

PODS™

Pipeline Open Data Standard

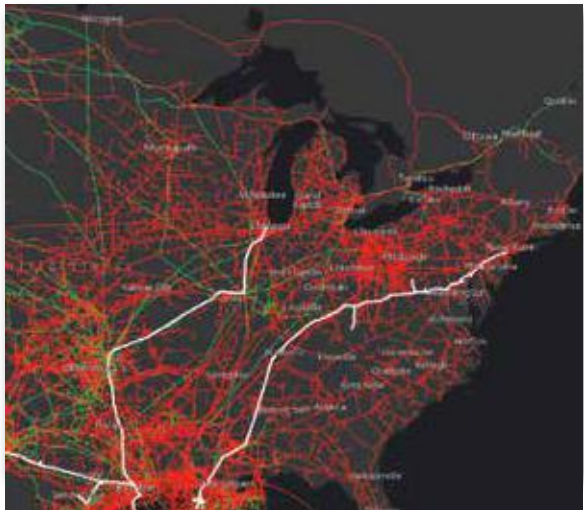


**THE Industry Platform and Community
for Efficient Pipeline Data
Management**

PODS COMMUNITY & RESOURCES

The Pipeline Open Data Standard (PODS) Association www.pods.org is a non-profit member-driven organization providing the exclusive data model standard. Over the past 25 years, the PODS standard has been adopted by **pipeline operators, service providers, vendors, and regulatory agencies** for managing pipeline spatial data worldwide. The PODS Association and its model is the only Pipeline Open Data Standard and community of its kind in the world.

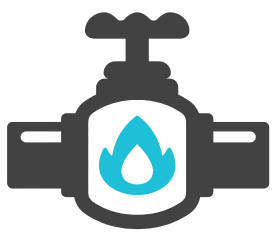
PODS members are thought leaders and innovators who share knowledge and expertise to build and maintain the only geospatial data model specifically designed by and for pipeline operators.



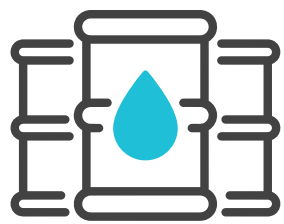
PODS Impact: Providing a Pipeline Community Focused on the Entire Lifecycle of Pipeline Safety Data

- Pipeline safety
- Single-system-of-record for pipeline asset locations and specifications
- Regulatory and integrity management
- Inspection and repair analysis

200+ Pipeline Operators 36+ Countries



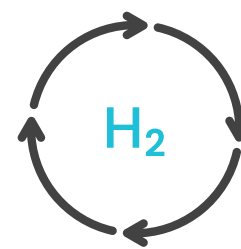
Natural Gas



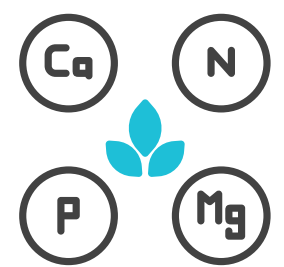
Hazardous Liquids



Water



Hydrogen



Carbon Sequestration

3 Million Miles of Linear Pipeline Assets & Systems

PODS Resources: Adding Value to Members Through Education & Collaboration

- Learning Management System & Education Library
- Detailed Member Directory
- Job Board
- Curated Free Live Data Layers
- Federal & State Specific Regulatory Updates
- Technical Solutions for Optimized Operations on PODS 7 like:
 - PODS for Utility Network + APR
 - ILI Module
 - Integrity Task Module



PODS is proud to recognize the Pipeline and Hazardous Materials Safety Administration (PHMSA) for using the PODS Data Model for its baseline organizing data in the National Pipeline Mapping System (NPMS).



PODS DATA STRUCTURE

The Pipeline Open Data Standard (PODS) Data Model provides the database architecture pipeline operators need to submit regulatory reports, store critical information, analyze pipeline systems data, and manage geospatial data in a linear-referenced database which can be visualized in any GIS platform.

The PODS Data Model brings optimized performance to members for business functionality, decision making and risk management by supporting the entire asset lifecycle in new and established programs.

The PODS Pipeline Data Model houses what pipeline companies have deemed mission-critical to successfully managing natural gas, hazardous liquids, renewables and water pipelines.



**Pipeline Operators
must have
transparency to their
assets in the field and
in real-time.**

Referencing and integrating all data (including all ILI data) within a spatial context helps provide pipeline operators with a definitive view or digital twin of their pipeline and systems for optimized asset knowledge management.

Benefits of the PODS model:

- Database Architecture for a Linear-Referenced Database
 - Designed and maintained by Industry Subject Matter Experts and thought leaders to be the system of record for pipeline centerlines and pressurized containment assets for the safe transport of product.
- Standardizes and Modernizes Data Management and Reporting
 - Enables system integration with business systems and asset knowledge management tools enterprise wide via service-oriented approaches so any experienced vendor can assist or support operators with migrating, implementing, modeling or maintaining their system.
 - Provides a consistent means of compliance reporting and data benchmarking, driving standard regulatory reporting.
- 'Open' – A GIS Neutral –or– ESRI Compatible Platform
 - PODS can be implemented via traditional RDBMS database platforms, such as Oracle or SQL Server, or integrated within the ArcGIS Enterprise platform.
- Pipe-centric Approach to Managing Pipeline Data in a Single Data Repository
 - Houses all mission-critical data for any pipeline system - Natural Gas, Hazardous Liquids, Water and Renewables such as Hydrogen and Carbon Sequestration.
 - The PODS database helps pipeline owners collect, verify, manage, analyze, update, maintain, and deliver all information about their pipelines quickly and reliably to applications and end-users.
 - Pipeline changes, such as re-routes, change of service, asset transfer or sale, abandonment, removal, repair, and replacement are all managed within the PODS database as data records linked to the pipeline.
- A Business, Risk, Compliance and Decision-Making Tool
 - Flexibility to implement and configure the data model to meet unique business needs and challenges.
 - Integral to engineering and operational decision-making supporting functional business goals and objectives.
 - Robust data exchange mechanism enables sharing of data seamlessly and securely within and between organizations.

Join Our Members:

- Large Pipeline Operators
- Small Pipeline Operators
- Micro Pipeline Operators
- Service Providers
- Government & Trade Associations

Over 90+ Pipeline Operators who share the Power of PODS. Members have unlimited use/users while gaining the full benefit of:

- Access to the PODS Data Model, including advanced releases
- Defined governance and mapping/modeling - Gone is the worry of missing data for regulatory, compliance, reporting, and risk
- Expanding resource centers for hundreds of live data layers, state and federal regulatory updates, and upcoming Learning Management System (LMS)
- Being part of a community that is the leading network for questions and shared knowledge within pipeline safety, GIS and data management
- Invitations to in person and online events for all members to grow their knowledge and network



Over 75+ Service Companies who share the Power of PODS. Members gain the full benefit of:

- Access to the PODS Data Model allowing for revenue/opportunities for work projects
- Access to PODS members and key decision makers in need of services
- Detailed member directory, including contact information and an expanded services listing searchable by operators
- Being a part of the community that is the leading network for questions and shared knowledge within pipeline safety, GIS and data management
- Membership demonstrates experience and expertise within the pipeline market
- Learn first-hand who is working on what and what the competition is developing and innovating

Join today by visiting

www.PODS.org