



CRITICAL UPDATE ON AUSTRALIAN STANDARDS

Jennifer Harwood, National Sector Manager
2015

The Facts...

STANDARDS AUSTRALIA – FORMED 1922

Independent, not-for-profit,
non-government

Driven by adding Net
Benefit to Australia

Represents Australia on the
International Organisation
for Standardisation (ISO)

A trusted partner of
government and industry

Recovers a small royalty on
sale of Australian Standards

Agenda and priorities
driven by stakeholders

Standards Development

OBJECTIVE

To excel in the provision of contemporary, internationally aligned Standards and related services.

RESULTING IN

- Community net benefit
- Stakeholder satisfaction
- Sustainable organisation



The Facts...

OUR NOMINATING ORGANISATIONS CONTRIBUTE TOWARDS DEVELOPING STANDARDS

Association of Consulting Engineers Australia



Australasian Fire and Emergency Service Authorities Council



Australasian Institute of Mining and Metallurgy



Australian Acoustical Society



Australian Aluminium Council



Australian Automobile Association



Australian Building Codes Board



Australian Chamber of Commerce and Industry



Australian Computer Society Inc



Australian Council of Healthcare Standards



Australian Council of Trade Unions



Australian Dental Association Inc



Australian Industry Group



Australian Information Industry Association Ltd



Australian Institute of Architects



Australian Institute of Building



Australian Institute of Petroleum Ltd



Australian Liquefied Petroleum Gas Association Ltd



Australian Medical Association



Australian Nursing Federation



Australian Organisation for Quality Inc



Australian Paint Manufacturers Federation Inc



Australian Procurement and Construction Council Inc



Australian Retailers Association



Australian Steel Institute



Austrorads



Bureau of Steel Manufacturers of Australia



Cement Concrete and Aggregates Australia



CHOICE



Civil Contractors Federation



Communications Alliance Limited



Concrete Institute of Australia



Concrete Pipe Association of Australasia



Construction Information Systems Australia Pty Ltd (NATISPEC)



Consumers' Telecommunications Network



Council of Small Business of Australia Ltd



Council of Textile and Fashion Industries of Australia Limited



Department of Innovation, Industry, Science and Research



Energy Networks Association Ltd



Engineers Australia



Federal Chamber of Automotive Industries



Fire Protection Association Australia



Furntech - AFRDI



Galvanizers Association of Australia



Government of South Australia



Housing Industry Association Ltd



Insurance Council of Australia



JAS-ANZ (Joint Accreditation System of Australia and New Zealand)



