

Bentley Participation in OGI Pilot

- **Export ISO 15926 Part 8 OWL from OpenPlant PowerPID**
- **Coordinating Gap Analysis in ISO 15926 Geometry and P&ID Information Model**
 - Geometry SIG Chair and active participation
- **Fiotech EDRC Project kicked off to address conformance (partial scope of OGI Phase 2)**
 - Project Lead working with Project Steering Group and PM

Geometry SIG Relationship to OGI Pilot

- **ISO 15926 P&ID/3D Information Models and Proteus Schema Mappings (Fiatech Approved Project)**
 - Close collaboration with Geometry SIG
 - Informally work underway for P&ID Information Model
- **Joint MIMOSA/PCA Operations and Maintenance (O&M) SIG**
 - Providing Geometry and P&ID Information model requirements from the OGI Pilot

Current Geometry SIG Members

- **Aveva, Bechtel, Bentley, Noumenon, TechInvestLab.ru, Tecgraf/PUC-Rio**

- **Participants:**
 - Andrew Prosser – Aveva, UK
 - Darius Kanga – Bechtel, USA
 - Keith Willshaw – Bentley, UK
 - Manoj Dharwadkar – Bentley, USA (SIG: Chair)
 - Adrian Laud – Noumenon, UK
 - Victor Agroskin – TechInvestLab.ru, Russia
 - Gabriel Lopes – TecGraf/PUC-Rio, Brazil

Geometry SIG Deliverables, Status, and Results

Status and Results:

- 2D Geometry Status
 - Released draft documents for review providing the details of the ISO 15926 Part 7 templates
 - Released Geometry Template Signatures in Spreadsheet format
 - <https://www.posccaesar.org/wiki/SigGeometry>
- Very valuable input provided by Victor Agroskin and has helped create initial Part 8 OWL Template Representation

ISO 15926 P&ID/3D Information Models and Proteus Schema Mapping Project

- **Current Team Members – Adrian Laud (Lead), Keith Willshaw, Andrew Prosser, Manoj Dharwadkar**
- **Document P&ID and 3D Models in terms of Classes and Templates**
- **Mapping the Proteus Schema to the ISO 15926 P&ID/3D Information Model**

ISO 15926 P&ID Information Model : Current Status

- Draft Working document created
- Documenting P&ID Information Model in terms of Classes and Templates
- Initial mappings between Proteus Schema and Part 7 Templates created

Fiotech EDRC Project

Capturing Equipment Data Requirements Using ISO 15926 and Assessing Conformance

- Pragmatic approach for modeling and exchanging data
- Focus on common asset classes between HEED and OGI Pilot and consistent with objectives of IIP Project
- ISO 15926 released documents and JORD deliverables will be used