Seven companies announce joint investment in Dynamic Map Planning Co., Ltd.

- Start of development of high precision 3D map data for autonomous driving cars
- INCJ and major shareholders invest a total of 3.7 billion JPY through a third-party share allocation

Tokyo, June 13, 2017 – Innovation Network Corporation of Japan, Mitsubishi Electric Corporation, Zenrin Co., Ltd., Pasco Corporation, Aisan Technology Co., Ltd., Increment P Corporation and Toyota Mapmaster Incorporated (the seven companies) announced today their decision to invest in Dynamic Map Planning Co., Ltd., (DMP), a company which conducts research, development and verification of high precision 3D map data. The seven companies will invest a total of 3.7 billion JPY through a third-party share allocation to promote new business development.

DMP will take this opportunity to change the nature of its business from planning to operating and will relaunch as Dynamic Map Platform Co., Ltd.

DMP was established in June 2016 as a planning company to conduct maintenance, verification and research for management in the collaborative area of high precision 3D maps, which are necessary for the realization of autonomous driving and safe-driving support systems concepts. It was founded through joint investment by electrical machinery, mapping, surveying and automobile companies. Specifically, DMP created data specifications, systems architecture, and data maintenance specifications for actual implementation in autonomous driving vehicles, coordinating and verifying with relevant organizations while conducting a feasibility study on the business prospects of providing "Dynamic Map" on the premise of ever-lasting data maintenance.

Initially, DMP was to operate as a planning company for a two-year preparation period. The decision was made to bring commercialization forward, however, in order to respond quickly to market demand and DMP has now completed its transition to an operating company. DMP will begin preparations for the production of 3D map data for domestic highways and automobile-dedicated roads to be completed by FY2018. Additionally, DMP will strengthen cooperation with road maintenance managers and private logistics companies to achieve efficient preservation and maintenance of basic data. In the future, DMP plans to target ordinary roads both in Japan and overseas.
The introduction of high precision 3D maps is expanding across a broad range of areas including the reduction in traffic accidents and associated casualties, to support mobility for people with transportation limitations, to contribute to the sophistication of autonomous driving cars and safe driving support systems with the objective of alleviating congestion and reducing the environmental burden, for disaster reduction and prevention, and the operation and maintenance of infrastructure. All of these issues are significant social and industrial issues and are expected to contribute to the creation of a next generation road traffic community.

The seven companies, with the cooperation of automobile companies, relevant organizations and stakeholders, will provide the necessary funding for growth and management support through the dispatch of external directors and through the formulation of business strategies and business plans for DMP’s business development, and to ultimately achieve DMP’s company philosophy; “Remodeling of the Earth”.

**About Dynamic Map Planning Co., Ltd.**

Established  June 2016  
Business Outline  Research, development and demonstration of high precision 3D map data  
Provision of high precision 3D map data  
Headquarters  Keikyudai 2 Bldg. 5F, 3-25-23 Takanawa, Minato-ku, Tokyo  
Representative  Tsutomu Nakajima, President  
URL  [http://www.dynamic-maps.co.jp/](http://www.dynamic-maps.co.jp/)  

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1 Dynamic Map Planning Co., Ltd. will transition to an operating company on June 30
About Innovation Network Corporation of Japan (INCJ)

Established July 2009
Headquarters 1-4-1 Marunouchi, Chiyoda-ku, Tokyo
Business Outline - INCJ specifically aims to support next generation industries through the promotion of open innovation and invests in innovative projects
- INCJ has the capacity to invest up to JPY 2 trillion
Legal Basis Industrial Competitiveness Enhancement Act (Act No. 98, 2013)
Representative Mikihide Katsumata, President and COO
URL http://www.incj.co.jp/

About Mitsubishi Electric Corporation

Established January 1921
Headquarters 2-7-3 Marunouchi Chiyoda-ku, Tokyo
Business Outline Development, manufacture and sales of energy and electric systems, industrial automation systems, information and communication systems, electronic devices, home appliances, and others
Representative Masaki Sakuyama, President and CEO
URL http://www.mitsubishielectric.co.jp/

About Zenrin Co., Ltd.

