

Petrogenium. Academy

Upstream General E&P

Subsurface data & workflow management - An introduction to the Open Subsurface Data Universe (OSDU™) platform

Consultant / Trainer

Jurgen Grotzsch



The Petrogenium (in collaboration with EPTS) Subsurface data & workflow management - An introduction to the Open Subsurface Data Universe (OSDU™) platform participants attending this course will gain awareness-level knowledge about the fundamental elements of the Open Subsurface Data Universe (OSDU) platform, including how data is ingested, deployed in large organizations, and used in practical scenarios to improve workflows. They will understand the business impact of efficient data management, such as increased competitiveness in planning, exploration, and field development, and how modern platforms can streamline decision-making by eliminating data silos and ensuring global accessibility.



Participants

This course has been designed for geoscientists, well engineers, reservoir engineers, production technologists, technical data managers, data scientists and IT professionals who are working with subsurface and engineering data or a portfolio of technical applications. The course is recommended for staff from the energy, service and IT industry as well as for employees in the public sector and universities involved in or working with subsurface, wells and production data or applications. Particularly staff involved in geo-energy, new energy and nuclear waste site projects or major national subsurface initiatives (e.g., geothermal) are encouraged to attend this offering.



Learning Objectives

The course can serve as awareness level introduction or, alternatively, as kick-off session for an OSDU™ implementation project within your organization. Such a workshop aims at developing a common understanding and an integrated implementation approach for the OSDU™ data platform involving subsurface & wells professionals, technical data managers and IT services staff in your organization.

Programme

1 DAY Course

Part 1 – Fundamentals of the OSDU™ data platform

- Current data management challenges in the energy industry and public organizations
- Basic principles of the Open Subsurface Data Universe (OSDU™)
- How does open-source software development work via the consortium?
- Basic architecture of the cloud agnostic data platform-as-a-software (PaaS) solution
- How to simplify and standardize technical data management in large organizations
- What is data containerization?

Part 2 – Benefits and Application of the OSDU™ data platform

- How can your organization benefit from implementation of OSDU™?
- How to enable data and application interoperability in subsurface E2E workflows
- How subsurface and wells professionals can collaborate more efficiently in complex projects
- How to enable data-driven and technical workflows in subsurface & wells projects
- What opportunities does a cloud agnostic data platform provide for the energy, service and IT industry as well as the public sector and regulators?

Part 3 – Onsite Workshop for your organization (optional)

- Introduction to the OSDU™ data platform
- Interactive workshop tailored to organizational needs.

Why select Petrogenium.?

The above support will be provided by principal consultants with 30+ years world-class experience in the technology and hands-on know-how from operation of refinery units.

Contact Petrogenium.:

Email: training@petrogenium.com
Website: <https://www.petrogenium.com/training/>

Because Experience Matters