



Australian Government
IP Australia



Patents



Trade Marks



Designs



Plant Breeder's
Rights

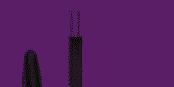
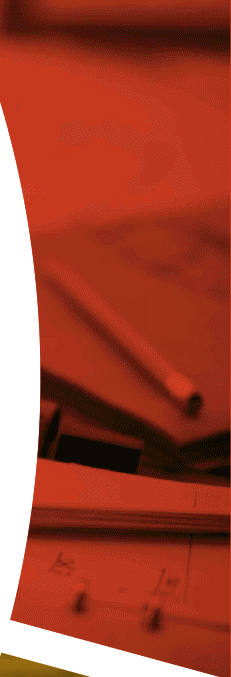
Blockchain - Standardization for Intellectual Property Data

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International ICT Cooperation

IP Australia



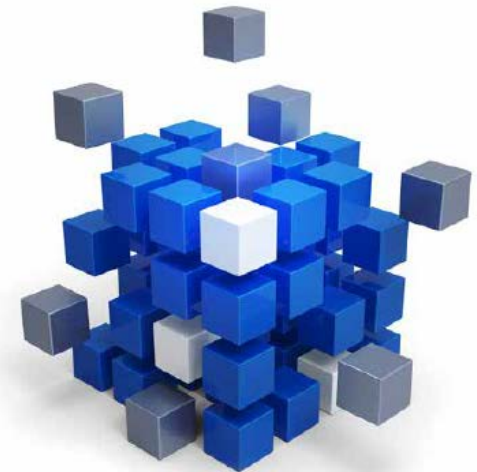


CWS/6

- Proposal to create a Task to prepare recommendations for Blockchain
- The CWS created a new task with description to read:
 - a) Explore the possibility of using blockchain technology in the processes of providing IP rights protection, processing information about IP objects and their use;
 - b) Collect information about IPO developments in use of and experience with blockchain, assess current Industry Standards on blockchain and consider merit and applicability to IPOs;

WIPO Standards

The common framework for industrial property information and documentation





CWS/6

- c) Develop a model to standardize approaches of using blockchain technology in the IP field, including guiding principles, common practice and use of terminology as a framework supporting collaboration, joint projects and proofs of concept; and
- d) Prepare a proposal for a new WIPO standard applying blockchain technology in the processes of providing IP rights protection, processing information about IP objects and their use”.

- The CWS approved the establishment of a new Task Force named “Blockchain Task Force”,
- Delegations of Australia and the Russian Federation as co-leaders of the new Task Force.

