

# Special Interest Groups (SIGs)

**PCA Australasian Forum & Members Meeting  
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## Special Interest Groups (SIGs) - Mandate

The SIG shall ensure that the industry gets access to reference data of very high quality by contributing to:

- Making recommendation for further enhancement of reference data within its domain
- Quality assurance and formal approval of all changes and enhancement of the RDL within its domain according to ISO procedures, ISO 15926 Parts and PCA's rules and procedures
- Developing and maintaining ISO 15926
- Establishing good dialogue arenas with all interested parties in the industry, in research and educational institutions and the authorities, and to clearly communicate the industry's position on key issues in this field
- (A few "special" SIG's with mandates beyond this.)



# Standards as Databases

- **Shorter development times:** Faster revisions and extensions of existing standards
- Standardized content in the form of reference data must increasingly be **usable by computer applications**
- Content is visible beyond individual documents or committees and even during development → **Increase of consistency**
- Provision of machine-accessible reference data needed in business applications may become an **important business area for standards bodies** in the future

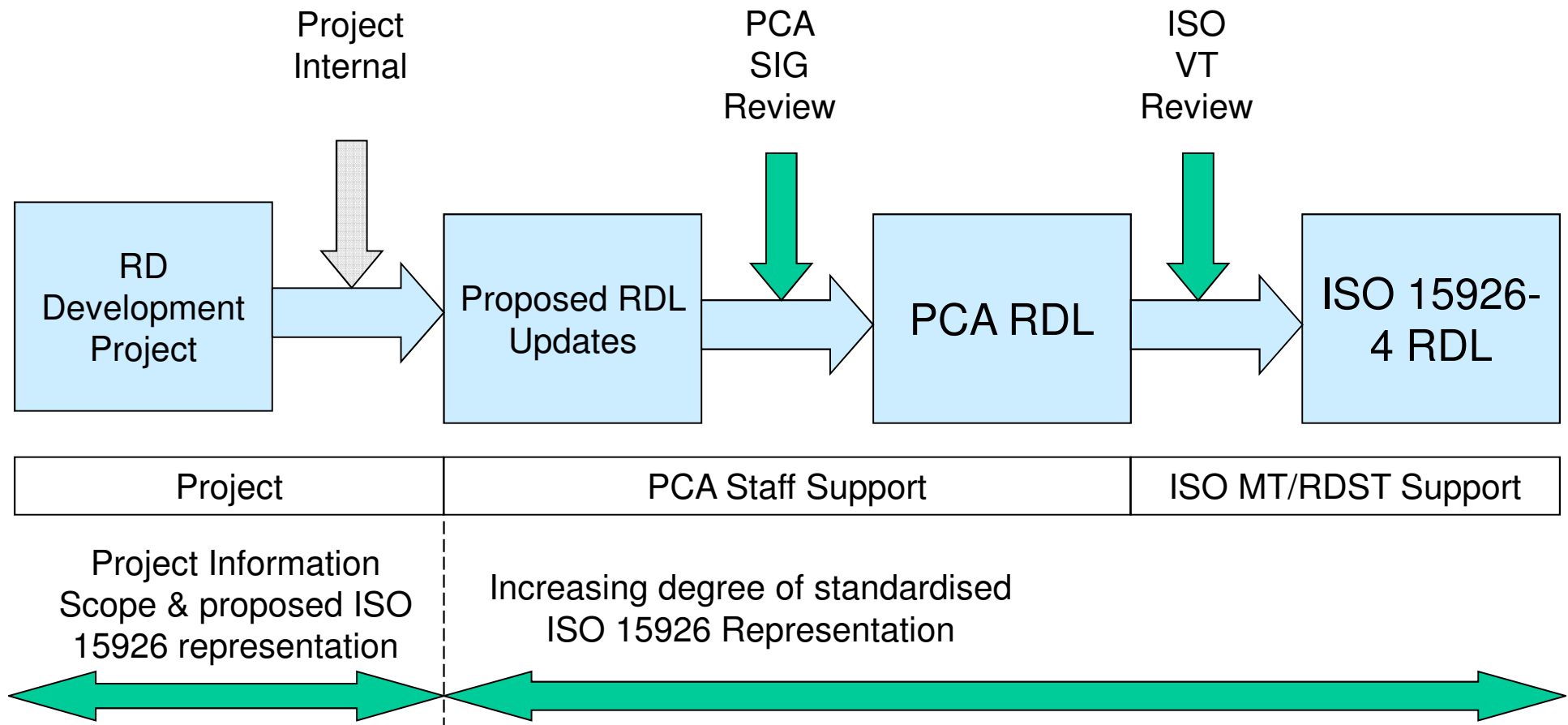
# ISO Procedure for “ Maintenance and development of standards in database format”

