with it a wealth of know-how, data and experience. OGP committees and task forces manage the exchange and dissemination of this knowledge through publications and events around the world.

The Geomatics Committee comprises specialists from OGP member companies working in the areas of surveying, geodesy, geographical information systems, earth observation, and coordinate data management.

For more information about OGP, visit www.ogp.org.uk