WIPO Standards

The common framework for industrial property information and documentation





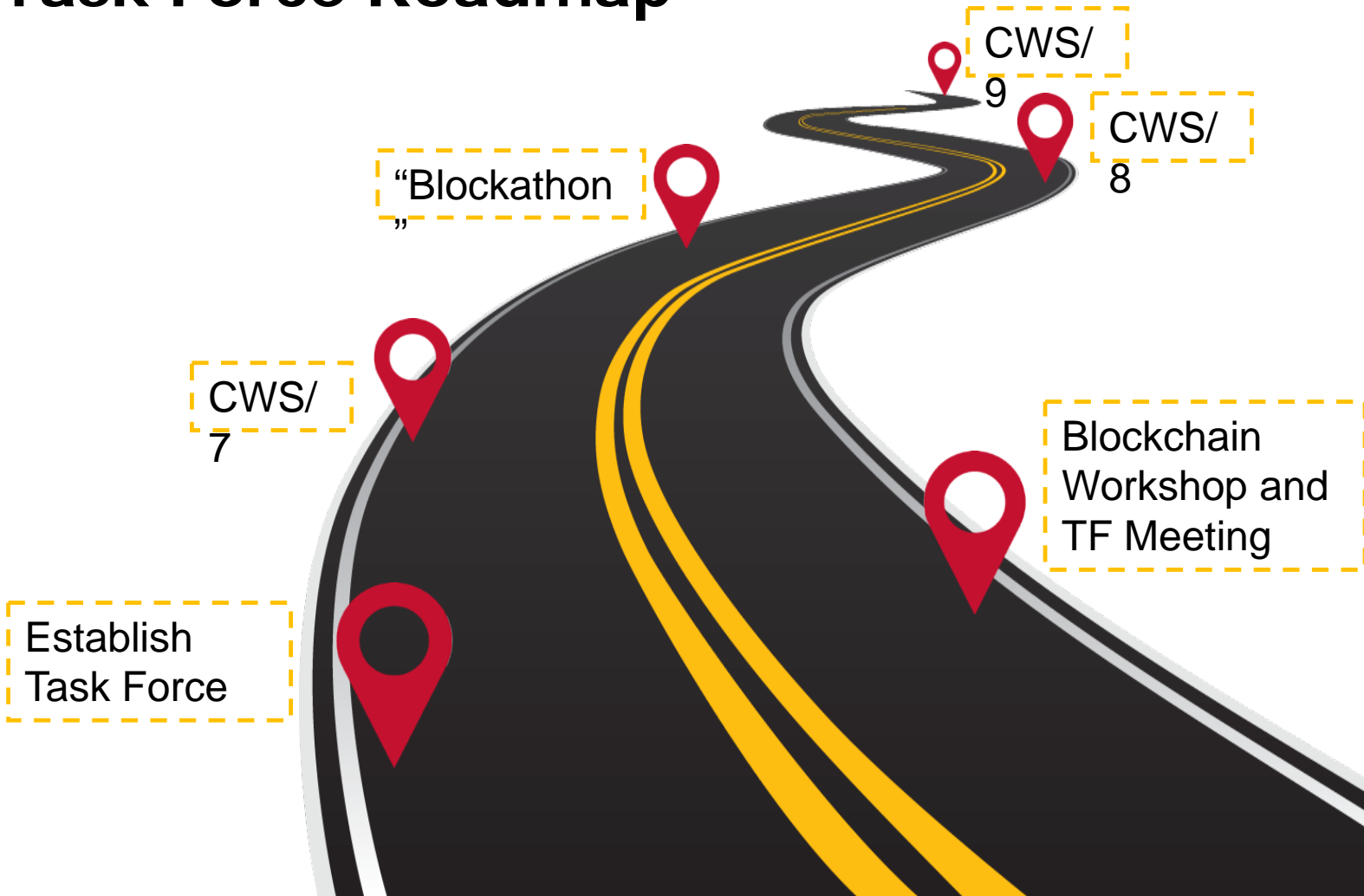
Task Force member states



- AU - Australia
- CA - Canada
- CL - Chile
- CN - China
- DE - Germany
- EM - EUIPO
- ES - Spain
- GB - United Kingdom
- IB - WIPO
- JP - Japan
- RU - Russia
- SE - Sweden
- UA - Eurasian Patent Office
- US - United States

