



Introduction to
ISO 55011 – *Guidance for the
development of public policy
to enable asset management*

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Agenda

- Introduction to ISO/TC251 and 55000 series
- ISO 55011 – brief history and drivers
- ISO 55011:2024 – what you can expect
 - Key elements
 - Implementable actions across a range of audiences
 - Benefits
- Example case study application
- Resources
- Q&A

International Organization for Standardization (ISO)

Worldwide network of the main standardization bodies

- Represents 172 countries
- Develops and publishes international standards
- Brings together experts from all over the world

Over 25000 international standards and related publications

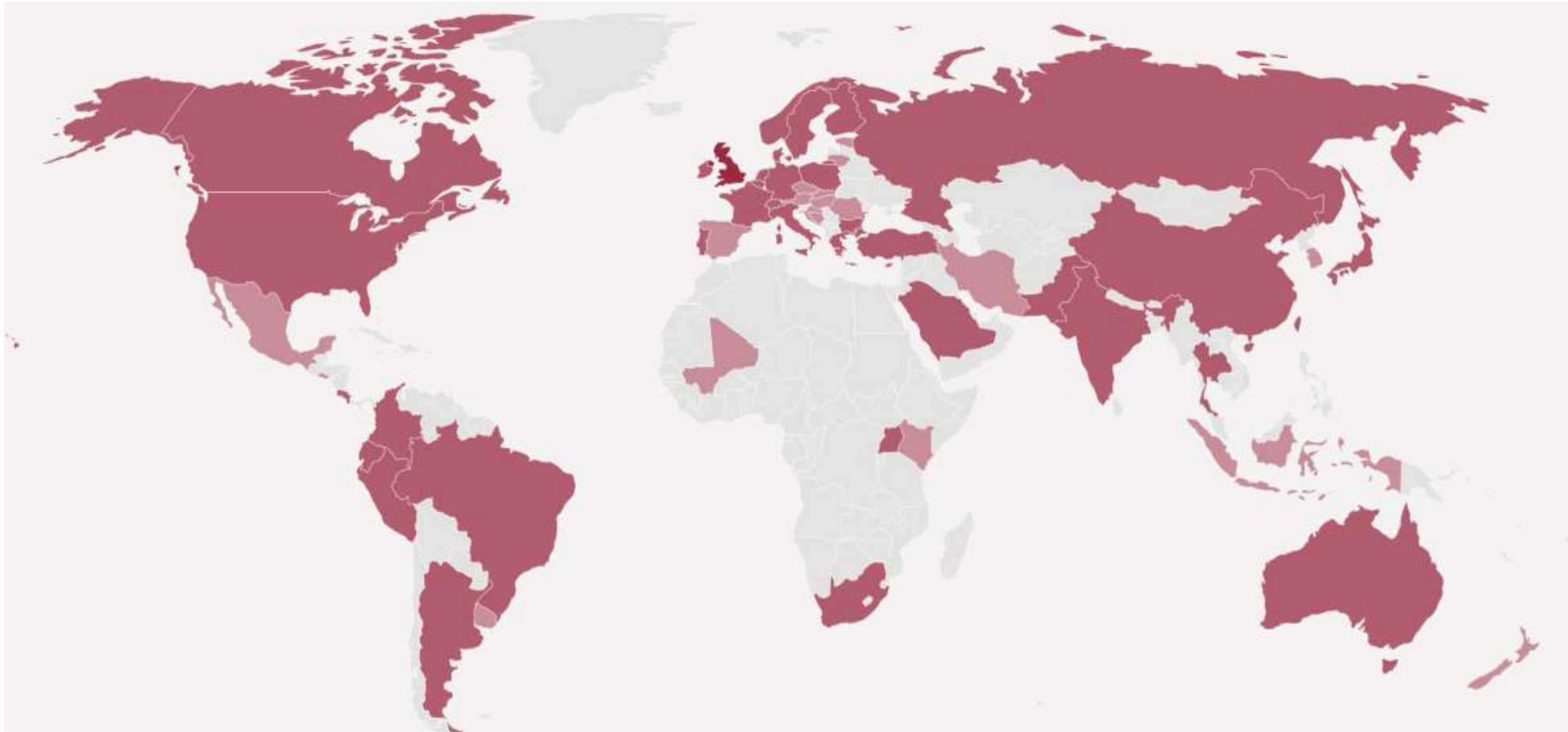
- Voluntary standards, consensus-based
- Product compatibility
- Product and services safety
- Management systems

