

For a Data Powered Society



一般社団法人 社会基盤情報流通推進協議会
Association for Promotion of Infrastructure Geospatial Information Distribution

Prospects

We are now able to obtain a variety of national land information and public facilities data, as well as related real world social infrastructure data (e.g. forests, weather, airports, harbors, roads and rivers), which have been supplied by the National and Local governments through websites and information disclosure.

On the other hand, due to various regulations and factors, such as those of provision, update frequency, licensing and so forth, in order to provide user-friendly service, the speed of obtaining data, cost minimization, and clarification of data quality will be issues going forward. Although the effort to improve data distribution began gradually, the method of distribution often differed according to the type or set of data. The demand became greater for private firms, universities and others to participate in an open style, as did requests to take measures to reduce the burden on data providers.

In view of these issues, we have to build a framework for sustainable and practical operation using ICT to satisfy the technical and organizational requirements of data distribution, as well as identify major causes and issues impeding distribution.

For these reasons, we established the organization of 'Association for Promotion of Infrastructure Geospatial Information Distribution (AIGID)' in September 2011. It is a Public/Private/Academic consortium established with the aim of improving the social infrastructural information environment for the collection, distribution and efficient use of geospatial data.

Our initial goal was to encourage the sustainable promotion of an improved distribution environment for social infrastructural information. For further development, AIGID was established as a private entity and later became a general incorporated association in April 2014.

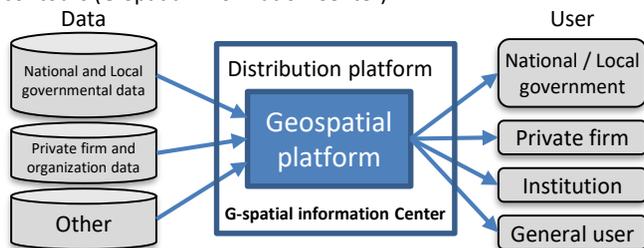


Representative director:
Yoshihide Sekimoto

Project overview

1 Development of distribution platform and operational support for social infrastructural information.

Our aim is to reliably provide social infrastructural information (including geospatial information) by building and operating the necessary environment for information distribution. We also define the functional requirements for the social infrastructural information distribution platform (Geospatial platform), and examine sustainable business models and operation body contours (G-Spatial Information Center).



2 Collection, processing, storage, analysis and distribution of social infrastructural information

This project collects, processes, stores, analyzes and distributes social infrastructural information created and provided by various types of bodies such as National / local governments, and private firms. To provide this data, we organize and review data categories, ways of providing data, and terms of use.

<Examples of accessible data>

- Data from National and Local government, private firm
- Static and dynamic data
- Purchasing and free data

<Examples of distribution methods>

- Download
- Provide API

We also develop new data from existing data with processing and analysis.

3 Promotion of social infrastructural information distribution and efficient use.

This project aims to revitalize and stabilize the social infrastructural information market with technical support, and by providing an environment (system and data).

Social infrastructural information includes geospatial information provided by local areas (mainly local governments).

For resolution of local public issues, we support the Urban Data Challenge (UDC) project.

UDC is a year-long, open to the public contest for the resolution of local public issues based on public data from local government.



4 Research and development, standardization

• Association with the donation grants sector of The University of Tokyo.

AIGID undertook research and development with *Next-generation Management of Infrastructure Data in the Center for Spatial Information Science the University of Tokyo* (CSIS-i). The aim was greater efficient use and effective distribution of social infrastructural data. AIGID has been associated with CSIS-S4D (a strengthened and reorganized Global section of CSIS-i) since 2016.

<Theme of research>

Research of the efficient use of outer space and geospace.

Association with the overseas taskforce and achieving global expansion
Nationwide expansion, such as the Urban data challenge (UDC)

• Clarify rules for the efficient use of social infrastructural data.

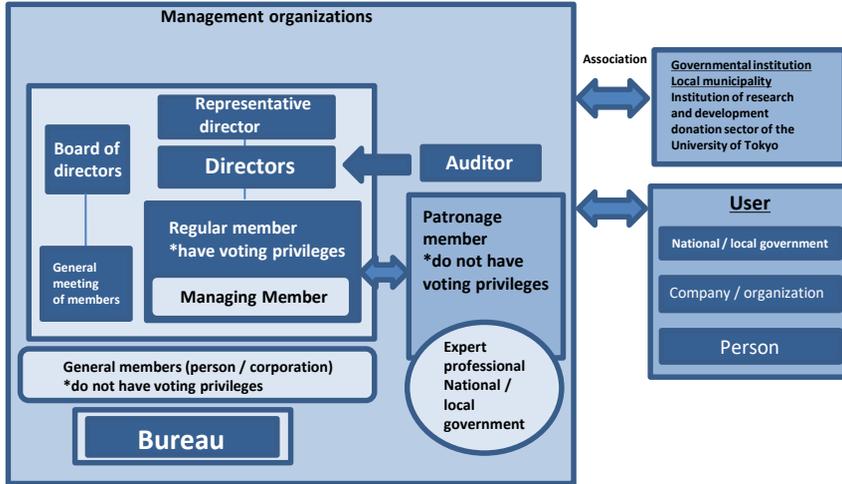
Confirmation of secondary use procedures for business use of public survey data that has employed the System to Remove Gray Zone Areas promoted by METI.

