Mission

Develop and advance global pipeline data standards to support efficient data management and reporting for the oil and gas industry.

Vision

Every pipeline operator will use the PODS data model as the System of Record for the location of Centerline and Pipeline Assets. PODS Association will become the recognized global leader in pipeline data standards and best practices. Collaboration with the PODS member community will ensure the development of pipeline data models that are designed with open specifications. PODS will be the best choice in the industry.
PODS Next Gen Initiative has resulted in a complete re-design and modernization of the PODS Pipeline Data Model. The PODS Pipeline Data Model Version 7.0.1 includes a data exchange specification along with migration and implementation guidance and instruction. 7.0.1 enables system integration via service-oriented approaches. The re-design of the PODS Pipeline Data Model is driven by PODS Association Strategy and reflects over 25 years of PODS Pipeline Data Model implementation experience and lessons learned. PODS 7.0.1 is designed to be the system of record for pipeline centerlines and pressurized containment assets for the safe transport of product and will standardize and modernize data management and reporting across the pipeline industry.

The methodology and approach to how this model was developed pushes the envelope on how the model was designed and represents significant advances in the creation of data models to date.

### 7.0.1 Project Objectives

- Support world-wide deployment, not just North America.
- Respond to new and changing business requirements (regulations, technology) via working groups.
- Optimize performance in the face of increasing data volume, variety and velocity.
- Establish a single, simplified, logical data model that can be deployed as vendor-neutral, GIS-agnostic, RDBMS specific physical model.
- Development and stewardship of an open-interchange specification for data sharing, transfer and schema/data validation.
- Create a platform that can support the entire asset lifecycle and prescribed business processes.

### Multiple Location Methods

1. Gathering
2. Transmission
3. Distribution

### Data Exchange Specification

- Schema Definition
- Data Validation
- Data Transfer

### Services Architecture / XML Format

**One Logical Model (Many Physical Models)**

**7.0.1 Model (a sample)**