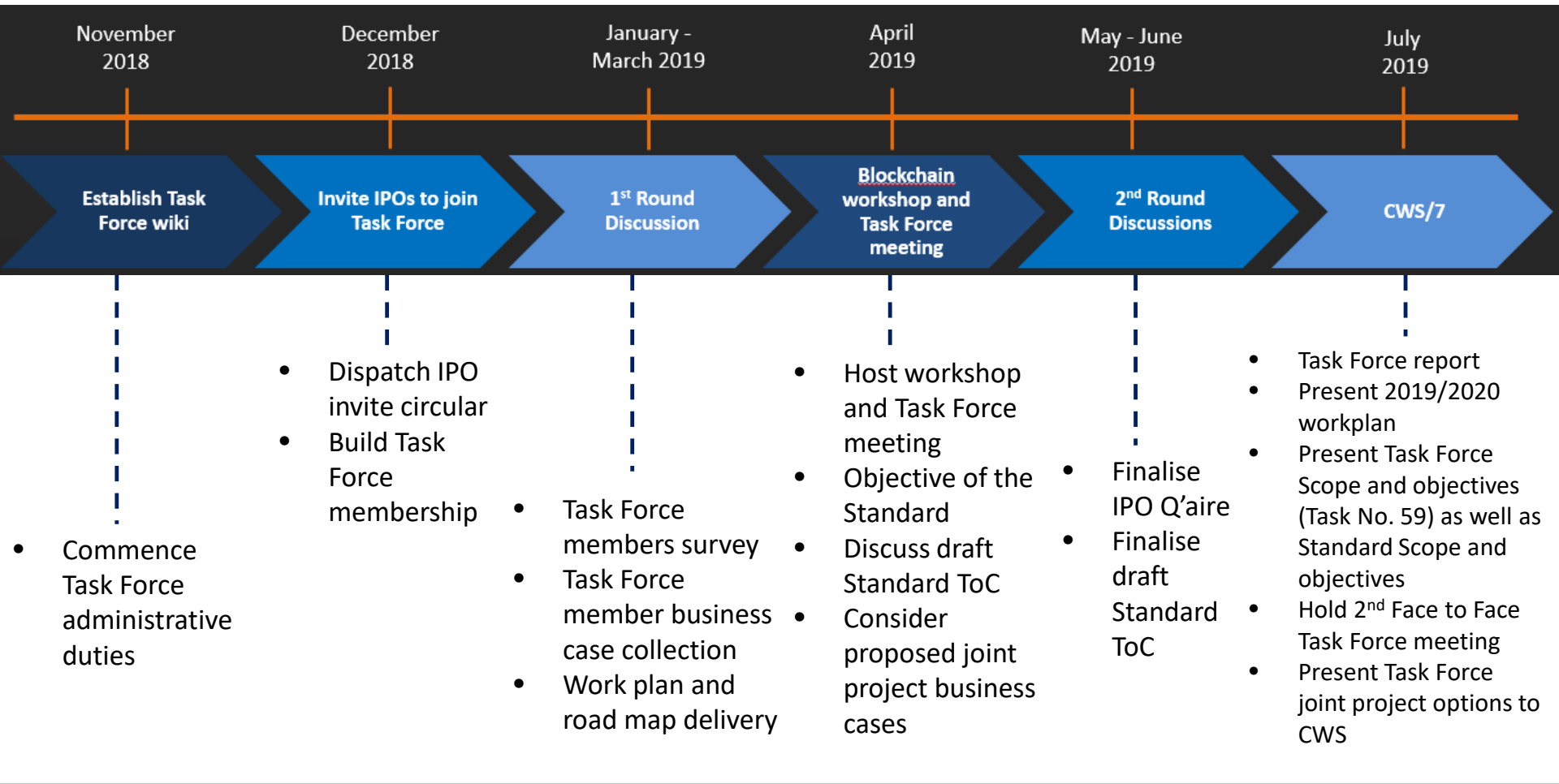


Task Force Roadmap





2018/2019 Workplan





Task Force Members Survey

1. What areas do you consider blockchain to be a high value opportunity or potential threat in the field of IP
2. Blockchain related activities within your organization
3. Blockchain related activities within your jurisdiction
4. Objectives of the blockchain standard considering potential scope items listed below:
 - Scope Statement:
 - Terminology and Definitions
 - Technologies
 - Data
 - Participation
5. Suggestions on joint project across IP Offices



