

ISO 45001 Occupational health and safety management systems requirements with guidance for use

Current status of development

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This presentation

- Provides an overview of the current state of development of ISO 45001
Occupational health and safety management systems
– *Requirements with guidance for use*
- Includes information related to the drafting process up to and including February 2017

International Organization for Standardization (ISO)

- ISO is based in Geneva,
 - with 165 member national standards bodies
 - 20500 published standards
- All ISO standards are based on consensus
- ISO's work involves all relevant stakeholders and includes experts from: industry and commerce, government, consumers, labour, academia, standards applications, NGO's.

International Organization for Standardization (ISO)

- ISO's Project Committee No. 283 (ISO/PC 283) is responsible for the development of ISO 45001
- ISO/PC 283's membership currently includes:
 - 59 participating countries, including Australia
 - 15 observer countries,
 - 16 liaison members.
- Australian mirror committee SF-001
 - Tasked with coordinating Australian input into the development of ISO 45001
 - A range of stakeholder are involved inc employer groups, employee groups, professional associations.

Key perspectives

This new standard is being developed to:

- Help organizations minimize the risk of harm to all those working under their control (defined as “workers” within the standard)
- Provide a platform for continual improvement in occupational health and safety performance
- Integrate OH&S within an organization’s overall business management system
- The standard is currently being developed by a committee of occupational health and safety experts, and will follow other generic management system approaches such as ISO 14001 and ISO 9001. It will take into account other International Standards in this area such as OHSAS 18001, the International Labour Organization's ILO-OSH Guidelines, various national standards and the ILO's international labour standards and conventions.

Main focus

The draft standard puts emphasis on:

- Top management :
 - being accountable for OH&S management
 - needing to demonstrate leadership.

- Worker participation in:
 - the identification of hazards and risks
 - the development and operation of the OH&S management system,and indicates these are essential for success.

Main focus

The draft standard puts emphasis on:

- The need to prevent ill-health (including mental ill-health), as well as injuries
- The need to recognize that the causes of ill-health and injuries can be through
 - immediate impacts (e.g. accidents or epidemics)
 - longer term impacts (such as repeated exposure to radiation or carcinogenic chemicals, or to a constantly stressful working environment)

High level structure

A new common format has been developed by ISO for use in all its management system standards, and is being used by ISO 45001. This is often referred to as “Annex SL”, and gives:

- *a common top level clause structure (or sequence)*
- *standardized core text*
- *standardized core definitions*

It is intended to enable organizations to achieve easier implementation and better integration of multiple management systems (e.g. quality, environmental, information security)

The high level structure and common text is public information and can be found in **Annex SL** of the ISO Supplement to the ISO/IEC Directives Part 1, see: www.iso.org/directives

Structure of ISO 45001

- 1 Scope**
- 2 Normative references**
- 3 Terms and definitions**
- 4 Context of the organization**
 - 4.1 Understanding the organization and its context
 - 4.2 Understanding the needs and expectations workers and other interested parties
 - 4.3 Determining the scope of OH&S management system
 - 4.4 OH&S management system and its processes
- 5 Leadership, worker participation and consultation**
 - 5.1 Leadership and commitment
 - 5.2 Policy
 - 5.3 Organizational roles, responsibilities and authorities
 - 5.4 Participation, consultation and representation
- 6 Planning**
 - 6.1 Actions to address risks and opportunities
 - 6.2 OH&S objectives and planning to achieve them

