



Standardization Process

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Bureau of Indian Standards

“National Standards Body of India”



Promote Harmonious development of the activities of Standardization, conformity assessment and quality assurance of goods, articles, processes , systems and services and for matters connected therewith or incidental thereto



Bureau of Indian Standards (BIS)

1947

Indian Standards Institution (ISI)

2016

Bureau of Indian Standards (BIS) Act 2016

1986

Bureau of Indian Standards (BIS) Act 1986



BIS – Core activities

- Standards Formulation
- Conformity Assessment
 - Product certification
 - Self declaration of conformity
 - Hallmarking
 - System Certification
- Testing
- Training



Standards Development

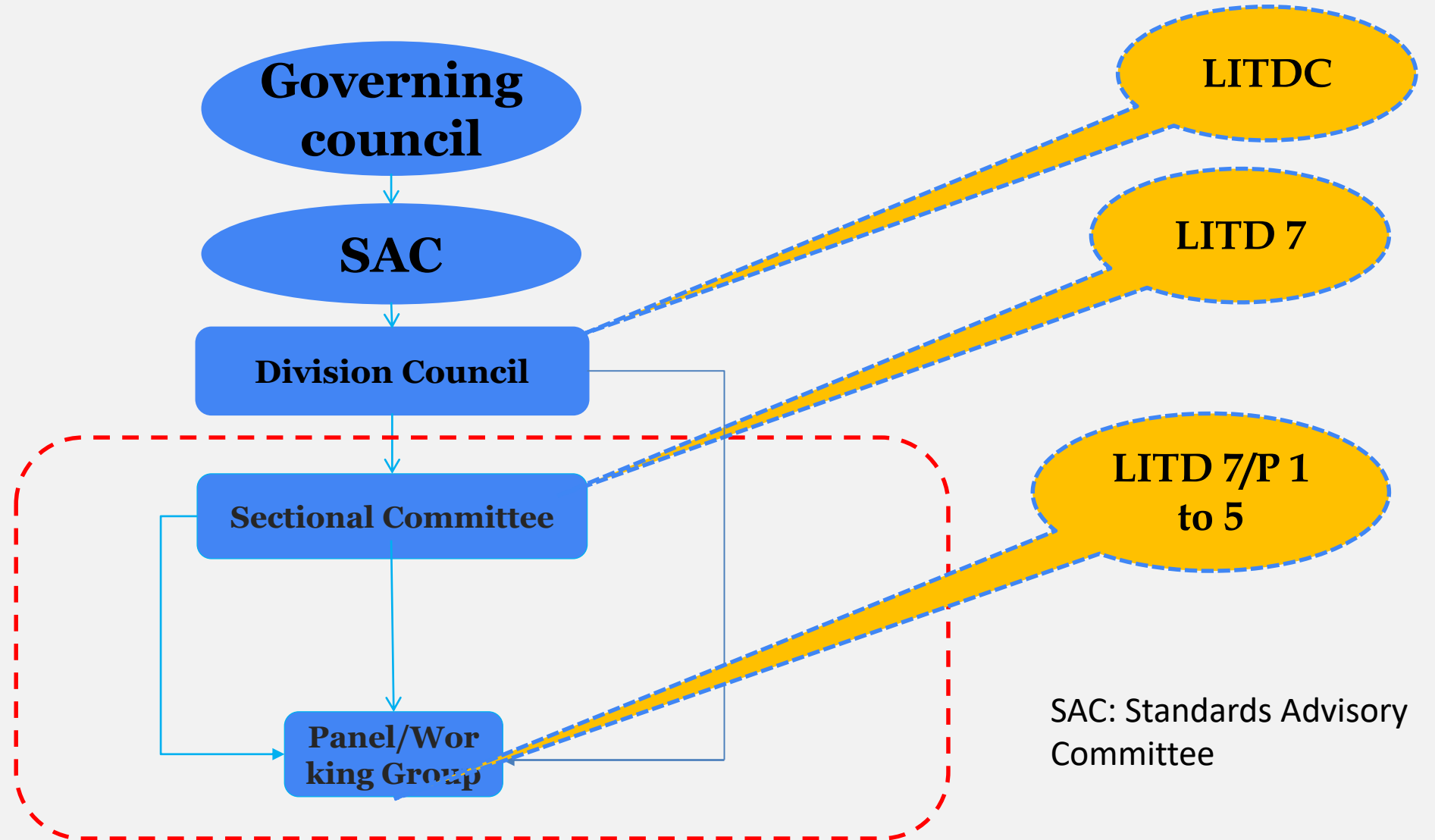


Standards Formulation

- National Standards are formulated based on the concept of Consensus by the Division Councils and the Sectional Committees under it.
- There are 17 Division Councils presently covering almost all the field of activities.
- LITDC(Electronics & IT Division Council) is responsible for formulation of Indian Standards in Electronics & Information Technology field.



