



Introduction - ISO 15926, use of ISO 15926, ISO process

ISO 15926-12 ballot resolution workshop
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ISO 15926 Integration of life-cycle data for process plants including oil and gas production facilities



- ISO 15926 – 1: *Overview and fundamental principles* (2004)
- ISO 15926 – 2: *Data model* (2003)
- ISO/TS 15926 – 3: *Reference data for geometry and topology* (2009)
- ISO/TS 15926 – 4: *Initial reference data* (2007)
- ISO/TS 15926 – 6: *Methodology for the development and validation of reference data* (2013)
- ISO 15926/TS – 7: *Implementation methods for the integration of distributed systems: Template methodology* (2013)
- ISO 15926/TS – 8: *Implementation methods for the integration of distributed systems: Web Ontology Language (OWL) implementation* (2013)
- ISO 15926/TS – 9: *Implementation methods for the integration of distributed systems – Façade implementation* (Planned)
- ISO/TS 15926 – 10: *Conformance testing* (NP approved 2015)
- ISO 15926/TS – 11: *Methodology for simplified industrial usage of reference data* (2015)
- ISO 15926 – 12: *Life cycle integration ontology represented in OWL* (CD approved 2016)
- ISO 15926 – 13: *Integrated planning for assets throughout their life-cycle (ILAP)* (CD approved 2016)
- ISO 15926-5 has been replaced by ISO TC184/SC4: *Procedure for development and maintenance of reference data in database format*



ISO 15926-12 Milestones

- **ISO 15926-12: Life cycle integration ontology was approved as an ISO project (NP) in January 2016**
 - Active participation: China, France, Germany, Japan, Netherland, Norway and UK
 - Three year project
 - EPIM's ReportingHub and several other projects are based on early versions of ISO 15926-12
 - **ISO 15926 – 13: *Integrated planning for assets throughout their life-cycle (ILAP)* has a normative reference to ISO 15926-12**

- **Committee Draft (CD) for ISO 15926-12 was approved in May 2016**
 - Votes: 10 yes, 1 no, 5 abstaining and 1 yes after the ballot end

- **Current status**
 - All ballot comments resolved except Norwegian comments on the OWL DL profile



ISO 15926-12 Approved plan



- **DIS proposal to ISO by 30 November 2016**
 - OWL Full and DL profile
 - For discussion:
 - DL profile normative or informative?
 - Remaining work and when can it be done?
 - **Ballot results available by 31 May 2017?**
- **International Standard (IS) proposal by 31 August 2017**
- **All comments from ISO Central Secretariat resolved by 30 November 2017**



ISO 15926-12 Alternatives



- **ISO 15926-12 without the OWL DL profile**
 - DIS proposal can be sent to ISO by 30 November 2016
 - Reasoning limited

- **ISO 15926-12 without the OWL DL profile as a TS**
 - Committee internal ballot to change scope required (1 month ballot period)
 - Save time and money
 - **Edition 2 of ISO 15926-2 is also being discussed. May be an ISO/TS**
15926-12 is sufficient for now

- **Propose the OWL DL profile as an ISO Technical Report?**

- **Propose the OWL DL profile as ISO 15926-14?**