800 technical committees and sub-committees

- Sharing ideas, solutions, expertise and best practices
- The TC251 committee manages the ISO 55000 series



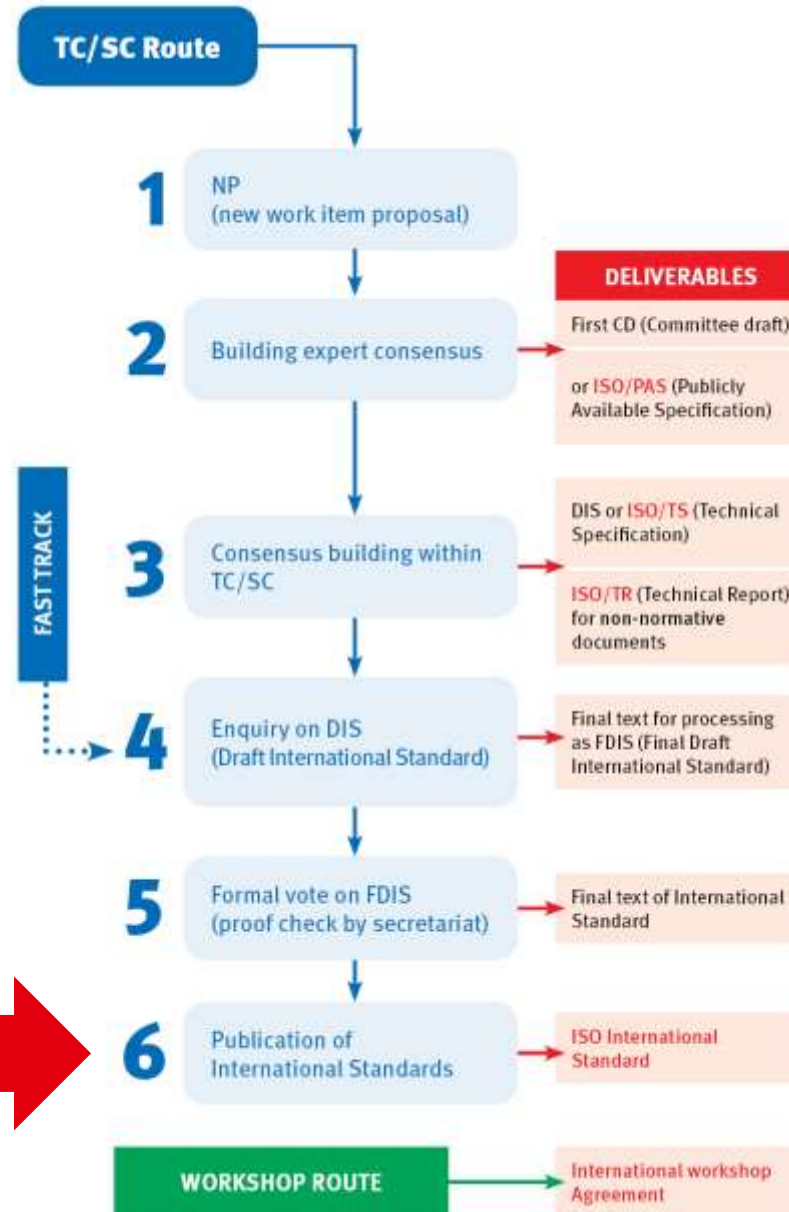
ISO/TC 251 members



- Secretariat (UK)
- P members
- O members

2015: 37 Countries → 2024: 59 Countries

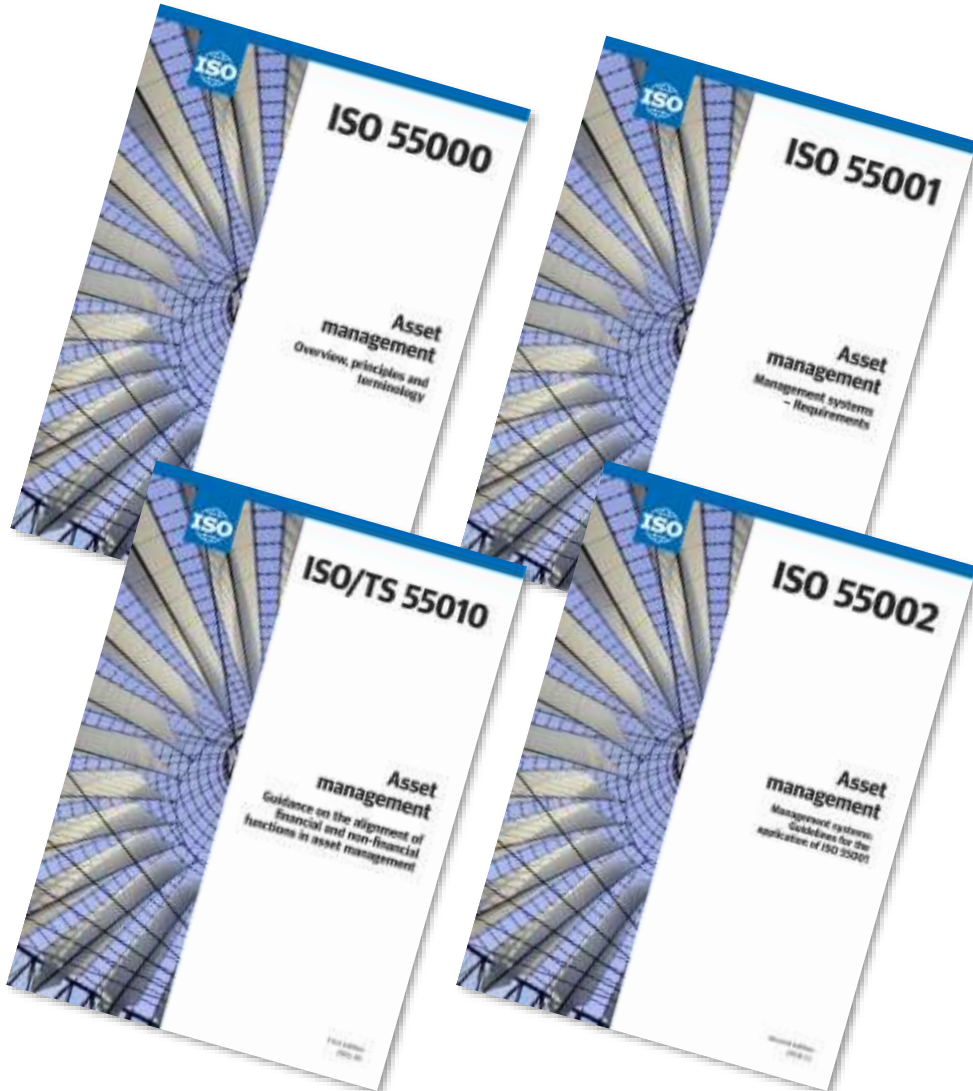
ISO/TC 251 structure and process



Now →

ISO 5500x series of standards

The series prior to 2024



ISO 55000: 2014

Overview, principles and terminology

ISO 55001: 2014