Structure of ISO 45001

7 Support

7.1 Resources

7.2 Competence

7.3 Awareness

7.4 Information and communication

7.5 Documented information

8 Operation

8.1 Operational planning and control

8.2 Management of change

8.3 Outsourcing

8.4 Procurement

8.5 Contractors

8.6 Emergency preparedness and response

Structure of ISO 45001

9 Performance evaluation

9.1 Monitoring, measurement, analysis and evaluation

9.2 Internal audit

9.3 Management review

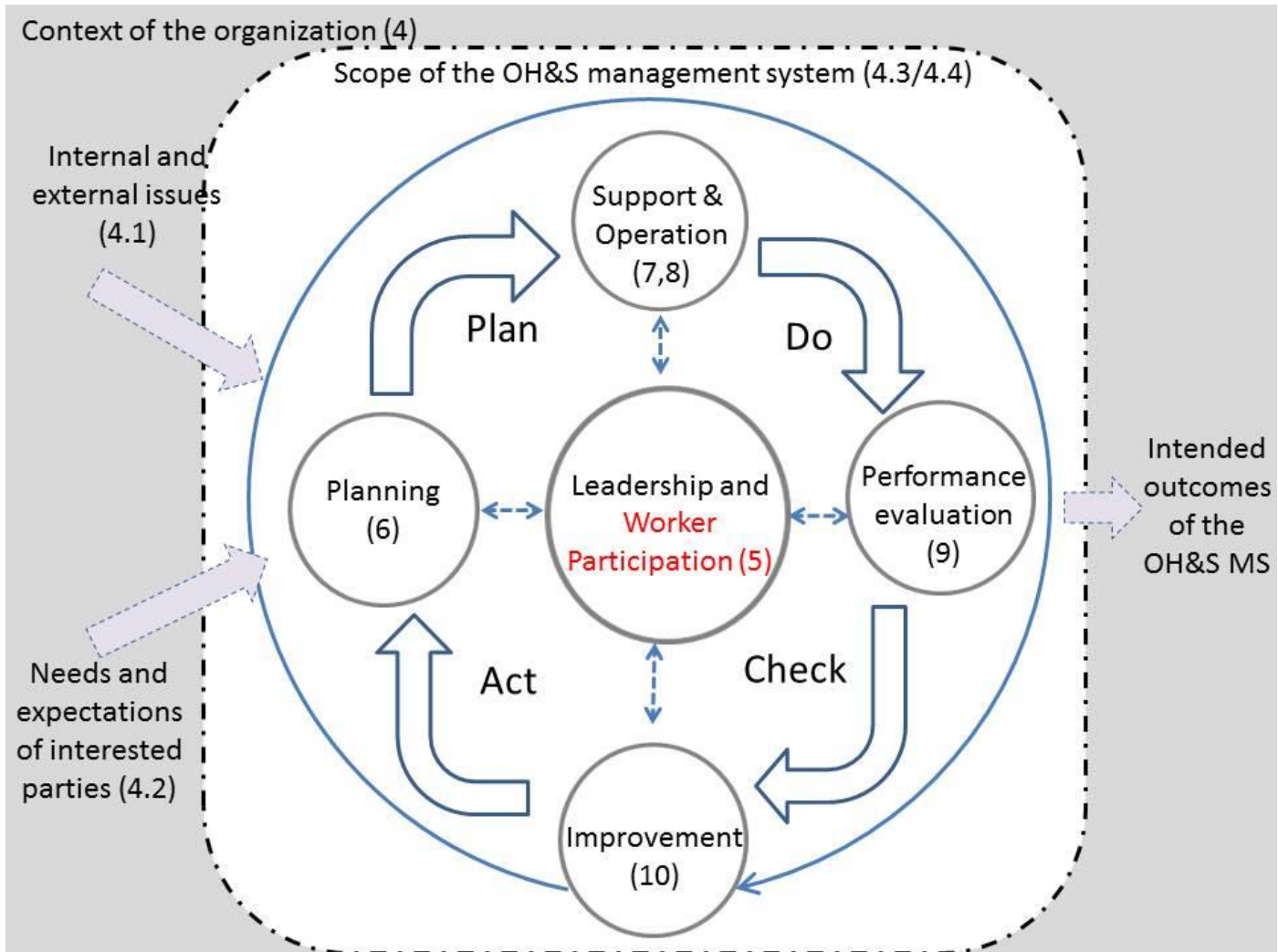
10 Improvement

10.1 General

10.2 Incident, non-conformity and corrective action

10.3 Continual improvement

Structure of ISO 45001



The numbers given in brackets refer to the clause numbers in this IS

Risk based thinking

- OH&S management traditionally uses a risk-based approach to evaluate and address the risk of harm
- ISO's (Annex SL) format for management system standards now requires organizations to also consider the risk that the OH&S management system itself may not be effective, and to look for opportunities for improvement
- The requirements for “risks and opportunities” in clause 6.1 have been adapted in ISO 45001 for both OH&S hazards and for the OH&S management system itself

Risk based thinking

- ISO/CD 45001.2 uses the terms:
 - “OH&S risk” and “OH&S opportunities” when it is referring specifically to the control of hazards
 - “risk” and “opportunities” when referring to the OH&S management system