Master Builders Australia



Master Plumbers Australia



Materials Australia



Medical Technology Association of Australia



Minerals Council of Australia



National Association of Testing Authorities Australia



National Electrical and Communications Association



National Marine Safety Committee Inc



National Safety Council of Australia Ltd



NSW Business Chamber



Office of Fair Trading Department of Commerce



Packaging Council of Australia



Plastics and Chemicals Industries Association Inc



Plastics Industry Pipe Association of Australia Ltd



Property Council of Australia



RABQSA International Inc



Royal Australian Chemical Institute Inc



Standards New Zealand



Telstra Corporation Limited



Vic Dept of Infrastructure - Energy Safe Victoria



WA Government - EnergySafety



Water Services Association of Australia

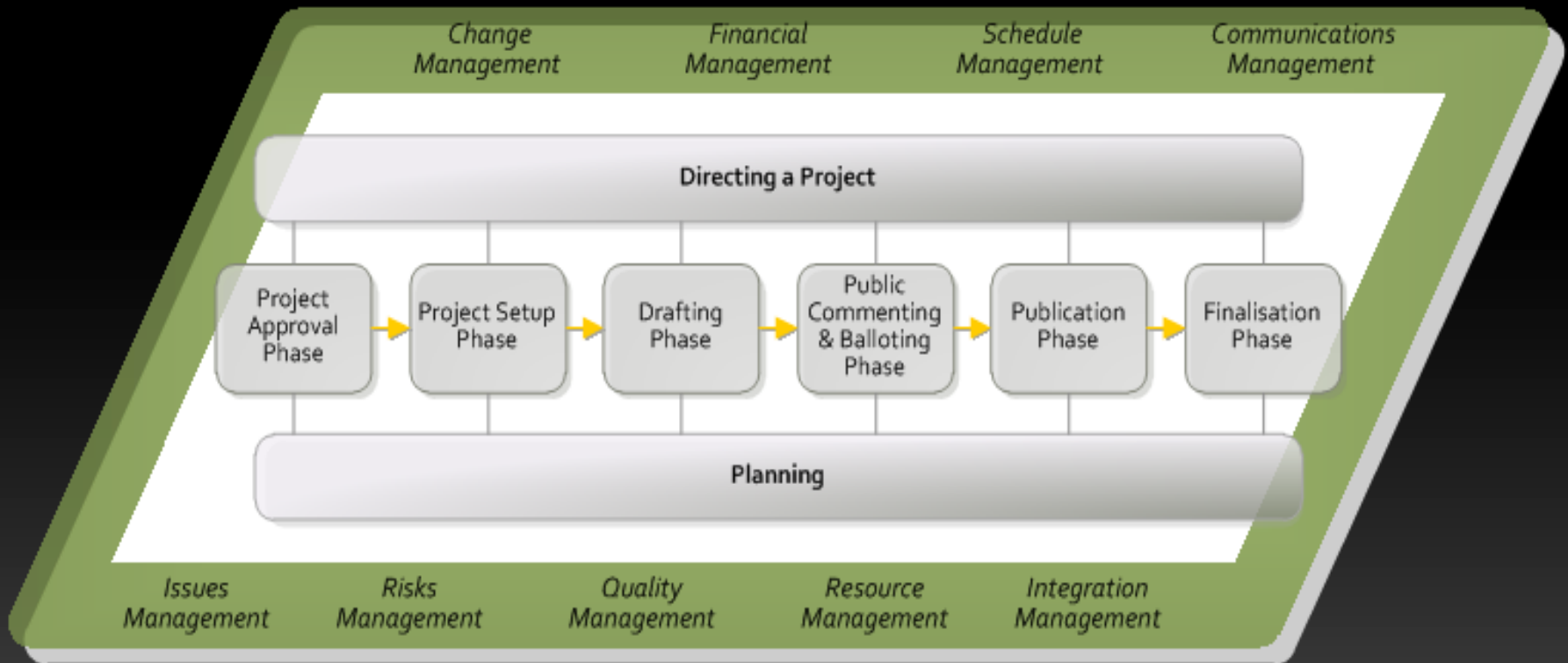


Welding Technology Institute of Australia



Project Management

STANDARDS DEVELOPMENT PROCESS



