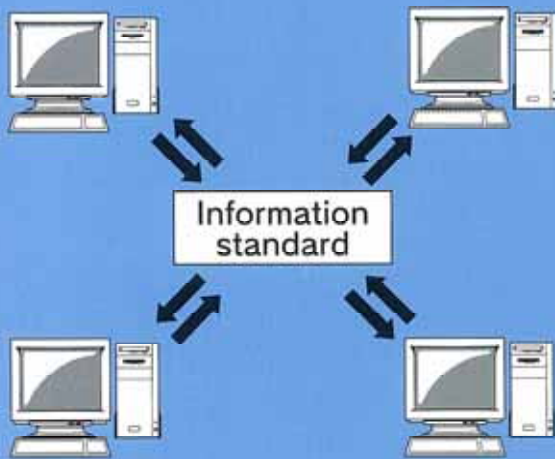


# 4

## Standardization



To date, the JACIC has been striving for the standardization of construction information in various forms. Some of achievements include the GIS system for administrative affairs and a standard cost estimation system for construction works.

Today, driven by highly-advanced information and telecommunication technologies, networks are being increasingly used in various fields, particularly as we approach the age of broad band. Under such circumstances, it is vital for information to be portable and importable among all systems, and freely linkable/accessible (standardization) is of vital importance.

The JACIC is determined to play a key role in promoting and the standardization of construction information to be fully prepared for the advancing digitization of information.

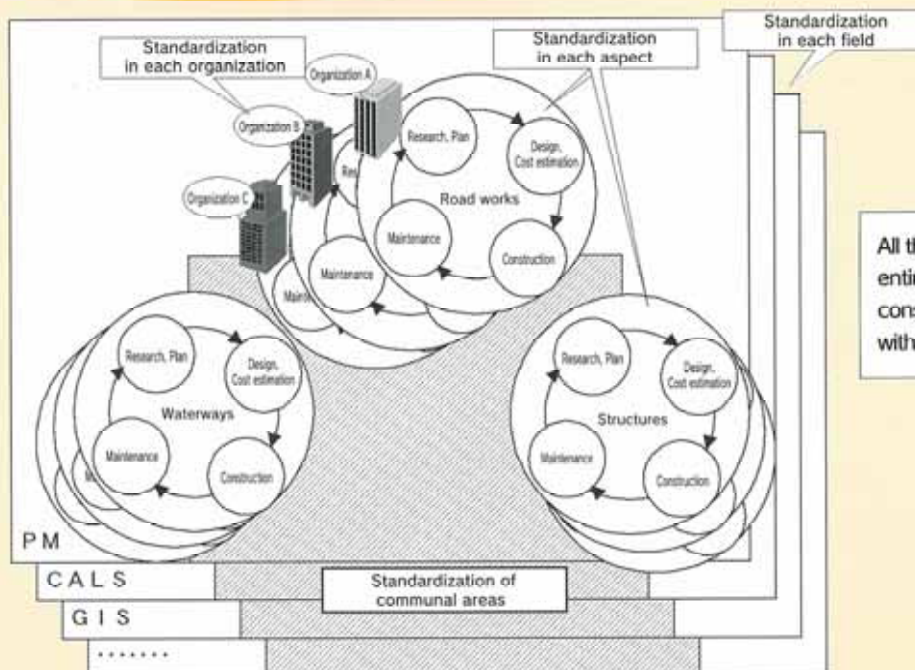
If some technique or process is found appropriate for standardization during the information digitization efforts in various construction fields, the JACIC will extend support for its standardization through the activities of the Construction Information Standardization Committee.

### Construction sector Information Standardization Promotion Program

The JACIC has formulated a three-year standardization promotion program under the supervision of the Construction Information Standardization Committee. The program, started from fiscal year 2001, intends to review the production systems involved in public works from the viewpoint of lifecycles, obtain important information that can be repeatedly utilized, and then recommend them for standardization.

For example, the location tracking method for information will be standardized in accordance with the internationally-recognized geographic information standard so that the information delivered and stored as electronic data can be searched, referenced, and reused on an electronic map. Also, drawings that constitute the core of construction information will be standardized based on the international standard so that the data can be interchanged between different types of CAD systems. Also, an interchange standard will be developed to incorporate land survey results into a CAD design system.

### Schematic flow for Standardization of Construction-related Information



- Standardization of communal areas will create:
- ① Basis for trouble-free distribution of electronic data
  - ② Integrated user environment for electronic data