

IMAC 2014

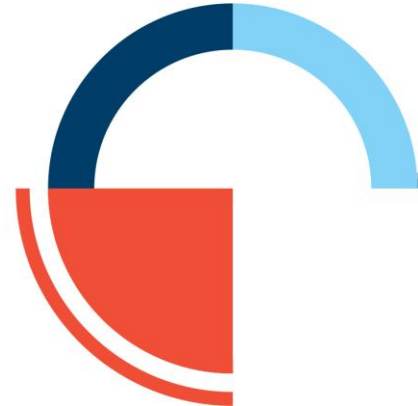
ISO 55000 Standards as a System for Optimised Asset Management

Jamie Maslen

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ISO 55000



ISO 55000 Standards as a System for Optimised Asset Management

Agenda

1. Where did it come from
2. What does it look like
3. How can we use it



PAS55 to ISO 55000

Where did it come from?

- International Organisation for Standardisation
- Began in London in June 2010
- Worldwide partnership
- Published January 2014



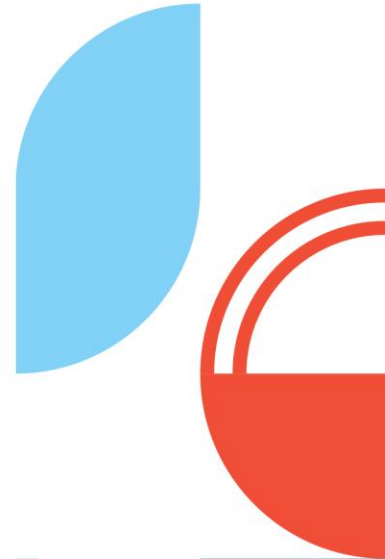
PAS55 to ISO 55000

Where did it come from?

- PAS55 was initial catalyst
- Evolved to specify a management system
- States what to do
- Not how to do it!

Does not revolutionise asset management knowledge or understanding. It provides a set of consistent definitions and a benchmark for the components of an asset management system.

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PAS55 to ISO 55000

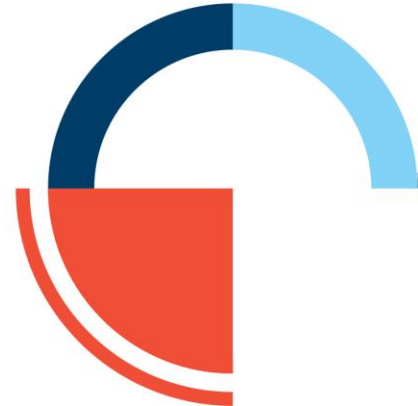
Who were involved?

- 31 participating countries
- Strong Australian voice



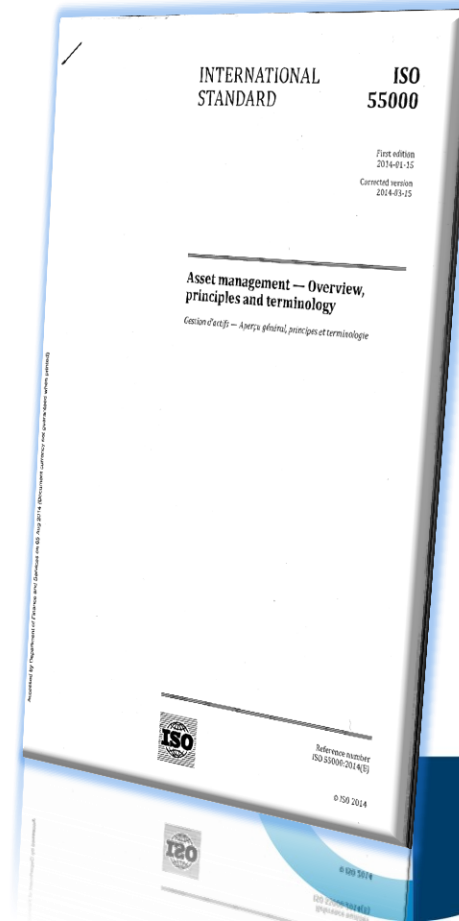
ISO 55000

What is it?



