

# Dynamic Map Planning (DMP)

For an introduction and future prospects of the company

Dynamic Map Planning Co., Ltd.  
November 2016

# ◆ Overview

## 1. Company Name

Dynamic Map Planning Co., LTD.

## 2. President

Tsutomu Nakajima

## 3. June 2016

## 4. Mission

Judge the feasibility of common platform on high precision location information targeting expressways and general roads in Japan

## 5. Investing Company

Investing Companies	
1	MITSUBISHI ELECTRIC CORPORATION
2	ZENRIN CO., LTD.
3	PASCO CORPORATION
4	AISAN TECHNOLOGY CO., LTD.
5	INCREMENT P CORPORATION
6	TOYOTA MAPMASTER INCORPORATED

Investing Companies	
1	ISUZU MOTORS LIMITED
2	SUZUKI MOTOR CORPORATION
3	TOYOTA MOTOR CORPORATION
4	NISSAN MOTOR CO., LTD.
5	HINO MOTOR CO., LTD.
6	FUJI HEAVY INDUSTRIES LTD.
7	HONDA MOTOR CO., LTD.
8	MAZDA MOTOR CORPORATION
9	MITSUBISHI MOTORS CORPORATION

# ◆ Outline of the Company

## 1. Items to be studied

- ✓ (1) Data structure, (2) methodologies for data update and (3) management of referencing points of the Common 3D Digital Map.
- ✓ Framework on the system (e.g. measurement, mapping, server system, delivery, security against hacking) of the common platform.
- ✓ Development plan (schedule, necessary cost), pricing, business model
- ✓ Government data system related to road administrator, dynamic data system
- ✓ Interface with probe system owned by OEM's
- ✓ Interface with similar mapping system overseas
- ✓ Standardization activities (both Japan and overseas)
- ✓ Utilization for other areas (e.g. infrastructure management, disaster prevention)
- ✓ Methodologies for probe map update

## 2. R&D

- ✓ Maintenance of the Common 3D Digital Map.

## 3. Others

- ✓ Provision of sample data of the Common 3D Digital Map. (expressways)
- ✓ Involvement in government projects (research on standardization of each process)

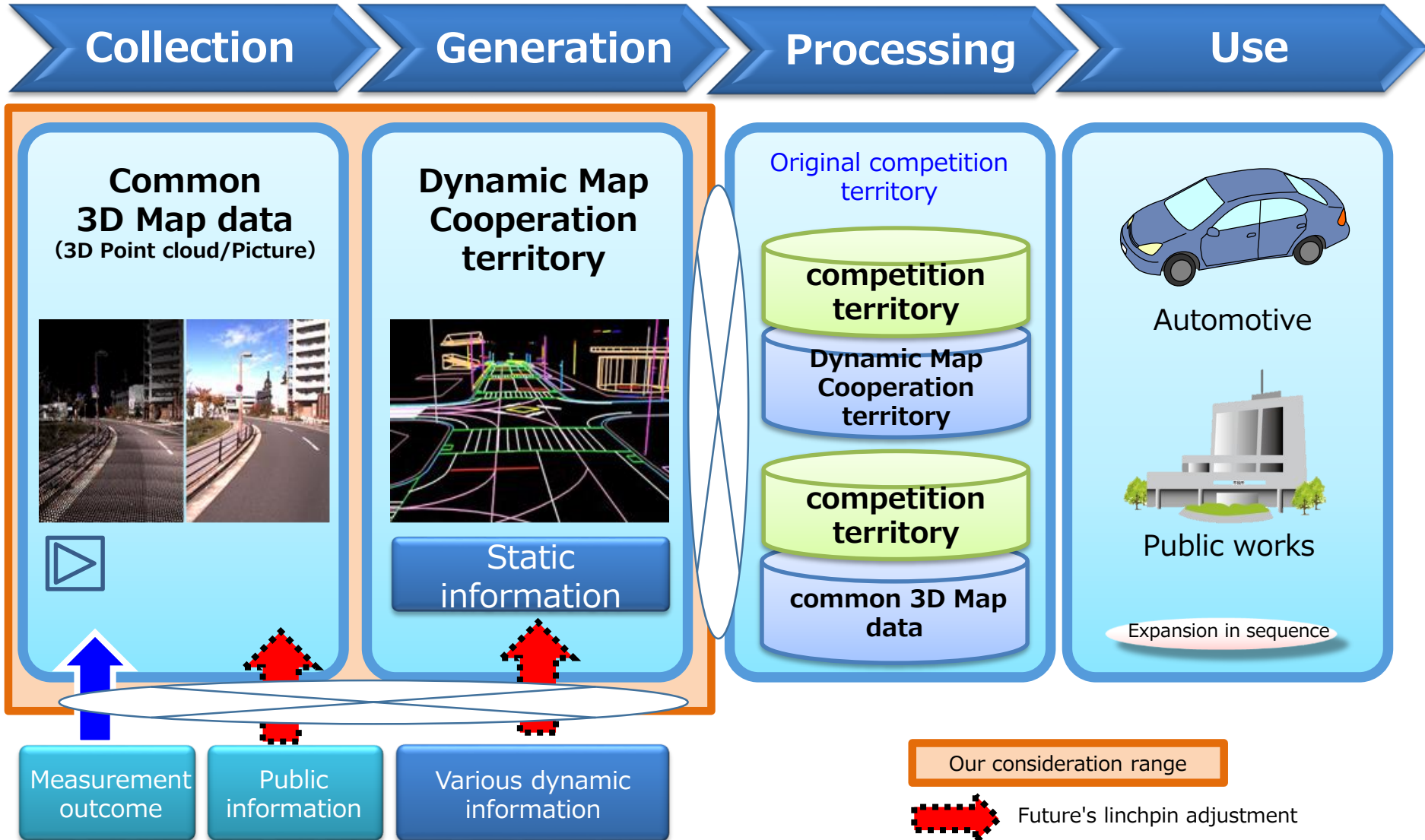
## ◆ Objectives

- ✓ Study the methodologies of developing and maintaining high-precision 3D map data for Automated Driving.
- ✓ Feasibility study on business prospects of dynamic map data provider.
- ✓ Contribute to create new industries and services.

## ◆ Mission Goal for 2016

- ✓ Provision of sample data
- ✓ Judge the business feasibility

# Data flow of Dynamic Map Planning



# Future prospects

For the future of "smart society" realized, a new innovative services, has the potential to create a new industry.