Codify, don't legislate

AUSTRALIAN STANDARDS

Voluntary
documents

Consensus
based

Alternative
to regulation

Efficiency

MAXIMISE

- Speed to market
- Quality
- Value
- Relevance



MINIMISE

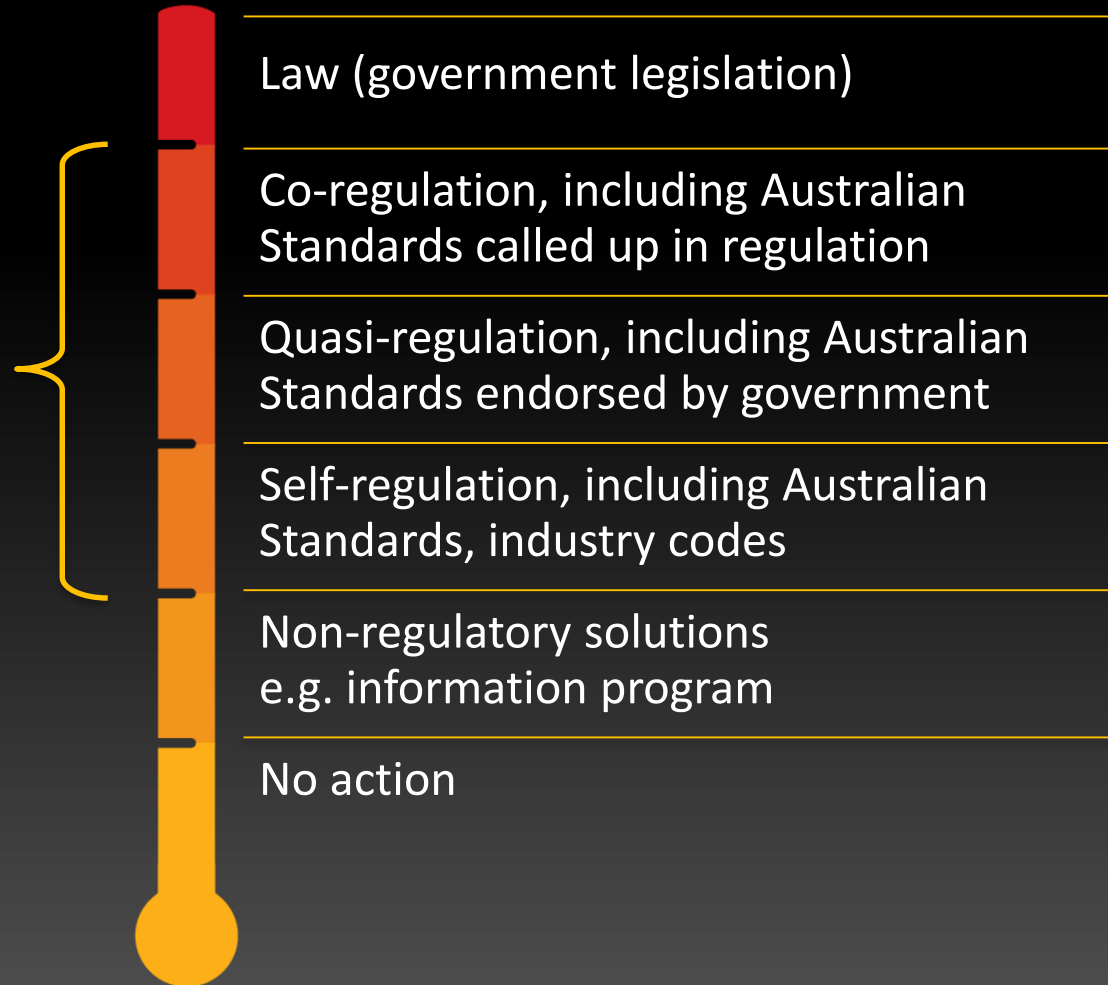
- Time
- Costs



What is required to develop an appropriate Standard?

REGULATORY SPECTRUM

Standards
Australia



Critical update on Australian Standards

STARTING POINT

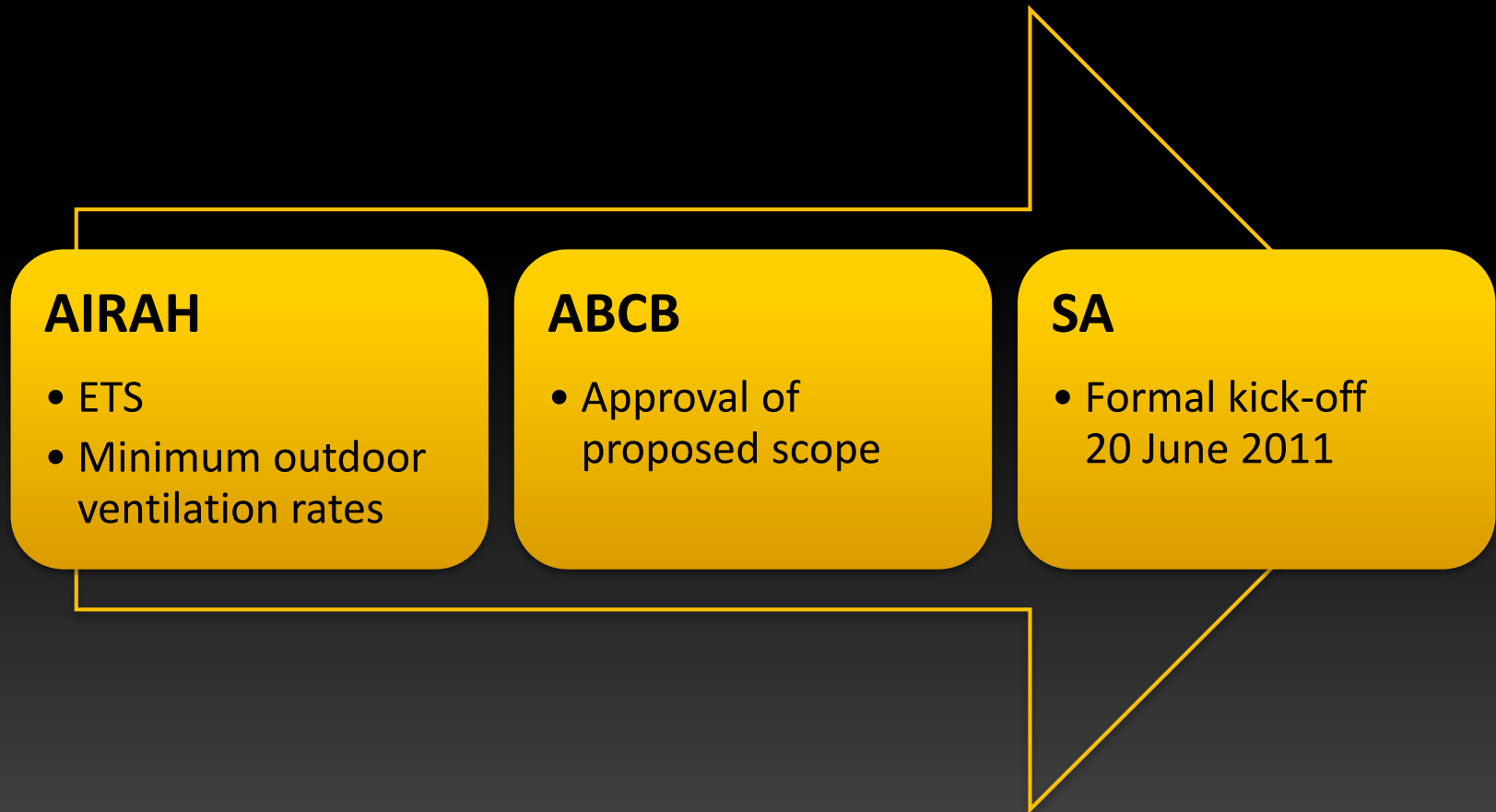
AS 1668.2-1991: Primary reference in BCA