ISO 45001 development process

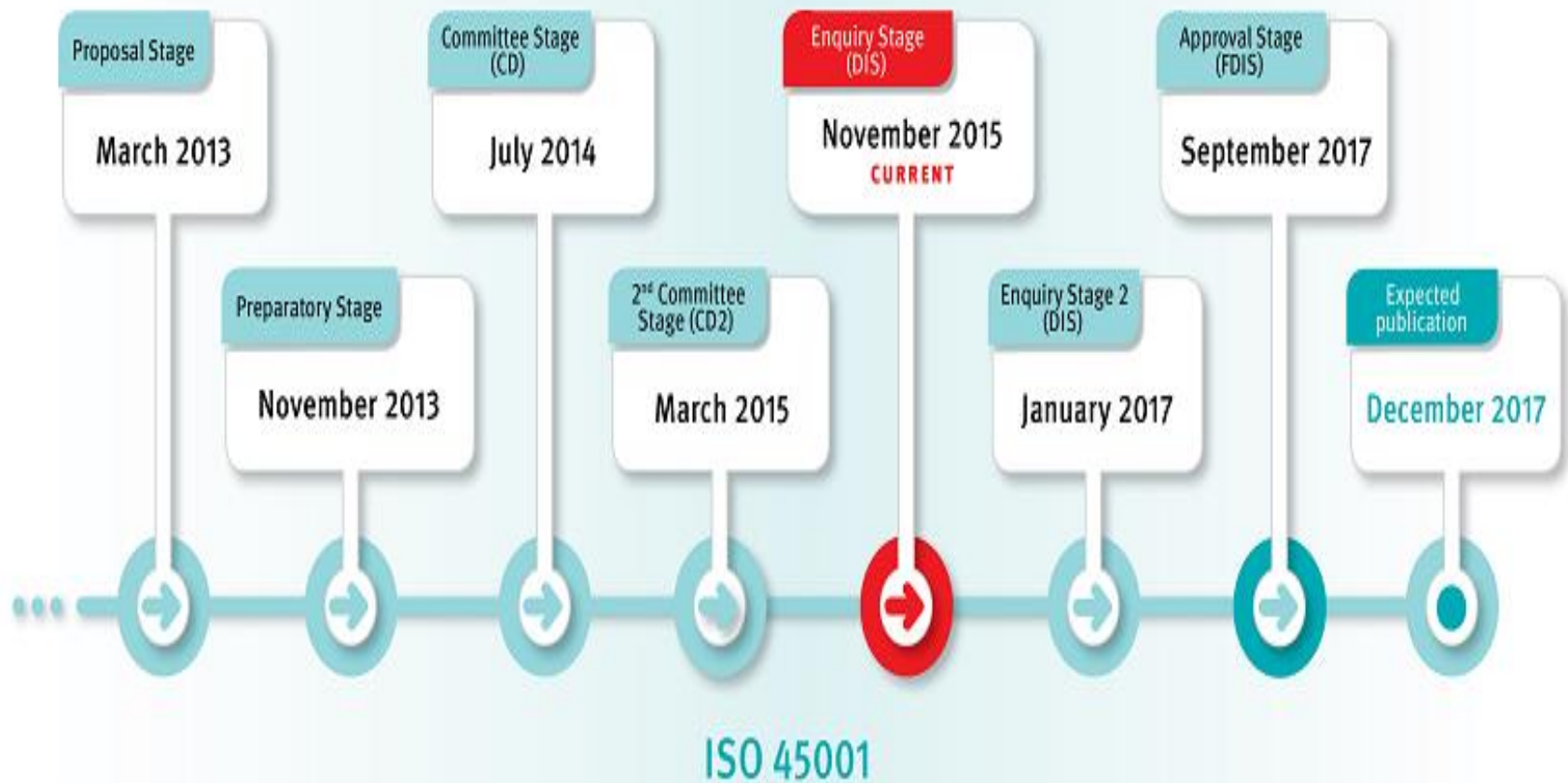
- There are several distinct stages when developing an ISO standard; the key ones being:
 1. New Work Item Proposal
 2. Working Drafts (WDs)
 3. Committee Draft (CD)
 4. Draft International Standard (DIS)
 5. **(Optional) Final Draft International Standard (FDIS)...currently here.**
 6. International Standard (IS)

Once a standard has been published it is reviewed at regular intervals afterwards to ensure it remains current

ISO 45001 development process

Stage	Timeline
New Work item proposal	Agreed June 2013
Working Draft	Issued January 2014. Received c. 1300 comments suggesting improvements.
Committee Draft	Issued July 2014. Not approved. Received c. 2500 comments.
2nd Committee Draft	Issued March 2015. Approved June 2015.
Draft International Standard	January/ February 2016
(Optional) Final Draft International Standard	In progress
Publication	To be determined

Development timeline



ISO 45001 development process

- ISO/PC 283 initially agreed a 3 year development “timeframe” for ISO 45001
- This targeted publication of ISO 45001 was for October 2016
- The approval of the second CD means that the PC is now working to prepare the Draft International Standard (DIS). This should be available for comment in the near future.
- Adoption in Australia??



before/after ISO 45001

The publication date is late 2016/early 2017



Thankyou & Questions