

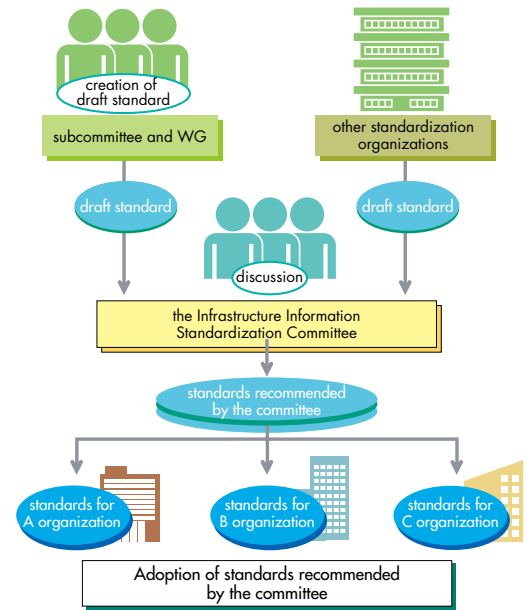
(1) Standardization Activities

Development and promotion of information standards in the construction field

It becomes more important to make standards and construct information infrastructures for exchanging and to secure the interoperability between systems as information and communication technology progress.

JACIC, through the Infrastructure Information Standardization Committee, promotes standardization of Information mainly on those which influence multiple domains of construction where computerization is actively proceeded.

Promotion and adoption of the committee standards



(2) Standardization Committee

Role of the Infrastructure Information Standardization Committee

The Infrastructure Information Standardization Committee was established in “2000 responding the proposal by the “Standardization Vision on Construction Information”. The Committee is responsible to harmonize various existing standards, to develop new standards, and to promote and disseminate them under “Three-year Plan for Promotion Standardization on Infrastructure Information”. Many of the Standards by the Committee become national Standards.

Major achievements

Major achievement for the first to the fourth three-year plan (FY 2001 to FY 2012) are followings:

- Electronic delivery standard manuals and guidelines
- Standard for linking digital map with CAD data
- Completion of the two-dimensional CAD data exchange standard
- Standard functional requirement for Information sharing system during construction period
- Expansion of electronic delivery standard manuals and guidelines to flexibly apply to local governments.

Coordination with International Standard

While collecting information on domestic and international standardization in the construction field, JACIC participates in international meetings including ISO, and provides information related to our standardization activities. Moreover, JACIC is promoting cooperation with a related standardization organization (ISO, IFC, etc.).

Present activity of the Infrastructure Information Standardization Committee

The Infrastructure Information Standardization Committee started to discuss following new themes invited from public, in order to cope with recent new social condition since 2013. Those themes are discussed in each subcommittee.

Moreover, the Special Committee for the theme to be a quick response was established in 2015. The present theme of the Special Committee is handling of the 3D data related to CIM.

Structure of the Infrastructure Information Standardization Committee (2017)