ISO 55000

- ISO 55000:2014 - Asset management - Overview, principles and terminology
- ISO 55001:2014 - Asset management - Management systems - Requirements ISO
- 55002:2014 - Asset management - Management systems - Guidelines for the application of ISO 55001

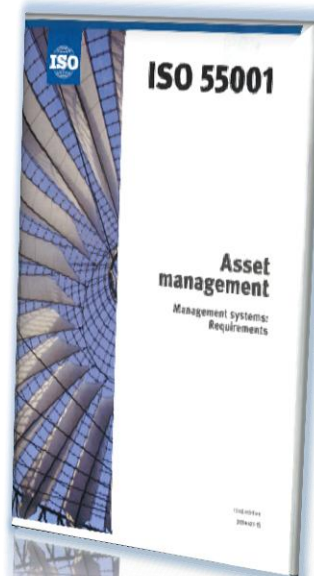
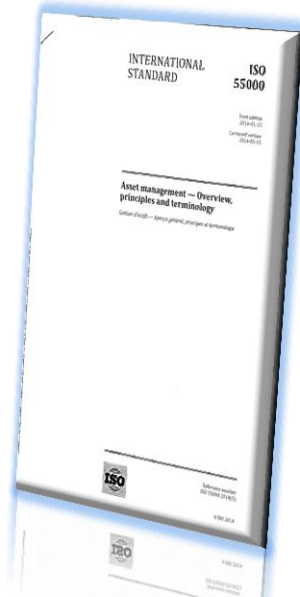


From ISO 55001

This International standard specifies the requirements for the establishment, implementation, maintenance and improvement of a management system for asset management, referred to as an “asset management system”.



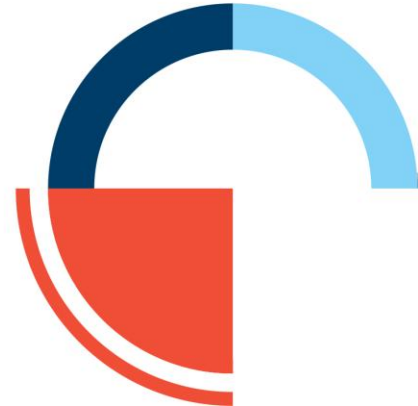
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Management System for Asset Management

ISO 55000

Documents systems and procedures required to demonstrate that you are managing your assets well



ISO 55000

So what's in it?

- Context
- Leadership
- Planning
- Support
- Operation
- Performance evaluation
- Improvement



71 “Shall” statements



ISO 55000

How does it work?



Stakeholders

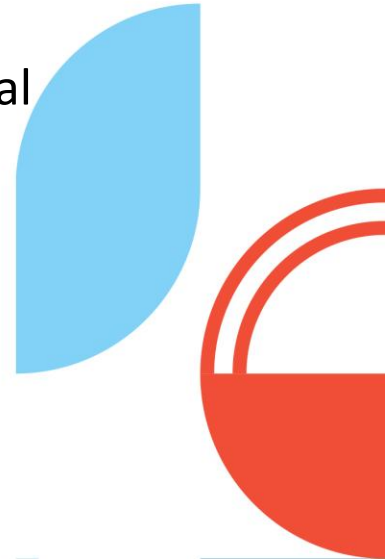


Demonstrable balance between
cost, risk and performance.

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Organisational
Objectives



ISO 55000

Example from ISO 55001

7.4 Communications

The organisation shall determine the need for internal and external communications relevant to assets, asset management and the asset management system including:

- On what it will communicate
- When to communicate
- With whom to communicate
- How to communicate



ISO 55000

7.4 Communication (1 Part)	
7.4 Part 1 of 1	<p>The organisation shall determine...</p> <ul style="list-style-type: none"> — on what it will... — when to communicate; — with whom to communicate; — how to communicate
Note	<ul style="list-style-type: none"> • When undertaking business activities, the organisation should inform both internal and external stakeholders (individuals and/or organisations) of the value of those activities with respect to the achievement of the asset management objectives.
Evidence Example	<ul style="list-style-type: none"> • Refer to the following typical artefacts for the recognition of the value of people's activities and tasks: <ul style="list-style-type: none"> ○ Stakeholder management plans ○ Induction Programme requirements ○ Internal and external communication plans and activities and management reviews of such plans ○ Minutes of Management review meetings related to communication of Asset Management decisions and activities ○ Organisational reward programmes. • Or similar.
ISO Artefact	No artefact is specified
Your Organisation Artefacts	"COMMUNICATION PLANS" FORM PART OF THE SAMP DOCUMENT
If this shall was implemented, what would success look like in your organisation?	<p>COMMS PLAN IMPLEMENTED</p> <p>STAFF & STAKEHOLDERS INFORMED OF ALL APPROPRIATE INFORMATION.</p>





ISO 55000

So why use it?

