



Blockchain Standards Initiative

Australia will manage the Secretariat of the International Technical Committee for Blockchain Standards (ISO/TC 307) after the International Organization for Standardization (ISO) approved Standards Australia's proposal for new International Standards on blockchain.

Leading ISO/TC 307 places Australia and Australian stakeholders in a strong position to shape and influence the future of International Blockchain Standards.

With the world first ISO/TC 307 International Blockchain Standards meeting set to be held in Sydney in April 2017, Standards Australia will be facilitating a number of key activities to support the Blockchain Standards Initiative.

ROADMAP	1	Blockchain Industry Survey	Undertake an Australian stakeholders survey to capture information on the issues, challenges and opportunities relating to blockchain and the role of standards in supporting the technology.
	2	Blockchain Industry Workshop	Using the results as a platform for discussions, facilitate and host a public workshop on blockchain standards, inviting all key stakeholders from government and industry to participate and discuss the future of blockchain standards.
	3	Blockchain Standards Roadmap Report	Deliver a roadmap report which provide recommendations for Australia's strategic leadership on International blockchain Standards, by identifying issues and use cases, setting work streams and developing a draft work program for the International Blockchain Standards committee.
BLOCKCHAIN STANDARDS INITIATIVE	4	Australian Blockchain Standards Committee	Establish Standards Australia's Blockchain Standards Committee (IT-041) constituted of stakeholders from government, industry, research, consumer and other relevant organisations. Host a meeting of IT-041 to discuss the roadmap report and develop a collective Australian position on blockchain standards ahead of the first International Meeting.
	5	Sydney ISO Blockchain Committee Meeting	Host the first ISO/TC 307 International Blockchain Standards committee meeting in Sydney, Australia. Led by Australia, develop committee structure and three year work program informed by use cases and identified blockchain-related issues.
	6	International Blockchain Standards	Lead and Chair the development of a comprehensive suite of International Blockchain Standards for terminology, privacy, security, interoperability, automation/smart contracts, governance and other relevant technical areas over a three year work program. Ensure standards specific to blockchain use cases including for finance, services, logistics and other sectors are developed to enable market confidence and support global trade.

Benefits Realisation

Standards Australia's Blockchain Standards Initiative will support Australia's global leadership in blockchain technology:

- Unlocking a public private dialogue on blockchain industry and standards development requirements.
- Identifying the key issues, opportunities, challenges associated with the use and implementation of blockchain technologies through the development of a Blockchain Standards Roadmap.
- Delivering an Australian-led International Standards platform for blockchain which may ultimately support a strong financial sector including stock and property exchanges.
- Improving the understanding, awareness and business benefits of this emerging technology.
- Positioning Australia as a leader in the emerging global blockchain marketplace.

Blockchain

Blockchain is a digital platform that records and verifies transactions in a public and secure manner. This decentralised, cryptography based solution has the potential to redefine transactions by removing the need for middlemen. Whilst the technology is still an emerging one, its applications can be foreseen across a wide array of industry sectors. For more information see *[Blockchain & Electronic Distributed Ledger Technologies – New Field of Technical Activity](#)* (PDF).



Standards Australia

Standards Australia, the nation's peak non-government, not-for-profit standards organisation is uniquely placed to independently facilitate a transparent, consensus-based stakeholder process that will afford all relevant Australian industry, government and user stakeholder interest organisations the opportunity to participate in the development of a Blockchain Standards Roadmap.

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