Early 2000 – work on new edition

Published in 2002

No adoption into the BCA

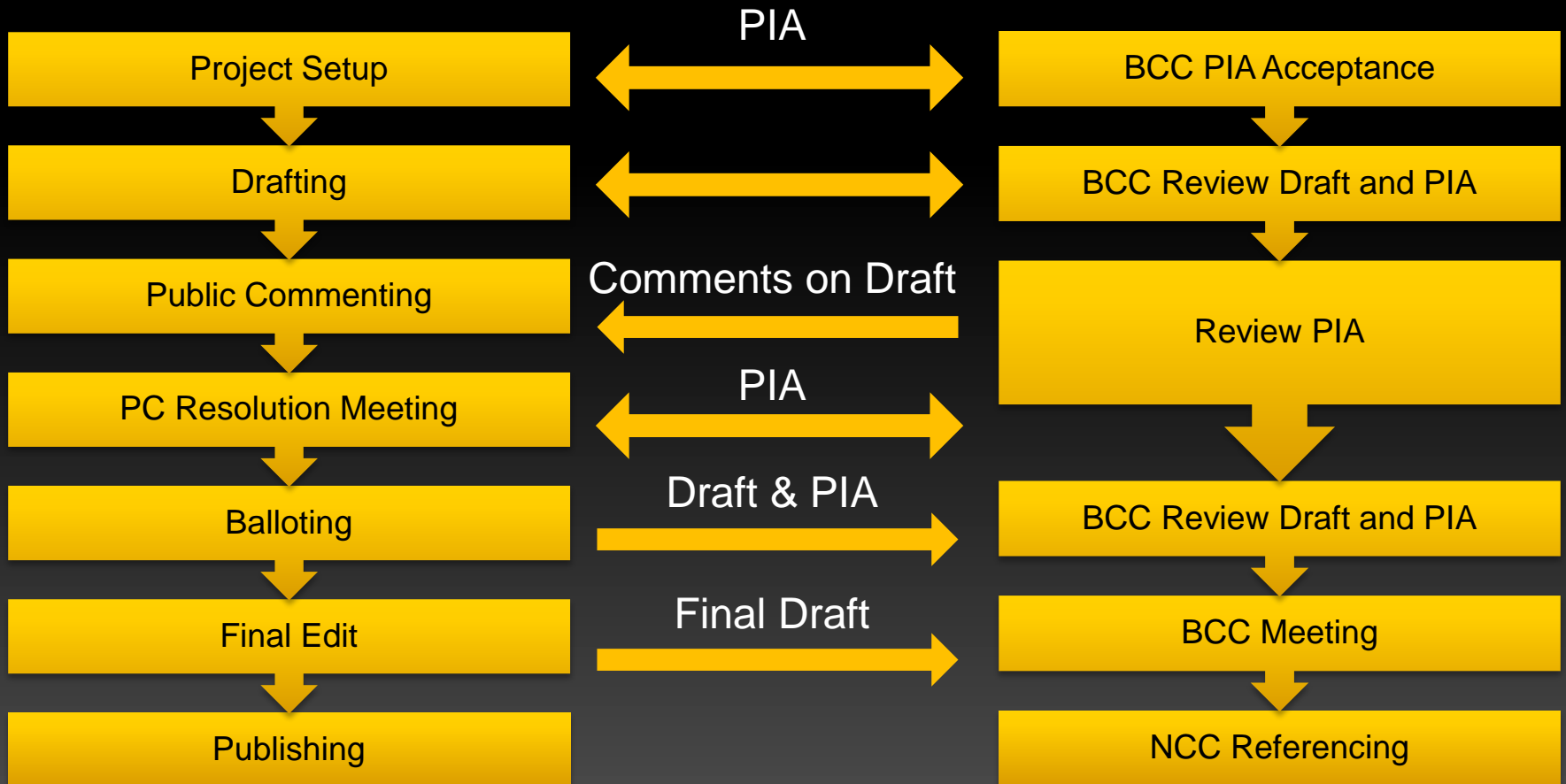
THE GENESIS OF THE 2012 EDITIONS



PROCESS MANAGEMENT

Standards Australia

ABCB



WHERE DID WE GET TO?

AS 1668.2-2012

The use of ventilation and airconditioning in buildings – Mechanical ventilation in buildings

AS 1668.4-2012

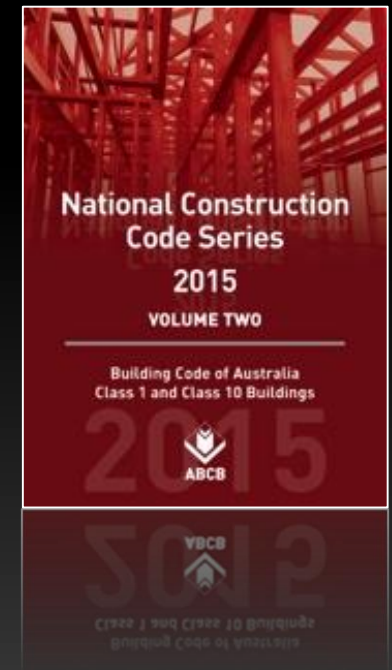
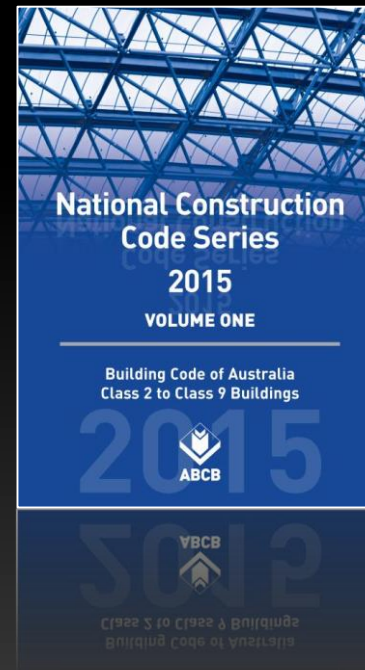
The use of ventilation and airconditioning in buildings – Natural ventilation of buildings

Critical update on Australian Standards

NATIONAL CONSTRUCTION CODE (BCA AND PCA)

NCC 2015

- **Volume 1**
 - AS 1668.2 – Mechanical
 - AS 1668.4 – Natural
- **Volume 2**
 - AS 1668.2 – Mechanical



Critical update on Australian Standards

NATIONAL CONSTRUCTION CODE (BCA AND PCA)

NCC 2015

- **AS 2047** *Windows and external glazed doors in buildings*
- **AS 3786** *Smoke alarms*
- **AS/NZS 3837:1998** *Methods of test for heat and smoke release rates for materials and products using oxygen consumption calorimeter*
- **AS/NZS 2179** *Specification for rainwater goods, accessories and fasteners*

Critical update on Australian Standards

OTHER STANDARDS PUBLISHED IN 2014

- **AS/NZS 2712** *Solar and heat pump water heaters - Design and construction*
- **AS/NZS 4234** *Heated water systems - Calculation of energy consumption*
- **AS 4343** *Pressure equipment - Hazard levels*
- **AS ISO 7240.3** *Fire detection and alarm systems - Part 3: Audible alarm systems*
- **AS ISO 7240.23** *Fire detection and alarm systems - Part 23: Visual alarm systems*