Avoid Asset Management Failure

1. Military plane purchase
2. Upgrade just before demobilisation



ISO 55000

Example from ISO 55001

7.4 Communications

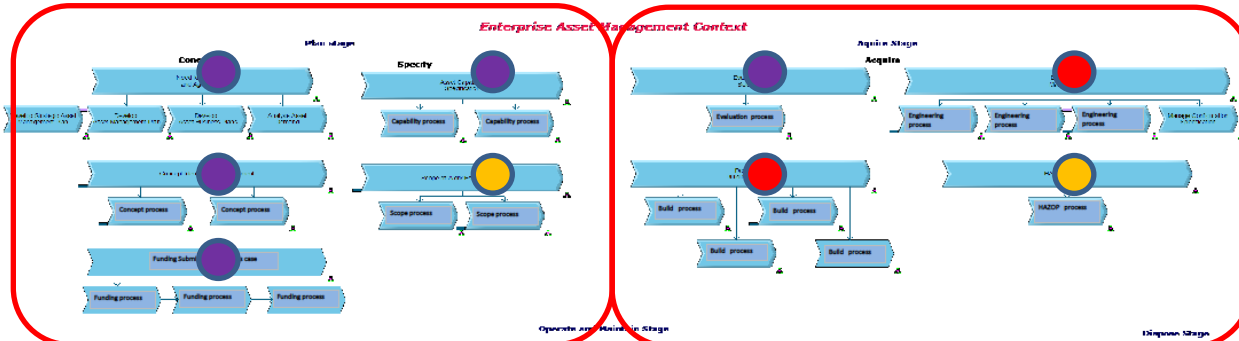
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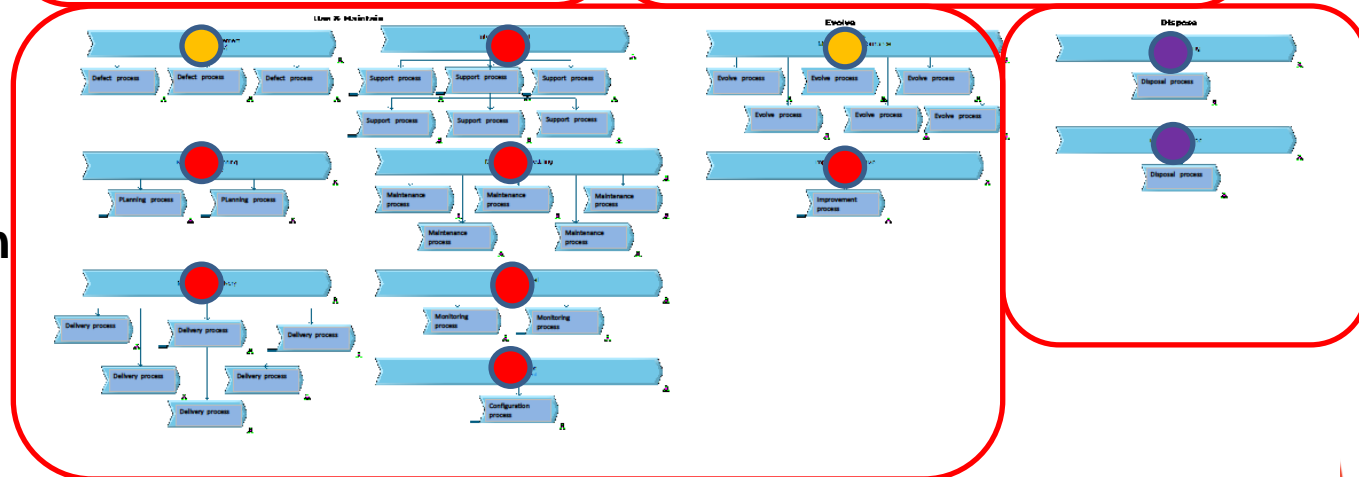


