

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.¹

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
Shareholders	Mitsubishi Electric Corporation, Zenrin Co., Ltd., Pasco Corporation, Aisan Technology Co., Ltd., Increment P Corporation, Toyota Mapmaster Incorporated, Isuzu Motors Limited, Suzuki Motor Corporation, Toyota Motor Corporation, Nissan Motor Corporation, Hino Motor Co., Ltd., SUBARU Corporation, Honda Motor Co., Ltd., Mazda Motor Corporation, Mitsubishi Motors Corporation, Daihatsu Motor Co., Ltd. (As of June 2017)
URL	http://www.dynamic-maps.co.jp/

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	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- 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/

Press contacts:

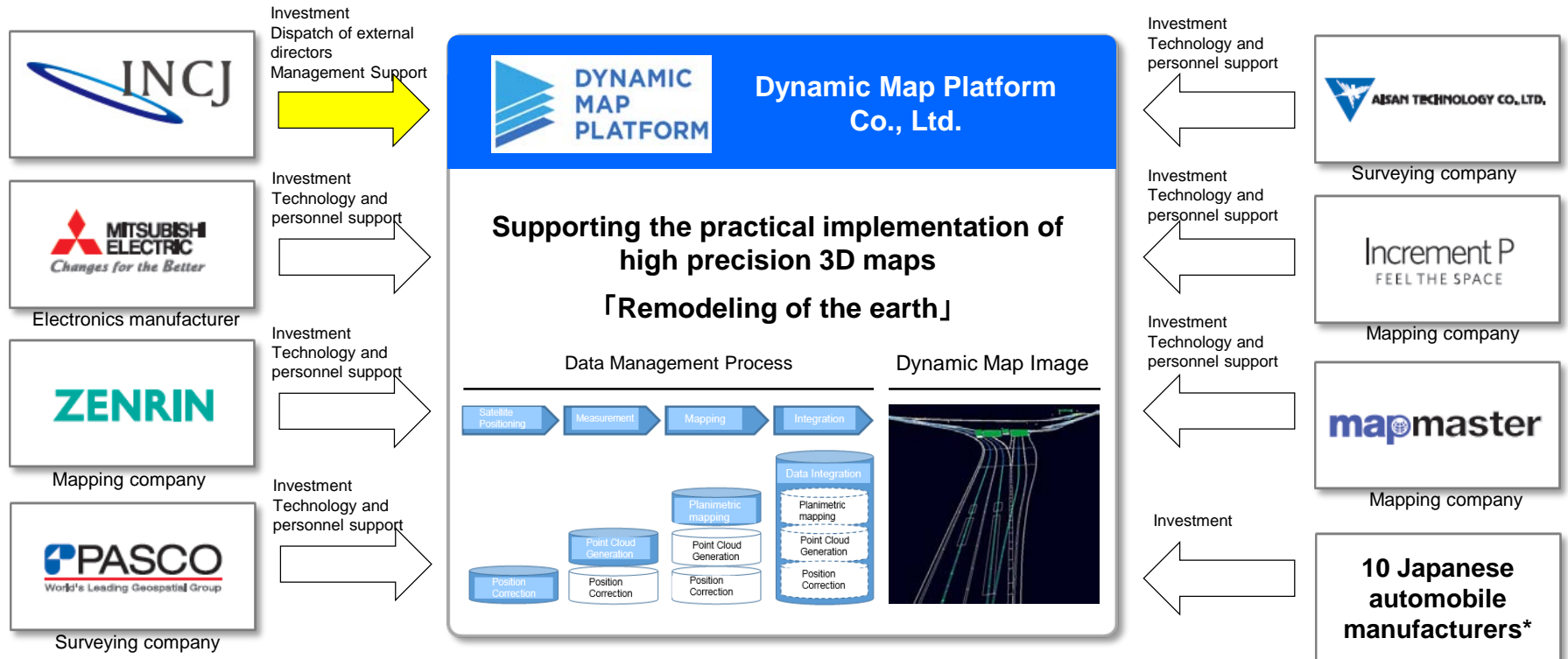
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Target: Dynamic Map Platform Co., Ltd.

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



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

- 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