<For more information>

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Organization and members (as of 7th Jul 2017)



Participated (as of 7th July 2017)

※Excluding general members (person) and patronal members

Managing Member (regular member)

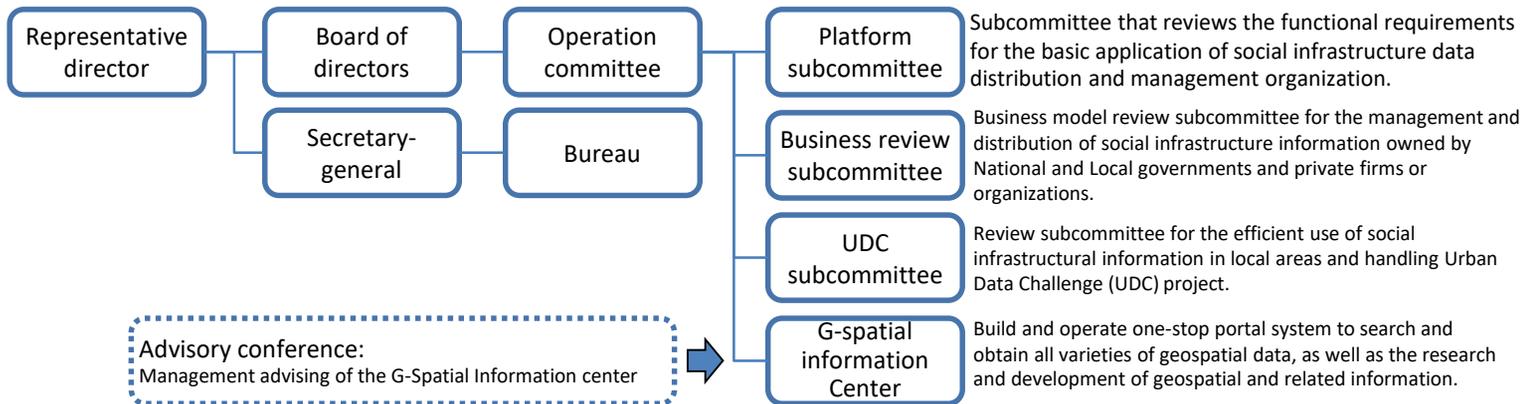
AERO ASAHI CORPORATION	ZENRIN CO., LTD.
ASIA AIR SURVEY CO., LTD.	CHODAI CO., LTD.
Esri Japan Corporation	PASCO CORPORATION
NTT GOESPACE CORPORATION	NIPPON KOEI CO., LTD.
Value Management Institute, Inc.	NTT DATA Corporation
CTI Engineering Co., Ltd.	
KOKUSAI KOGYO CO.,LTD.	and one other company

General Corporate Member

KOZO KEIKAKU ENGINEERING Inc.	Indigo Corporation
AOI Kogyo Co. Ltd.	Mitsubishi Research Institute, Inc.
Acreeg Corporation	Information Services International-Dentsu, Ltd.
Nakanihon Air Service CO.,LTD.	INCREMENT P CORPORATION
JIPDEC	

Management structure

Led by the representative director, the three subcommittees and the G-spatial information Center review and promote each project.



Topics

UDC project throughout Japan!

'Urban Data Challenge (UDC)' is a year-long, open to the public contest for the resolution of local public issues based on public data from local government.

Begun in 2013 and continued every year since, we have gradually promoted and expanded the project nationwide through various events and activities.

We welcome sponsor companies for this project. Please access the website <http://urbandata-challenge.jp/> and contact the managing office.

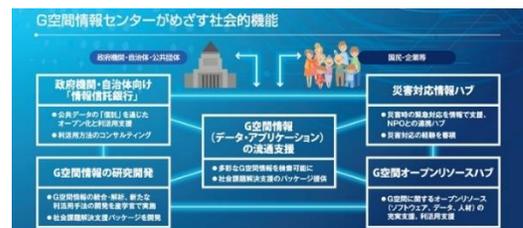


Photo of an event at a local base point in UDC2015.

Fundamental infrastructure for a 21st century 'G-spatial Information Center'

The G-Spatial Information Center (managed and operated by AGID, center director Ryosuke Shibasaki) was established in accordance with the Basic Plan for the Advancement of Utilizing Geospatial Information and related documents, approved by the Japanese Cabinet in March 2012.

The G-spatial Information Center began operating on November 24th, 2016 in order to implement a one-stop data download system, as well as the collaborative use of various data, and value creation that transcends the walls between public, private and academic institutions.



<G-spatial information Center> <https://www.geospatial.jp/>