Implementation

Enterprise Asset Management Context



Acquire



Dispose

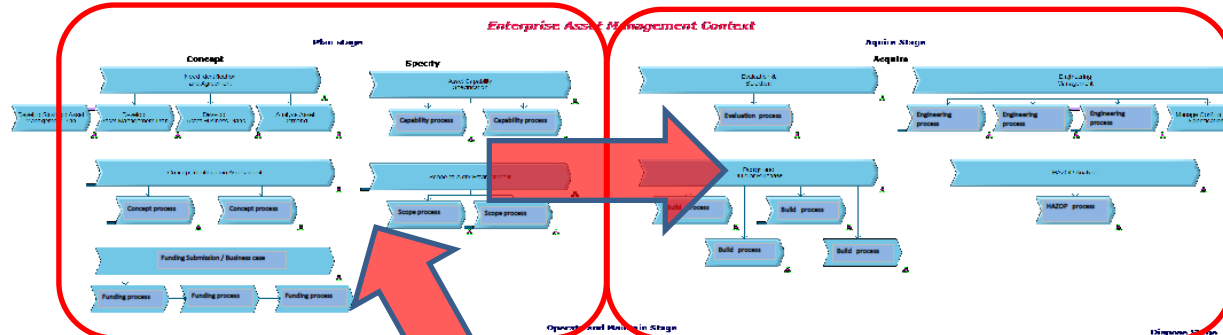
Plan

Use & Maintain

Implementation

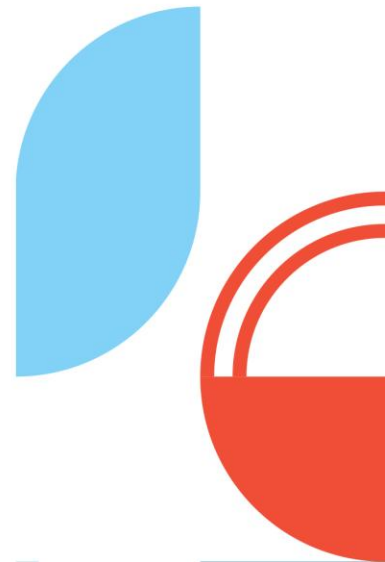
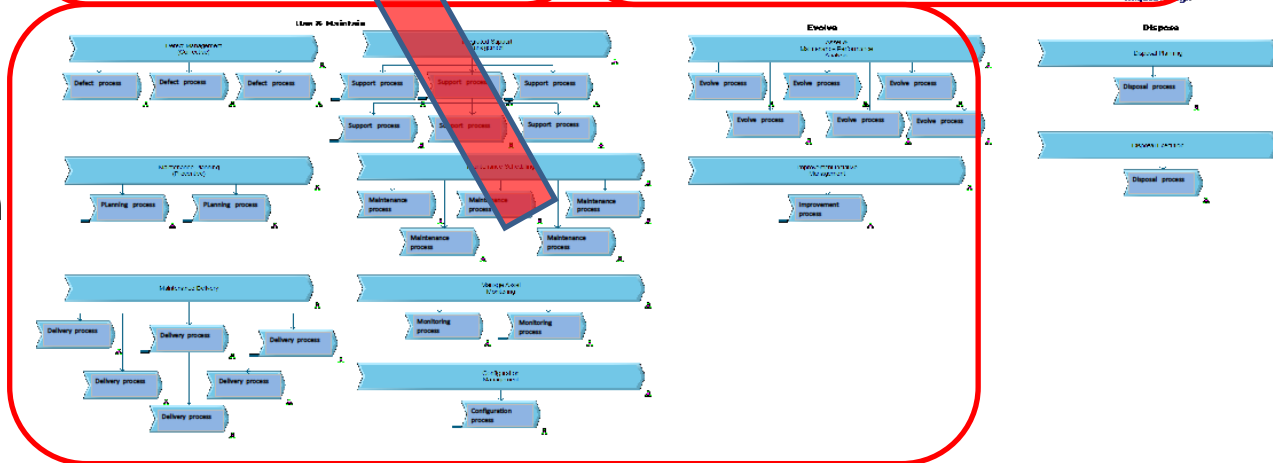
Replace failed equipment

Plan



Acquire

Use & Maintain





Advantages

Demonstrable balance between cost,
risk and performance.

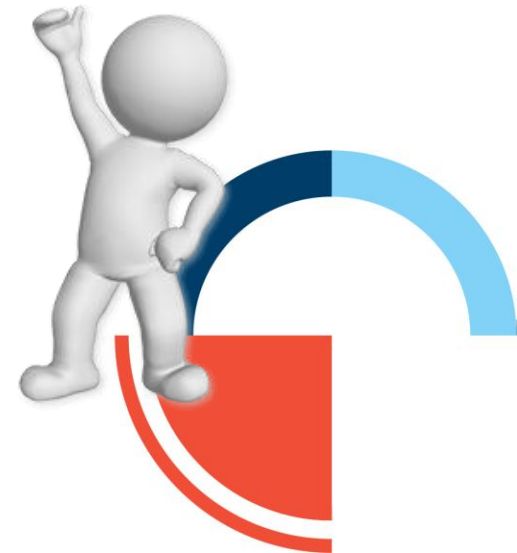
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- Produce intended outcomes
- Consistent and repeatable



Conclusion

- ISO55000 not the panacea for Asset Management practices
- Provides a roadmap and effective Asset Management
- The first International encouraging
- Excitement from the adoption of Asset Management Improvement practices.



Contact

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END