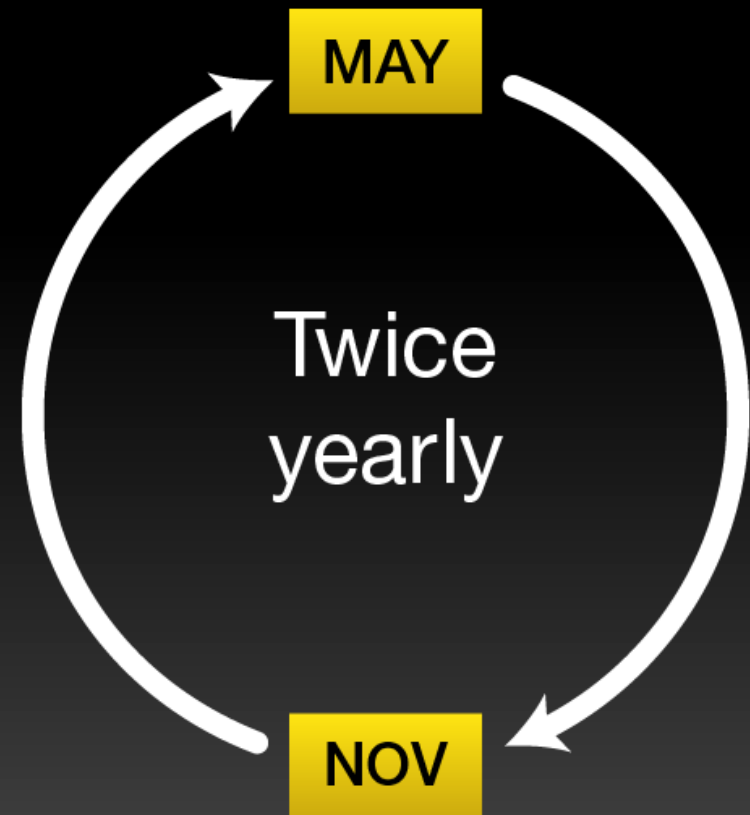
PROJECT PRIORITISATION

PROJECT PROPOSAL PROCESS

All projects are initiated through a project proposal

Two Pathways

- Standards Australia resourced
- Externally funded



PROJECT PRIORITISATION

PROJECT PROPOSAL PROCESS

For the Standards Resourced Pathway, Project Proposals can be submitted twice a year:

Round 10

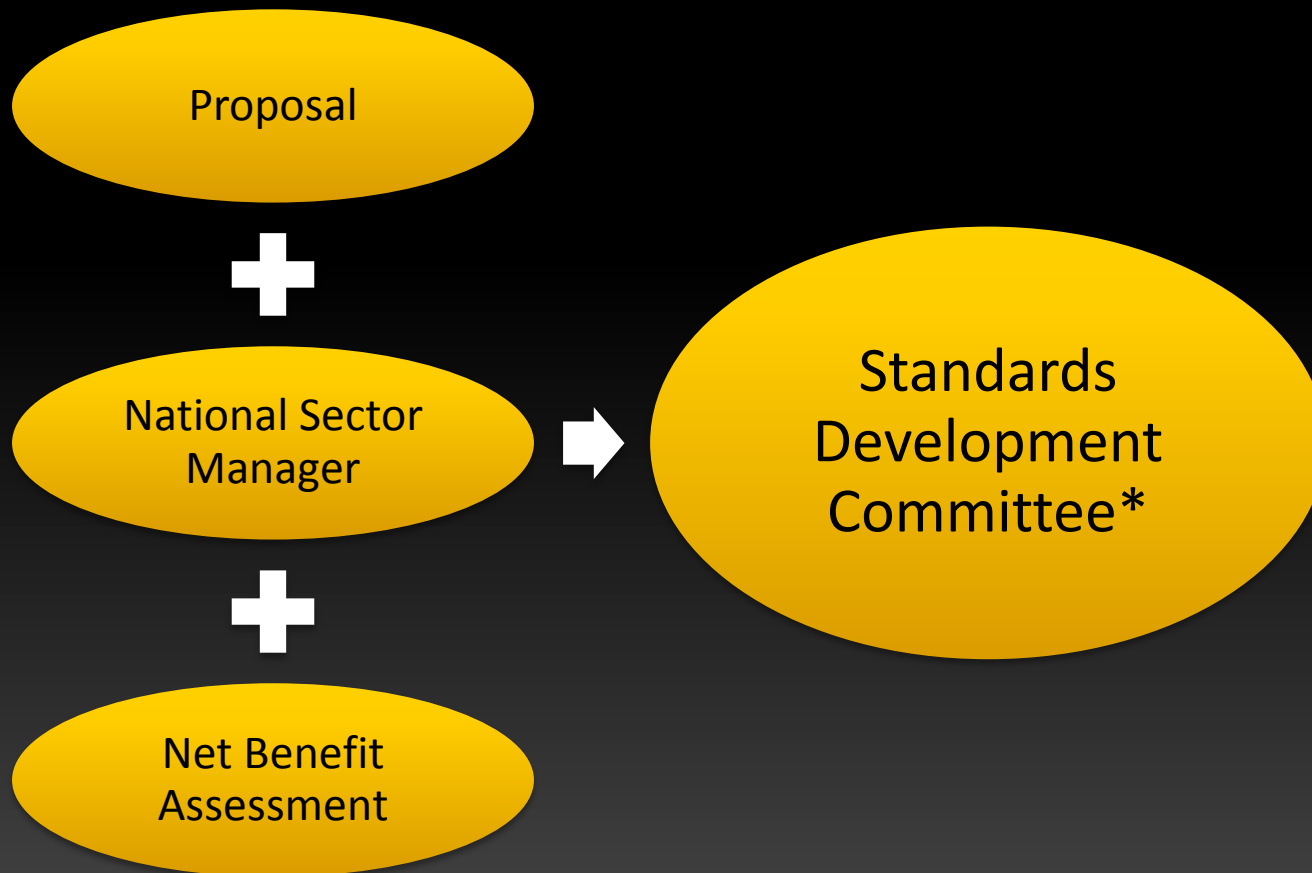
Monday 2 February – Wednesday 18 March 2015

Round 11

Monday 10 August to Wednesday 23 September 2015

PROJECT PRIORITISATION

PROCESS



SOCIAL MEDIA

JOIN US ON LINKEDIN



The screenshot shows the LinkedIn profile for Standards Australia. At the top, there is a search bar and navigation links for Home, Profile, Connections, Jobs, and Interests. The profile header includes the company name 'Standards Australia', a search bar for 'Search companies...', and a 'Following' button. Below the header is a banner image with the 'STANDARDS Australia' logo. The main content area features a 'Recent Updates' section with a post from Nick Byrne, Chairman of Technical Committee CS-060 Buoyancy Aids, discussing lifejackets. To the right, there is a 'How You're Connected' section showing 12 first-degree connections, 84 second-degree connections, and 157 employees on LinkedIn. Below that is a 'Careers' section with a job listing for 'Interested in Standards Australia?'. At the bottom, there is a section for 'Ads You May Be Interested In' featuring an advertisement for an 'MBA Degree While You Work'.

STAKEHOLDER ENGAGEMENT



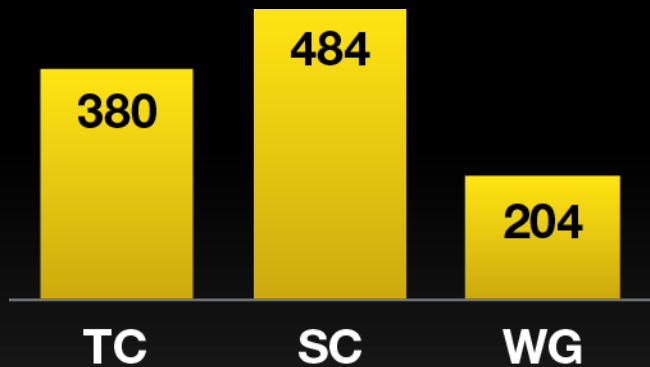
Sector and Issue Forums

26 forums, 600+ participants

- Aligning SA with emerging issues and needs
- Facilitating strategic engagement
- Engaging new stakeholders

OPERATIONS UPDATE

TECHNICAL COMMITTEES



TC Technical Committee
SC Subcommittee
WG Working Group

Expert Contributors

Over 7,000

Initiatives/challenges

- Training
- E-meetings / online collaboration
- Engaging next generation

QUESTIONS?