Established April 1961
Headquarters 3-1 Nakabarushinmachi, Tobata-ku, Kitakyushu, Fukuoka Prefecture
Business Outline - Collection and management of a broad range of information which forms the basis of Zenrin’s Integrated Geospatial System, and the production of maps including residential maps, map databases and other content
- Development of software and provision of services related to Zenrin’s Integrated Geospatial System
Representative Zenshi Takayama, President and CEO
URL http://www.zenrin.co.jp/
**About Pasco Corporation**

Established  
July 1949

Headquarters  
1-1-2 Higashiyama, Meguro-ku, Tokyo

Business Outline  
- Collection of spatial information (Surveying and measurement)
  - Modelling of collected spatial information
  - Support for optimization, decision making and risk counter-measures utilizing spatial information
  - Support for land conservation and management, disasters and environmental measures, and infrastructure maintenance management

Representative  
Kenichi Furukawa, President and CEO

URL  
http://www.pasco.co.jp/

**About Aisan Technology Co., Ltd.**

Established  
August 1970

Headquarters  
AT Bldg., 3-7-14 Nishiki, Naka-ku, Nagoya, Aichi Prefecture

Business Outline  
- Design, development, distribution and maintenance of CAD systems for public surveying, registration surveying and the civil engineering and construction industry
  - Entrusted development of analysis software and conversion module for a high precision world coordinate system
  - Research and development business for software used for the maintenance of high precision 3D maps
  - Sales of a Mobile Mapping System (MMS) and high precision 3D measurement business
  - Construction of a high precision 3D map database for automatic driving
  - Support the construction of automatic driving systems and the construction of an environment for demonstration experiments

Representative  
Tetsuji Yanagisawa, President and Representative Director

URL  
http://www.aisantec.co.jp/
About Increment P Corporation
Established May 1994
Headquarters 2-28-8 Honkomagome, Bukyo-ku, Tokyo, 113-0021
Representative Takumi Jinguji, President and CEO
Business Outline Production of various digital content and software starting with digital map data
URL http://www.incrementp.co.jp/

About Toyota Mapmaster Incorporated
Established July 1998
Headquarters Nagoya Mitsui New Building 11F, 1-24-20 Meieki-minami, Nakamura-ku, Nagoya
Business Outline Planning and development of navigation system products
Planning, research, creation, and sales of map data and related data for navigation systems
Representative Shigetoshi Azuma, President
URL http://www.mapmaster.co.jp/

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(Kato, Soga, Kure, Chuetsu) TEL:052-950-7500
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(Fukushima, Tanokura) TEL:03-6629-4814
Toyota Mapmaster Incorporated Technological Development Division (Osaki)
TEL:052-533-8368
**Target:** Dynamic Map Platform Co., Ltd.

**Business Outline:** High precision 3D map data management for autonomous driving

**Total Investment:** 3.7 billion JPY (of which INCJ will invest a maximum of 1.34 billion JPY)

**Date of Announcement:** June 13, 2017

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**Supporting the practical implementation of high precision 3D maps**

**「Remodeling of the earth」**

- Management of cooperative area data, acting as the foundation for high precision 3D maps, necessary for autonomous driving
- Combine high precision 3D map with devices such as cameras, sensors and GPS to achieve advanced control for autonomous driving
- Contribute to solving social issues such as reducing traffic accidents, supporting mobility for people with transportation limitations, alleviating congestion to reduce the environmental burden with the realization of autonomous driving

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*Isuzu Motors, Suzuki, SUBARU, Daihatsu, Toyota Motor, Nissan Motor, Hino Motor, Honda Motor, Mazda, Mitsubishi Motors*