

For a Data powered society

**Association for
Promotion of Infrastructure Geospatial Information Distribution**

Urban Data Challenge (UDC)

Urban Data Challenge 2017



'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. In fiscal year 2017, 40 local base points (prefectural blocks) are set to become facilitators for the nationwide distribution and efficient use of geo spatial information.

UDC is a project operated by Association for Promotion of Infrastructure Geospatial Information Distribution (AIGID) since 2013. UDC project aims to encourage the use of open-data, and big data development for the resolution of public issues with geospatial data through discussion and knowledge experience workshops.

【Purpose of UDC】

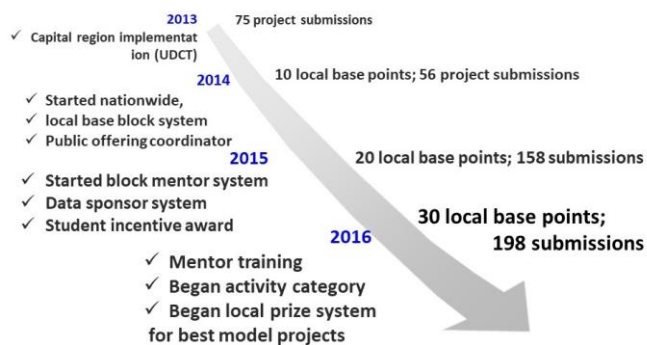
Resolution of local public issues : PDCM

- (1) **Place** : To expand opportunity for local key persons and local base points, and provide financial support and assistance for activities.
- (2) **Data** : Improve quality and amount of open-data related to local areas.
- (3) **Collaboration** : 'Multifaceted' collaborations among of people who have specialized skills in engineering and design.
- (4) **Mentorship** : Support the first steps toward the efficient use of Social infrastructural information and open-data.

Activities

Contest

We held a contest for the resolution of local public issues through the proactive use of efficient tools, ideas, data sets and more. The number of submissions is increasing every year, reaching 198 submissions in 2016.



Civic Tech Goes Nationwide!

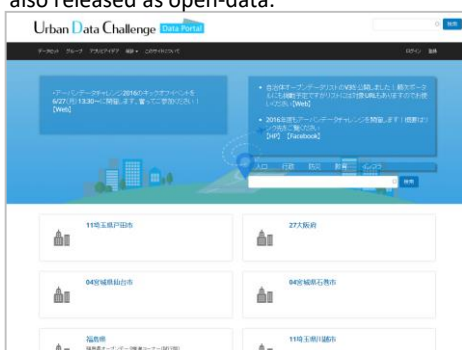
Local base activity

Hosted mainly by local base coordinators, events like Ideathons, Hackathons and walk around events at local base points throughout Japan will identify potential local issues, come up new ideas for solutions and development tools.



Data providing website

On our website, we provide primarily local government open-data made available through the Creative commons license. The open-data list made during the research phase is also released as open-data.



Collaboration

To expand contest submissions we held events to link influential data providers and local base points.



Conducted workshops using data collections from National Diet Library and others.

Route search option and related provide data, Held data workshop

NAVITIME



Open government promotion council

Local base point participation in planning for a special context prize

<Website> <http://urbandata-challenge.jp>

<Facebook> <https://www.facebook.com/UDCT2013>

Contact us: Urban Data Challenge bureau udc-office@aigid.jp

History of UDC

Urban Data Challenge 2013

UDC's effective data use contest for the resolution of local public issues began in 2013. The theme of the first workshop UDC 2013 was disaster prevention and tourism, which generated a healthy exchange of ideas for contest submissions.

Local base point: N/A , 75 project submissions

Prize winner (Gold prize only)

Application category: AED SOS

Data category: Trespassing and larceny in the Hachioji-city data period Apr to Nov 2013

Idea category: Intuitive evacuation guidance

Urban Data Challenge 2014

As the original project area of the Capital region was set for nationwide expansion, the local base point system was launched. UDC2014 centered on 10 local base points for identify and resolving public issues.

10 local base points, 56 project submissions

Prize winner (Gold prize only)

Application category: Sapporo nursery school map

Data category: N/A

Idea category: JIJIBABA(old people) watch

Solution category: Muroran Local Wiki.5374(zero garbage).jp

Urban Data Challenge 2015

Local base points increased to 20; local government became active in providing open-data.

At UDC 2015, to encourage independent access of local base points we launched the mentor system, held base point networking conferences and more. These changes raised submission significantly and expanded activity nationwide.

20 local base points, 158 project submissions

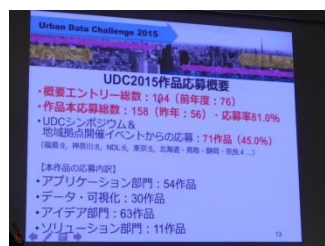
Prize winner (Gold prize only)

Application category: viewing tool of Hokkaido statistics 'SESEKI'

Data Category: 'TRAPO'—traffic volume data measuring system

Idea category: 'KODO project'—Aiming for a gender-equal society through labor pain diaries

Solution category: Unraveling the Tama river area through photos; Develop and distribute of geotagged photo data in Aizuwakamatsu-city



Urban Data Challenge 2016

For UDC 2016, increased the number of local base points to 30. Engagement with local areas became more customized.

Mid-term reporting provided a forum for interregional discussion and promoted the appeal local areas by gathering specialty souvenirs.

Provided a local prize system for good model projects, chose Gifu-block for the 'newcomer's award,' and Ishikawa- block for the best local base point award.

30 local base points, 198 project submissions

Prize winner (Gold prize only)

Idea and application category: N/A

Activity category: Noto Not Alone

Data category: From personal data to open-data—a 'Basic resident register data anonymized to create open-data!!'



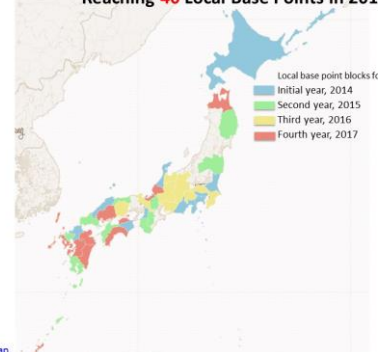
Urban Data Challenge 2017

UDC 5th year in 2017 saw the placement of 40 local base points. In addition to steady nationwide expansion, UDC 2016 stressed vitalizing existing local base points and strengthening expansion within local areas. To encouragement distribution of geospatial data, we will launch a sponsor program.

Schedule of UDC 2017

Jul 3 Monday, 2017	Kick off symposium	Dec 22 Friday, 2017	Due date of outlines
Nov 24 Friday, 2017	Interim report symposium	Jan 26 Friday, 2018	Due date of project submissions
		Feb 24 Saturday, 2018	Feb 24 Saturday, 2018

Reaching 40 Local Base Points in 2017!



Mapped by CARTO
<http://bit.ly/udc2017map>