Management systems – Requirements

ISO 55002: 2018

Management systems – Guidelines on the application of ISO 55001

ISO/TS 55010: 2019

Guidance on alignment of asset management, finance and accounting

ISO 5500x series of standards

What has changed this year

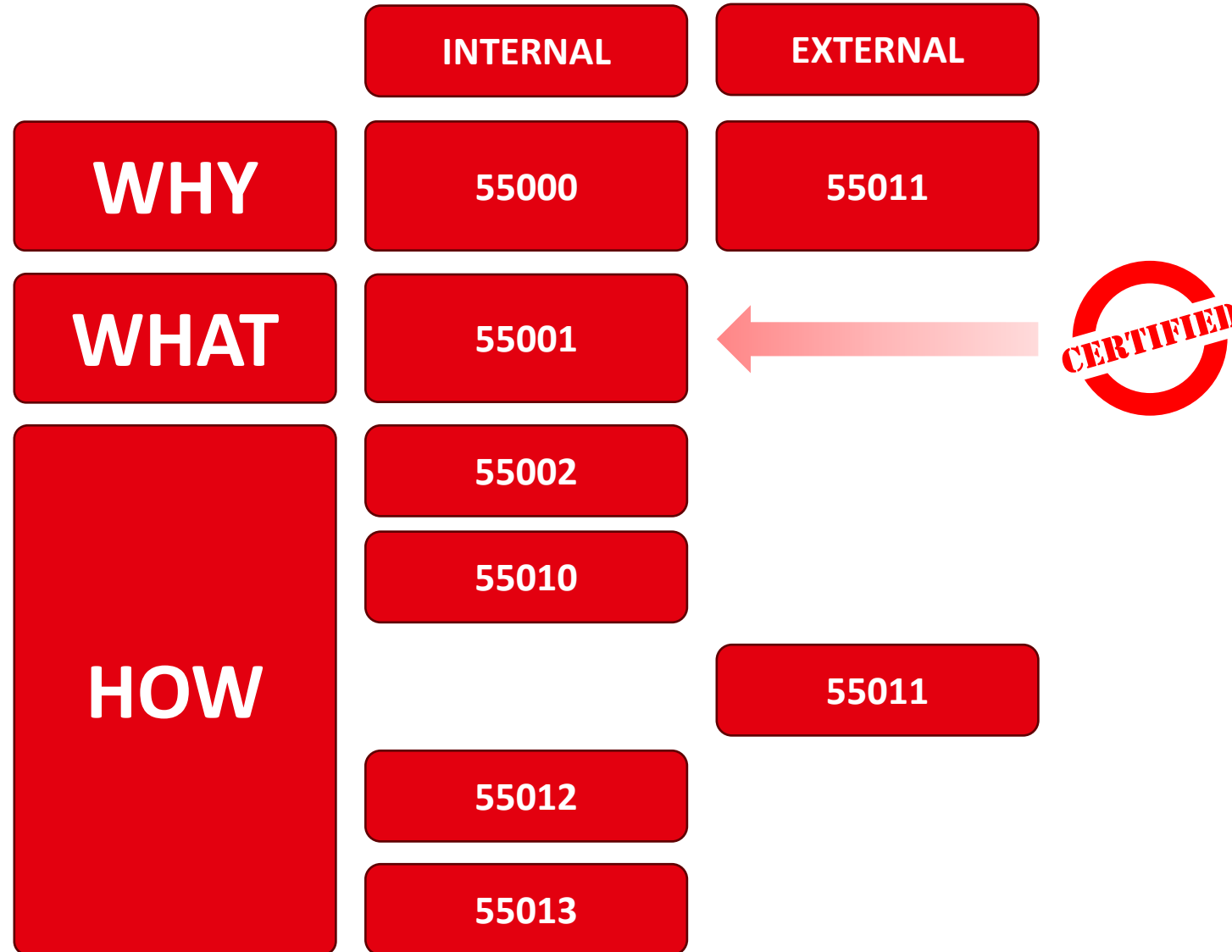


ISO 5500x series of standards



55000: Principles, Overview, Terminology	V1		V2	
55001: Requirements	V1		V2	
55002: Guidance	V1	V2		V3
55010: Financial and non-financial alignment		V1	V2	
55011: Public policy guidance			V1	
55012: People involvement and competence			V1	
55013: Data for asset management			V1	

The ISO 55000 series



Drivers for establishing ISO 55011

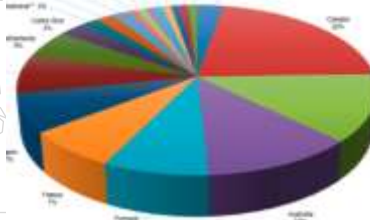
- Most ISO/TC 251 standards help individual organizations implement asset management systems to achieve their own objectives.
- There was limited ISO/TC 251 guidance helping organizations/ individuals enable other organizations to adopt asset management.
- Public policies are recognized as one of the most effective means of influencing organizations.

