

# About

Asia Open Data Challenge was organized for the first time in 2015 with the aim of solving common challenges by leveraging open data in Asia.

At this year, **Japan-Vitalizing Local Economy Organization by Open Data & Big Data, Korea- National Information Society Agency, Taiwan- Industrial Development Bureau, Ministry of Economic Affairs, and Thailand-Digital Government Development Agency, organized the 5th year** for this international competition, participants seek to address challenges under the theme of “**Smart Life**” by making use of [open data](#) in Japan, Korea, Taiwan, and Thailand.

## Guideline

### Who can join?

Those first-timers and non-engineers are all welcome!

We are waiting for not only engineers but data scientists, designers, planners and directors,..... Everyone is welcomed!

Each team must be composed of **2-5 members**.

The application should not already launch product or any award.

### Works Specifications

-Team can choose between **Head Category, Enterprise Category, or both (but can choose only one company from Enterprise Category)**.

-Team should create one workable application that **MUST** use government open data from your country and from at least one other country, and mix with other data.

-Team should make their work (including document, presentation material, videos, data usage...etc.), and upload to [registration](#).

-Teams **MUST** build a **working MVP (Minimum Viable Product) and can be live demo on site**.

### Judge

Each country and enterprise will have 3 judges to score the applications. Each countries' and enterprise's judges will pick up 1 winning team for each country or enterprise on Aug. 30.

## Schedule

Agenda	Deadline
Online Registration	(Mon.) 05 Aug
Online Preliminary Selection	(Fri.) 16 Aug
Final Competition*	(Fri.) 30 Aug
Award Ceremony	(Mon.) 7 Oct

### Final Competition\*:

**Teams who advance to the Final Competition will presentation via live streaming** with total online presentation time: 7 minutes.

4 minutes for presentation and demo, 1 minute for judges ask questions, and 2 minutes for teams answer

## Agenda for Final Competition (Aug 30 GMT+8)

Time	Process
13:00~13:30	Opening and speech for each partner
13:30~13:45	Opening Speech for each enterprise
13:45~14:00	Introduce judges
14:00~16:00	Presentation
16:00~16:30	Judge Meeting (Final Voting)
16:30~17:00	Judge Comment & Award Ceremony
17:00~17:20	See you next year!

## Prizes

<b>Invincible Award</b> (Head Category - Afford by Each Country)	<b>Invincible Award:US\$2,000 and certificate</b> Winning Teams will be awarded at 2019 AODP Summit in Japan. (Each country will provide two round trip tickets for their winners, one representative from each team) Each country will have Invincible Award
<b>Superb Award</b> (Enterprise Category - Afford by Each Enterprise)	<b>Superb Award: US\$1,500 and certificate</b> Additional Award which is created by each enterprise. Winning enterprise will be awarded at 2019 AODP Summit in Japan. (Each enterprise will provide two round trip tickets for their winners, one representative from each team)

<b>Teams' Choice Award (Afford by Each Country)</b>	Teams' Choice Award: US\$300. Each team can only vote for other team, and will be only one team for each country.
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## Criteria

Evaluation Criteria	Description	Weighting
<b>International Open Data Usage and Utilization</b>	How widely and deeply the application used open data, including the open data sets from Japan, Korea, Taiwan, Thailand, and extend to other data sets, and also how the application utilize them.	30%
<b>Creativity</b>	Does the application is innovated and full of creativity?	20%
<b>Technical Difficulty and Application Value</b>	Does the application have innovated technique and the functions also practical? If the application solve the problem properly?	25%
<b>Business viability</b>	Does the application apply to any supply and demand in the market? Can it clearly describe business activities, for example, purchasing process, business matching process, etc.?	25%

## Theme

### Head Category

#### Theme: Smart Life

Utilize open data to create some innovative service, in order to improve quality of life. Please also consider **business opportunities** of this service.

Sample Questions (Please note: teams can also create their own mission or question)

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- How open data can improve public sector performance?
  - How open Data Helps Create Smart life for Disabled person?
  - How can we use open data for the smart city?  
(Smart city aims to make the city 'smarter' for the purpose of resolving various problems found in the city, in terms of traffic, environment, housing, and facilities.)
  - How to use open data for smart infant care?
  - How open data to improve the health care service and convenient international Medicare system?
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- How can we use open data for smart consumers?
  - How can we use open data for smart job matching? (To solve the problems of job mismatching.)
  - How to improve your work style with technologies and open data to realize better QOL?
  - How to utilize the open data to spread diversification of work style and the Future of work?
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## **Enterprise Category**

### **HERE technologies**

HERE Technologies is a company that provides mapping and location data and related services to individuals and companies.

They will provide the special award to a team that utilizes their API.

On the domestic hackathon event in Japan, HERE engineers and Sabrina, Head of the Data Acquisition and Community for North Asia will come to Shibuya venue and will support our teams.

HERE technologies Problem:

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- How to use Open data for better transportation scheduling?

Here APIs and SDKs <https://developer.here.com/>

## **Enterprise Category**

### **WeatherRisk**

WeatherRisk was founded in 2003, which is the first and largest weather company in Taiwan. We provide total weather solutions include MetOcean services, disaster prevention, media, lightning proximity alerts, customized forecast and professional services.

### **GIGABYTE**

Become one of the IT industry leaders: Provide the leading IT product and best service; meet and surpass market expectations through research and development of core technologies, product design innovations, and quality assurance.

#### **WeatherRisk & Gigabyte theme:**

How to utilize open data of air condition (such as pollution sources, weather conditions, overseas transmission, etc.) for prediction models to create innovative services for people.

Data Set: <http://opendatachallenge.weatherrisk.com/> (CAMS runs two times a day.)

Recommended Processing Tool: <https://www.cpc.ncep.noaa.gov/products/wesley/wgrib2>

## **Enterprise Category**

### **Microsoft Taiwan**

Microsoft is committed to digital transformation of the intelligent cloud and intelligent

edge era. Its mission is to help everyone and every organization in the world achieve more and achieve greater success.

#### **PChome Online**

PChome Online, Taiwan's Leading Internet Company started E-commerce business model since 2000 by established online shopping platform consolidate suppliers, product information, cash flow and customer service, providing consumer great experience with lower price and satisfying quality.

Microsoft Taiwan & PChome Online theme :

How to apply data to create a full channel of O2O sales and maximize regional economy.

## **Open Data Websites**

<b>Country</b>	<b>Website</b>
Japan	<a href="https://www.data.go.jp/?lang=english">https://www.data.go.jp/?lang=english</a>
Korea	<a href="https://www.data.go.kr/">https://www.data.go.kr/</a>
Taiwan	<a href="https://data.gov.tw/">https://data.gov.tw/</a>
Thailand	<a href="https://data.go.th/default.aspx">https://data.go.th/default.aspx</a>

## **Contact**

Please contact us by

2019 Asia Open Data Challenge

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