

PPDM Association Regulatory Data Standards Project: Executive Overview

The Professional Petroleum Data Management Association is a not for profit professional society dedicated to the creation and use of data standards that promote process efficiency and the stewardship of data and information across the oil and gas life cycle. Over its 25 year history, PPDM has garnered a reputation for creating effective and useful standards through its collaborative processes.

Introduction

In an information centric economy, good analytics depend on data sources that are integrated, accessible, trusted and unambiguous. They cannot be hampered or misled by regional data constraints or local dialects. Industry standards are a solid foundation upon which regulators, operators, and other key stakeholders can establish technology solutions that are fit for purpose and robust.

The legacy of legislative and technical architecture in most regulatory agencies was developed specifically to fit the social, economic and environmental needs of their constituency; in many cases, rules of primacy may determine where this authority resides. The cost and effort required for each agency to independently develop the systems and administrative infrastructure to manage these processes is expensive, and can add operational risk to regulatory processes as custom systems age.

Operators must address the complexities of managing variable applications and compliance processes for every agency they deal with. Creating policies and procedures to conduct operations in each region, training staff and developing the systems to respond to each regulator is costly and time consuming.

Information architectures based on industry standards support the development of processes and systems that could be shared by regulators. These would allow industry to plan and permit operations more efficiently and with greater certainty of the outcome. This project proposal addresses those elements of the project that relate to the PPDM Association.

Your participation in this project is invited. We will interview you or your team to obtain your thoughts on the plans and views in this document.

Key Points

This project will focus on how PPDM data standards can be deployed and expanded to fully support the needs of regulators to create a standards based information foundation.

It will support, but not take on any of the regulatory or administrative functions of any agency.

PPDM proposes a multi-party work group comprised of representatives from international Regulators, Operators, vendors and service suppliers.

We'll provide a standards based foundation upon which flexible and robust solutions can be built by industry.

We'll come to consensus on what it means for data to be measurably complete, consistent and cohesive.

We'll develop the glossary (vocabulary) to serve as a Rosetta Stone that will disambiguate key terms and phrases such as: Well, Log, and Completion.

We'll develop a model for storing or mapping existing information stores for the purpose of sharing information.

Policies and Restrictions

PPDM work groups comply with the policies and procedures of the PPDM Association, including "[the PPDM Way](#)". PPDM work groups adhere to anti-trust legislation.

PPDM will not undertake tasks that are in the purview of the regulatory authority, as PPDM staff and work groups do not have the authority or mandate to interpret legislation or regulations.

Interested? Please talk to us!

If you are interested in this work group, please email Ingrid Kristel (Kristeli@ppdm.org)