- New options – initiated by Change Request
  - Maintenance/withdrawal of some of the content:  
→ **Normal database procedure** [internal to committee] - Duration: 3 – 6 months
  - New Work Items/major changes to content → **Extended database procedure** [follows “traditional” ISO process]
- Change Requests can be subdivided or consolidated as appropriate

# The Validation Team

- A permanent, “executive”, group of individuals appointed by and acting as delegates on behalf of their National Bodies, A-liaison organizations and committee-internal liaisons to **validate proposed items** and **vote for their release** as part of a database standard
- All P-members, A-liaison organizations and committee-internal liaisons can appoint one member to the team.
  - minimum of 5 P-members
  - P-member representatives have the right to vote
  - A-liaisons and committee-internal liaison representatives may submit comments
- Deputies should be appointed to avoid delays
- Duration of appointment and any supporting network of experts at national level to be established by nominating bodies
- Managed by TC/SC secretariat

# The Standardisation Process



# Special Interest Groups (SIGs)

## Active Special Interest Groups:

- Modeling, Methods, and Technology
  - In co-operation with iRING
- Drilling and Completion
  - In co-operation with EPIM Reporting Hub and IOHN
- Production and Reservoir
  - In co-operation with EPIM Reporting Hub and IOHN
- Operation and Maintenance
  - Joint SIG with OpenO&M / MIMOSA
- Instrument and Control (>>> & *Equipment & Valves*)
  - In co-operation with iRING (& *FIATECH*)
- Geometry (2D & 3D)
  - In co-operation with FIATECH and iRING
- IT Architecture
  - Joint SIG with OpenO&M / MIMOSA
- TAB (Technical Advisory Board) – technical coordination of SIG activities

**More information:** <https://www.posccaesar.org/wiki/Sig>



## Special Interest Groups (SIGs)

### Planned Special Interest Groups:

- Standard equipment SIGs in addition to Instrument and Control
  - Rotating equipment
  - Electrical
  - Etc.
- UIDs and RFID
- Environment
  
- PCA is open for co-operation

# Backup Slides

## ISO 15926 - Integration of Life-Cycle Data for Process Plants including Oil and Gas Production Facilities

- ISO 15926 – 1: *Overview and fundamental principles*. IS ed. 1 published in June 04
- ISO 15926 – 2: *Data model*. IS ed. 1 published in December 03
- ISO 15926 – 3: *Ontology for geometry and topology*. TS ed. 1 published in April 09
- ISO 15926 – 4: **Initial reference data**. TS ed. 1 published in October 07
- ISO 15926 – 6: *Scope and methodology for developing additional reference data*  
CD/TS proposal sent for ballot
- ISO 15926 – 7: *Template Methodology*. TS published
- ISO 15926 – 8: *OWL Representation*. TS published
- ISO 15926 – 9: *Implementation methods for the integration of distributed systems – Façade implementation*. TS planned complete 2012
- *ISO 15926 – 10: Abstract Test Methods*. TS planned complete 2013
- *ISO 15926 – 11: Simplified Industrial Usage*. Under development, based on existing industrial usage guidelines. TS planned complete 2012
- **ISO 15926 – 12: Native RDF/OWL implementation with named graphs**. Proposed
- ISO 15926-5 has been replaced by an **annex to ISO TC184/SC4: Procedure for development and maintenance of reference data in database format**



# Oil and Gas asset management operations and maintenance Interoperability (OGI)