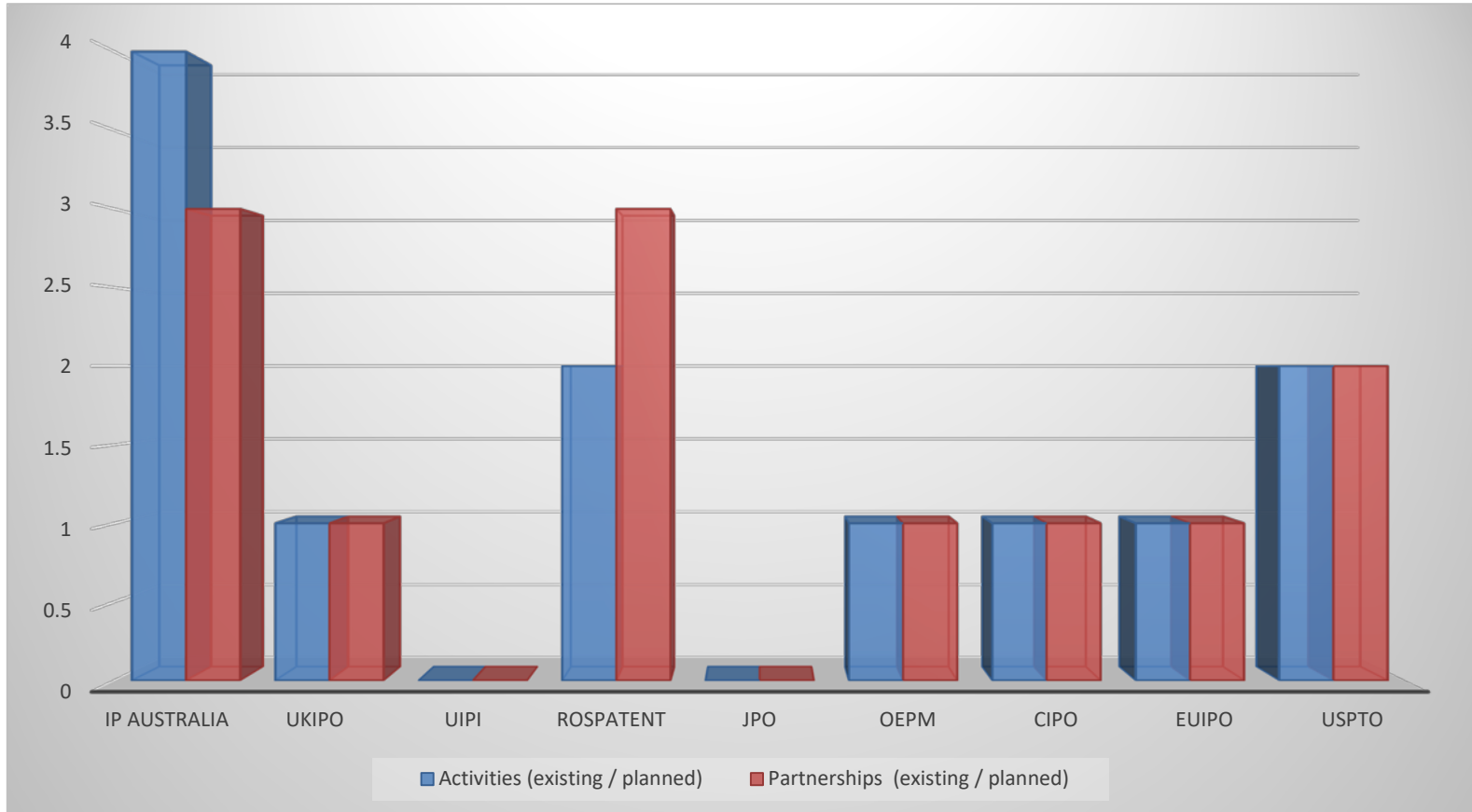


What areas do you consider blockchain to be a high value opportunity or potential threat in the field of IP?





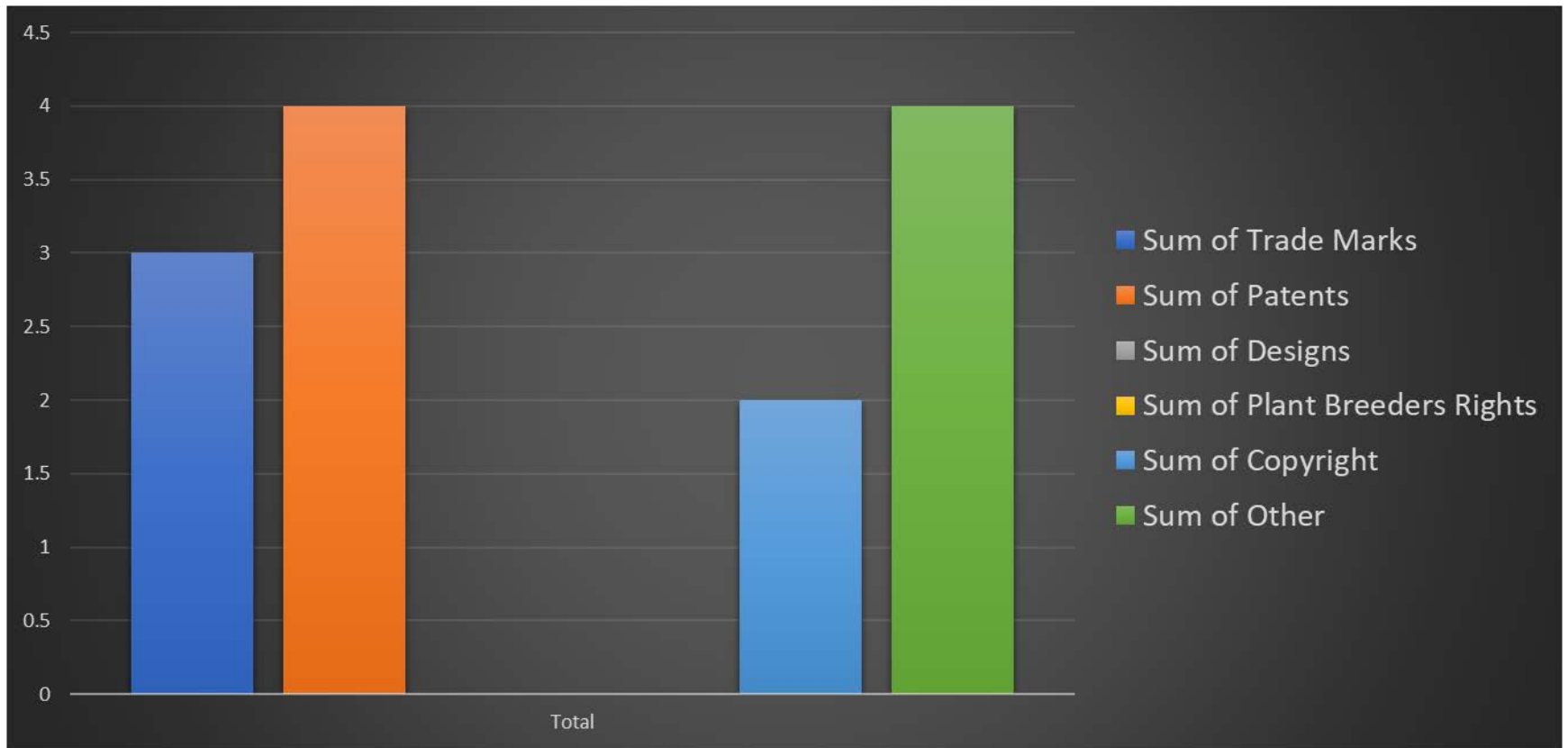
What Blockchain related activities are occurring within your organisation?