Standards Formulation Structure





National Standards are formulated based on the concept of Consensus through meetings by the Division Councils and the Sectional Committees under it.



Stakeholders

- Government
- Regulators
- Industry
- Laboratories
- Research & Developments
- Consumers
- Individual experts
- Academia

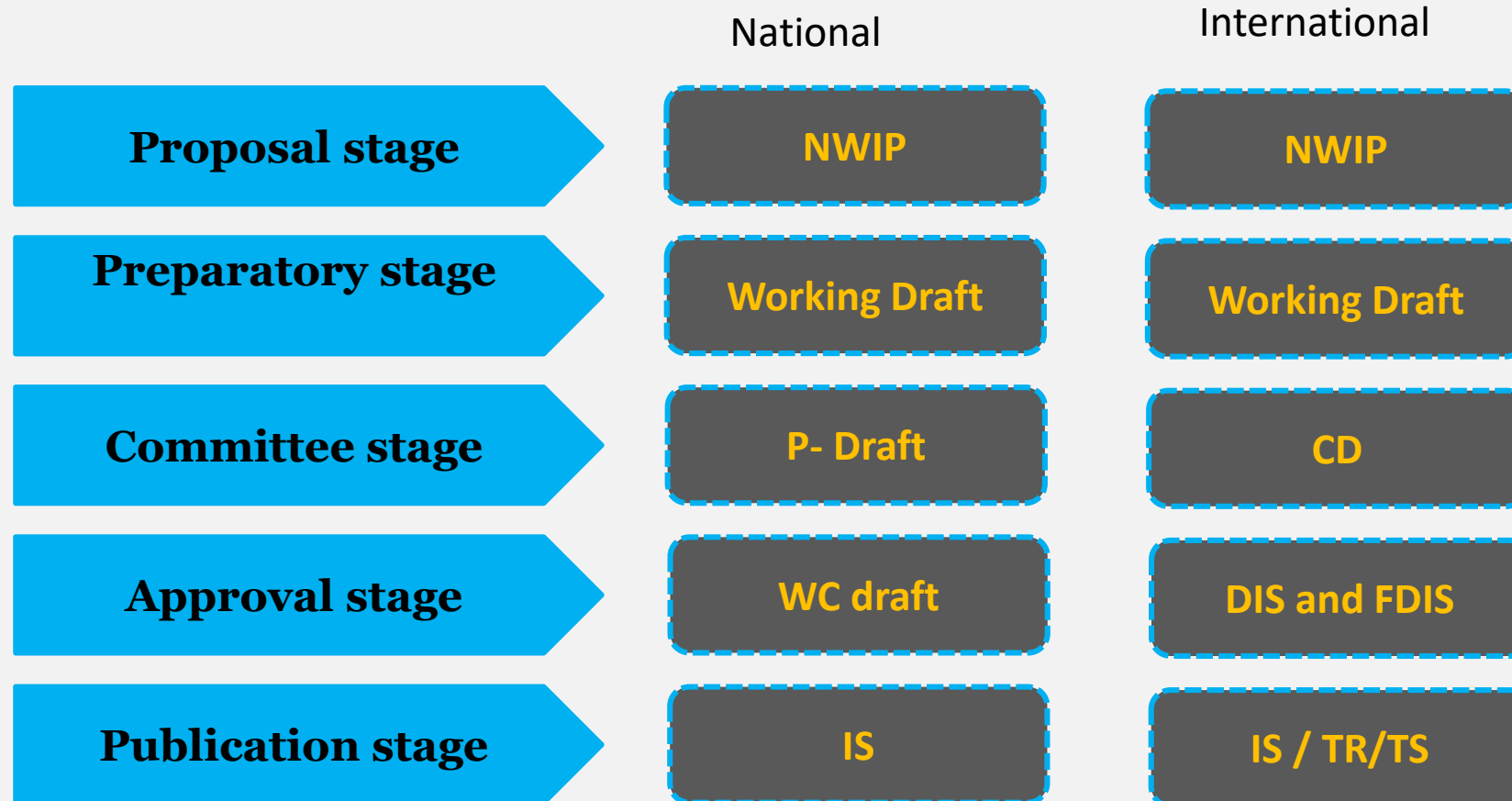


Standards Formulation - Process

- Development of Indian Standards (Indigenous Standard)
- Adoption of International Standards as Indian Standards (Technically Equivalent, Identical)