55011 Background and Context: Development Timeline



2017

WG7 launched at TC251 Meeting in Brisbane, Australia



2020-2021

Global survey conducted

Extensive research and case studies developed; testing of “enabling environment for asset management”

December 2021 – published internationally peer reviewed article in Water Journal

<https://www.mdpi.com/2073-4441/13/24/3524/pdf>



2024

ISO 55011 published in August following successful international TC251 FDIS ballot



2016

New Work Item Proposal approved to establish WG7

2018-2020

First Working Drafts developed

2018 Government Seminar held in Portugal

Following Committee Draft; back staged in 2020 to refine scope and target audience



2022-2023

ISO/CD 55011.2 developed per design specification and global survey feedback

WG7 initiates external coordination and update of UN SDG article

TC251 approves to move ISO/CD 55011.3 to Draft International Standard (DIS) stage

In November 2023, TC251 approves ISO/DIS 55011 to move to the Final International Standard (FDIS) stage



ISO 55011 – Guidance for the development of public policy to enable asset management

responds to global demand, providing guidance – based on leading practice and lessons learned internationally – for the development of public policy that enables multiple organizations and levels of government to adopt, align, and/or advance asset management within jurisdictions.



What ISO 55011 is and is not

ISO 55011 does not:

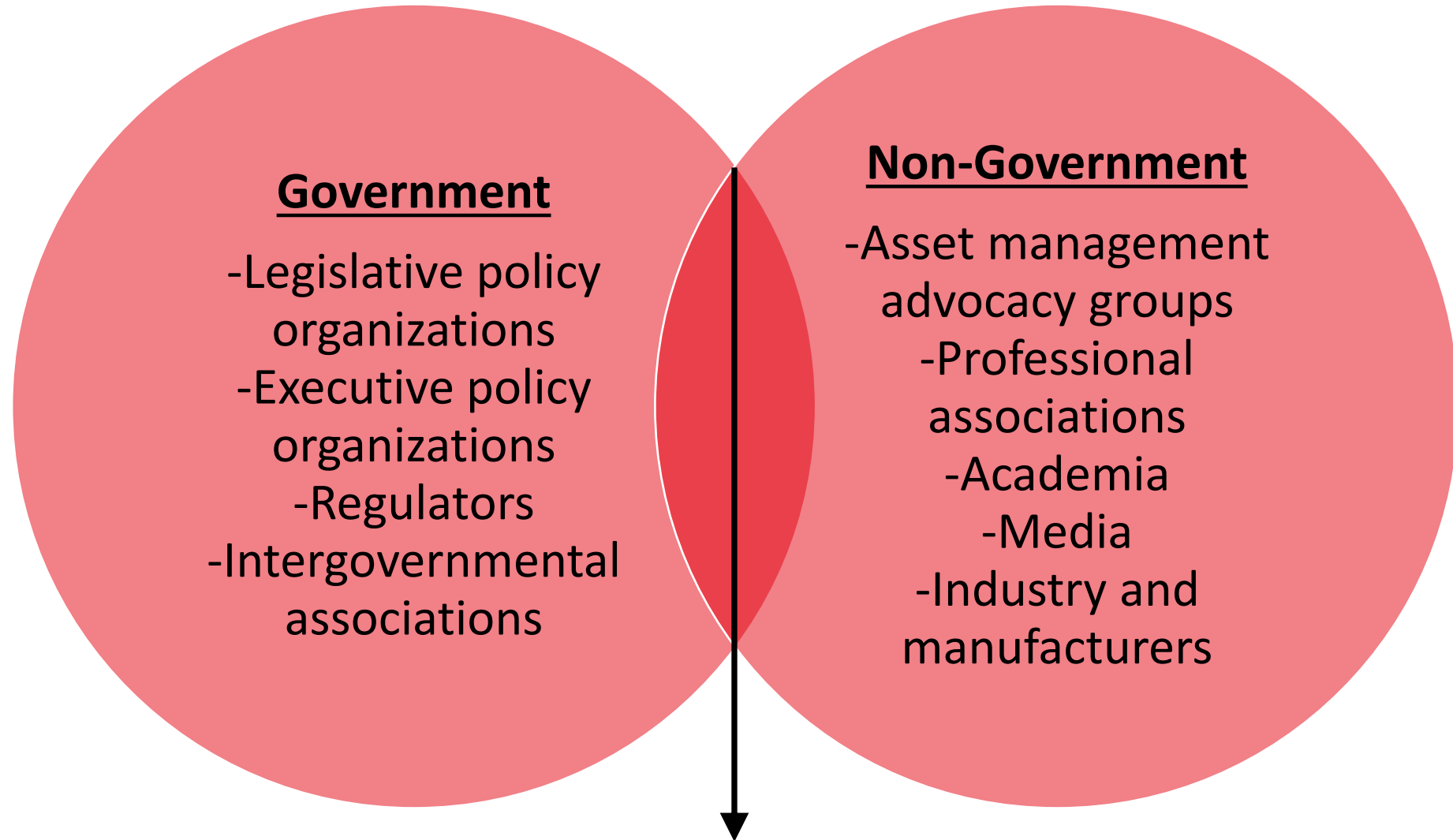
- Focus on asset management for a single organization.
- Focus on organizational policy.
- Provide guidance on general public policy-making or on political issues.
- Provide asset management system requirements for certification.