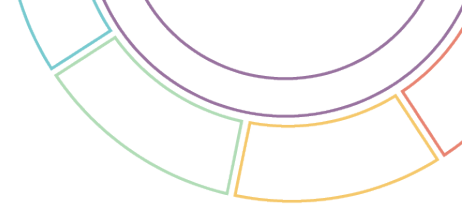


Note: Data includes Proof of concept, partnerships and prospective partnerships



Activities by IP right type





Suggestions on joint projects across IP Offices?

Brand patent
information
Patents legal status JP highway
security blockchain enhancement through
Customs info
Decentralized
processing Trade Right Copyright
force Straight Border PPH Marke
Exchange prosecution
licensing priority

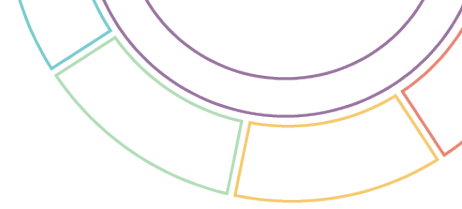


Standards scope statement and potential objectives

This Standard aims to guide the Intellectual Property Offices (IPOs) and other Organizations that need to manage, store, process, exchange and disseminate IP data using Blockchain. It is intended that by using this Standard, the development of Blockchain can be simplified and accelerated in a harmonized manner and interoperability among IP Offices.

Draft Standard Objectives

1. For Intellectual Property Offices and other organisations to manage, store, process, exchange and disseminate IP data using Blockchain in a standardised reusable manner.
2. To ensure that Industry best practice is followed and leveraged wherever applicable
3. To establish a common technology framework to support IPO blockchain advancement and concurrent interoperability.
4. A common practice and use of terminology to support collaboration and blockchain initiatives



Candidates for Standardisation

- Standards Australia - NFTA proposal
- ISO/TC 307, Blockchain and Distributed Ledger Technologies
- The priority order for standards development activities relating to blockchain:
 - Terminology
 - Privacy
 - Governance
 - Interoperability
 - Security
 - Risk



International
Organization for
Standardization



STANDARDS
Australia





Candidates for Standardisation (2)

Terminology and Definitions

- Vocabulary dictionary
- Glossary of terms

Technologies and Interoperability

- Platform
- Security
- Types e.g. Smart contracts
- Coding language

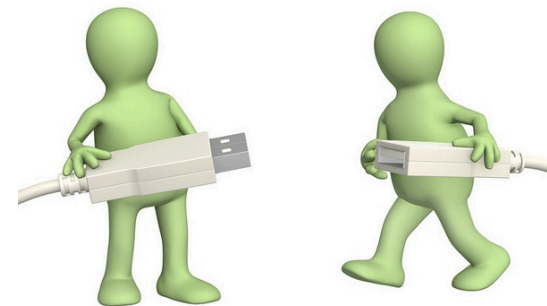
Data

- On chain or off the chain
- OPI or non-OPI
- WIPO Standards e.g. ST.3

Participation

- Governance
- Consensus
- Identity management
- Public, Private, Permissioned

Standard provides reference models and business cases for application





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Contact us

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