Standard Formulation Process



NWIP : new work item proposal, P- Draft : Preliminary draft, CD : Committee draft , DIS : Draft International Standard, IS : Indian/International Standard , TR : Technical Report , TS : Technical Specification



Standards Formulation - Process

- Proposal – Indigenous or already existing international standard – by Committee or any individual/organization
- Approval of subject by Committee
- Working Draft preparation by Panel/Working Group
- Preliminary Draft (P- Draft)/CD – circulated to Committee members for comments
- Comments discussed & resolved in respective meetings
- Wide Circulation Draft (WC –Draft)/DIS/FDIS – to all possible stakeholders
- Comments resolution and finalization
- Publication of IS

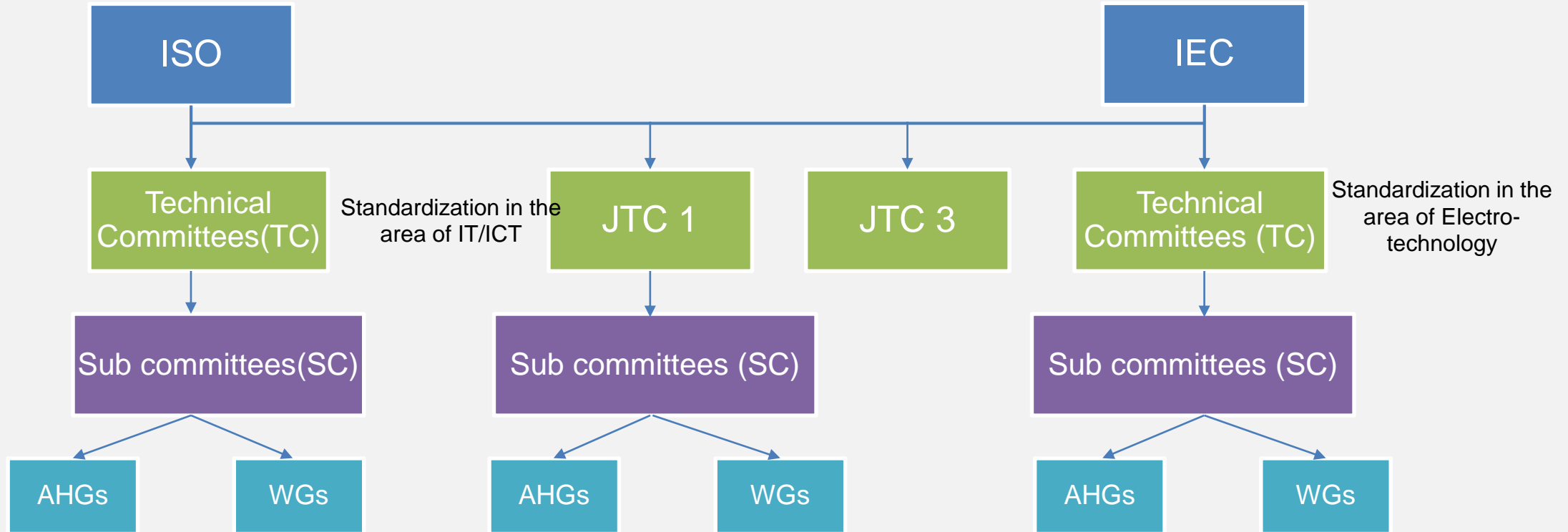


Participation in International Standardization Process

- Sectional Committees under LITDC act as National Mirror Committees for the corresponding ISO/IEC Technical Committees and Subcommittees
- Nominate Experts at Working Group level, where working drafts for International Standards are prepared
- Send comments on documents at proposal stage (NP/NWIP), committee stage (CD, CDV) and approval stage (DIS, FDIS)
- Propose new subjects for formulating international standards
- Provide Chairperson, Convener, Editor, Co-editor
- Undertake Secretariat Work
- Host Meetings



Structure of ISO/IEC committees





Standardization is collaborative effort, *organizations willing to contribute* in standardization may submit their request at
https://www.services.bis.gov.in/php/BIS_2.0/eBIS/

There is **no membership fee**, all you had to do is to provide your regular inputs.



Thank you