ISO 55011:

- Focuses on the development of public policies and options that advance the adoption of asset management across multiple organizations within countries at all levels of government.
- Helps you understand your role(s) as a participant in an enabling environment for asset management and the actions you can take to advance asset management and the benefits.



Who ISO 55011 is for



Effective public policies to enable asset management within entire regions.

ISO 55011: Overview of Contents

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Key Highlights

Introduction to the “enabling environment for asset management” through public policy, including:

- Government and non-government participants
- Roles of participants in developing or influencing the development of public policies that enable asset management.

Public policy instruments that can enable asset management

Good practices in public policy that improve asset management outcomes

Example actions and considerations by governments to enable asset management

Case studies from different governments that developed a range of public policy instruments – how they developed them, outcomes, successes, challenges, lessons learned and progress toward climate and ESG goals



Benefits of ISO 55011

By creating, sustaining, and improving the enabling environment for asset management, we can:

- Align government objectives at different levels of administration and in public service providers, improving likelihood of success for achieving national or subnational asset-dependent objectives
- Foster partnerships
- Make better use of financial and non-financial resources
- Improve decision-making over the long term
- Improve transparency, accountability, and risk management in decisions and associated actions related to critical infrastructure
- Continually improve services

Example Case Study: Policy levers used in Australian states to support a Strategic Asset Management (SAM) framework

Context and need

- Infrastructure South Australia established through the Infrastructure SA Act 2018 as an independent advisory body to advise government on South Australia's infrastructure needs.
- Best practice identified and evaluated in developing strategic asset management frameworks and policies in jurisdictions across Australia as part of effort to implement strategic asset management framework for the whole of South Australia.

Example Case Study: Policy levers used in Australian states to support a Strategic Asset Management framework (cont'd)

- Policy levers supporting Strategic Asset Management Framework
 - Mandatory example: Attestation framework
 - Voluntary example: “Community of Practice” in the context of the SAM planning framework
- Good practice asset management achieved through public policy



Example Case Study: Policy levers used in Australian states to support a Strategic Asset Management framework(cont'd)

Good practice asset management achieved through public policy

- Independent infrastructure advisory agency or agency providing strategic advice to government on strategic/asset management planning
- State infrastructure strategy
- Alignment between state infrastructure strategy and strategic asset management framework
- Alignment to ISO 55000
- Strategic asset management framework and integrated approach
- Policy scope – mandatory and voluntary policy instruments
- Agency responsible for ensuring compliance and compliance arrangements/links to budget and funding regimes
- Mention of asset management in infrastructure strategy
- Reference to emerging issues (e.g., net zero) in asset management framework
- Value of state assets at last budget and capital maintenance

Where to access and find more information

Access ISO 55011 at:

- ISO store
<https://www.iso.org/standard/81011.html>
- Your National Standards Body
www.iso.org/about/members

For more information, visit us at:

- Website committee.iso.org/tc251
- LinkedIn www.linkedin.com/company/iso-tc251/





Thank you.

Making lives *easier*, *safer* and *better*.

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