



## A global force for good. Standards for public benefit.

**ISO Earned Value Management Standard Development** 

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# Agenda

- ISO Framework
- ISO Technical Committee 258
- ISO EVM Standard
- Why do we care?
- Why ISO?
- WG7 EVM Table of Contents
- Possible future developments
- Next steps and questions
- Backup: WG7 ISO EVM Reference Materials

### The ISO Framework

- ISO members are national standards bodies
  - i.e., Standards Australia, ANSI (USA), BSI (UK) .....
- ISO manages 100s of project committees (PC one-off jobs) and technical committees (TC – coordinated development in a 'knowledge domain)
- National bodies decide which of the many possible committees are important to them and create 'mirror committees' within their country to support the work of the ISO committee - P-Members (participating)
- National bodies may also be O-members and simply observe the work of the ISO committee
- Votes during the development of a standard are limited to P-members, final votes to accept a developed standard are open to all ISO members
- ISO has an option for expert bodies to join a committee as liaisons their role is to bring expert knowledge to the deliberations of the committee (no vote)

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## **ISO/TC 258**

- The mission of Technical Committee 258 (ISO/TC 258) is to develop and maintain guidance standards and other ISO documentation regarding the management and governance of projects, programmes, and portfolios.
  - The TC's 'value proposition' is to provide the global marketplace a common understanding and vocabulary with which to practice these management disciplines.
  - TC258 grew out of a PC set up to create an ISO standard for project management (ISO 21500)
- The Standards Australia 'mirror committee' is MB 12 -
  - Advances Australia's interests by engaging with all aspects of the TC's work
  - Other countries "mirror committees" all have similar roles

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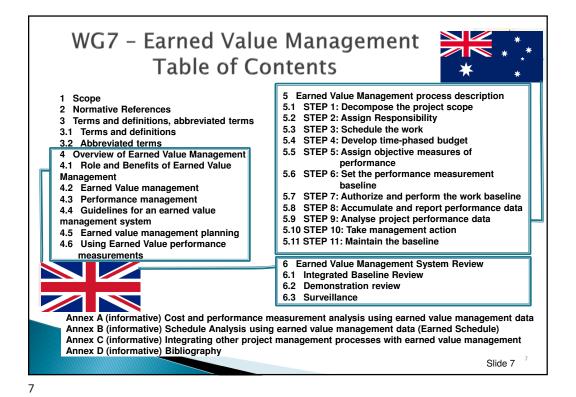


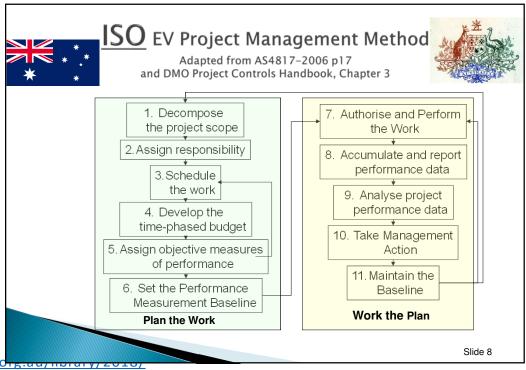


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## WBS & EVM – Why do we care?

- Lord Kelvin
  - "In physical science the first essential step in the direction of learning any subject is to find principles of numerical reckoning and practicable methods for measuring some quality connected with it. I often say that when you can measure what you are speaking about, and express it in numbers, you know something about it; but when you cannot measure it, when you cannot express it in numbers, your knowledge is of a meagre and unsatisfactory kind; it may be the beginning of knowledge, but you have scarcely in your thoughts advanced to the state of Science, whatever the matter may be."

• [PLA, vol. 1, "Electrical Units of Measurement", 1883-05-03]

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## EVM - Why do we care?

- Also from Lord Kelvin:
  - "To measure is to know."
  - "If you can not measure it, you can not improve it."

#### only

- In project and program management
  - EVM remains (today) the "gold standard" for measuring project performance and progress in an integrated way
- Improved measurement provides opportunities
  - For improved project delivery outcomes
  - Improved project delivery outcomes, improves the public benefits derived from projects

## Why ISO?

- ISO standards are **global** / **trans-national**
- Another option / approach for adopting EVM
- Trans-national standards
  - Avoids sensitivities which can arise in other countries utilising other countries standards
  - Resource for countries without their own national standard(s)
- National interests also at stake (EVM especially)
  - Australia: AS 4817–2006
  - United Kingdom: APM Guidelines and Handbook
  - USA: EIA 748C

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## **Potential Future Developments**

- At ISO EVM level
  - Country based initiatives
  - Proposal for modified adoption of ISO EVM standard by Australia
    - Maintain AS4817–2006 normative requirements with an addendum
    - ISO EVM standard includes latest EVM "best practices"
- ISO
  - Multiple possible projects at TC 258 level
    - Subject to resourcing WGs
    - ISO EVM Implementation Guide ????

"Watch this space"

# Questions ??

▶ Thank you

#### **Availability**

- ▶ ISO 21508:2018 Earned value management in project and programme management
- https://www.iso.org/standard/63582.html

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### Backup: WG7 ISO EVM Reference Materials

- AS4817-2006 (AUS)
  - "provided "for use" by Standards Australia
- APM (UK)
  - Guidelines and Handbook
  - "provided "for use" by Association for Project Management
- Mr. Walt Lipke
  - Permission "to use" Earned Schedule source materials
- ▶ EIA 748C (USA)
  - SAE declined to provide permission to use 32 criteria as a cross reference to ISO EVM standard
- PMI EVM Practice Standard 2<sup>nd</sup> edition
  - Provided "for reference" only
- NASA SP-2012-599
  - Reference