



**Utilize dynamic** 

data generated

by various entities

**Expansion in** 

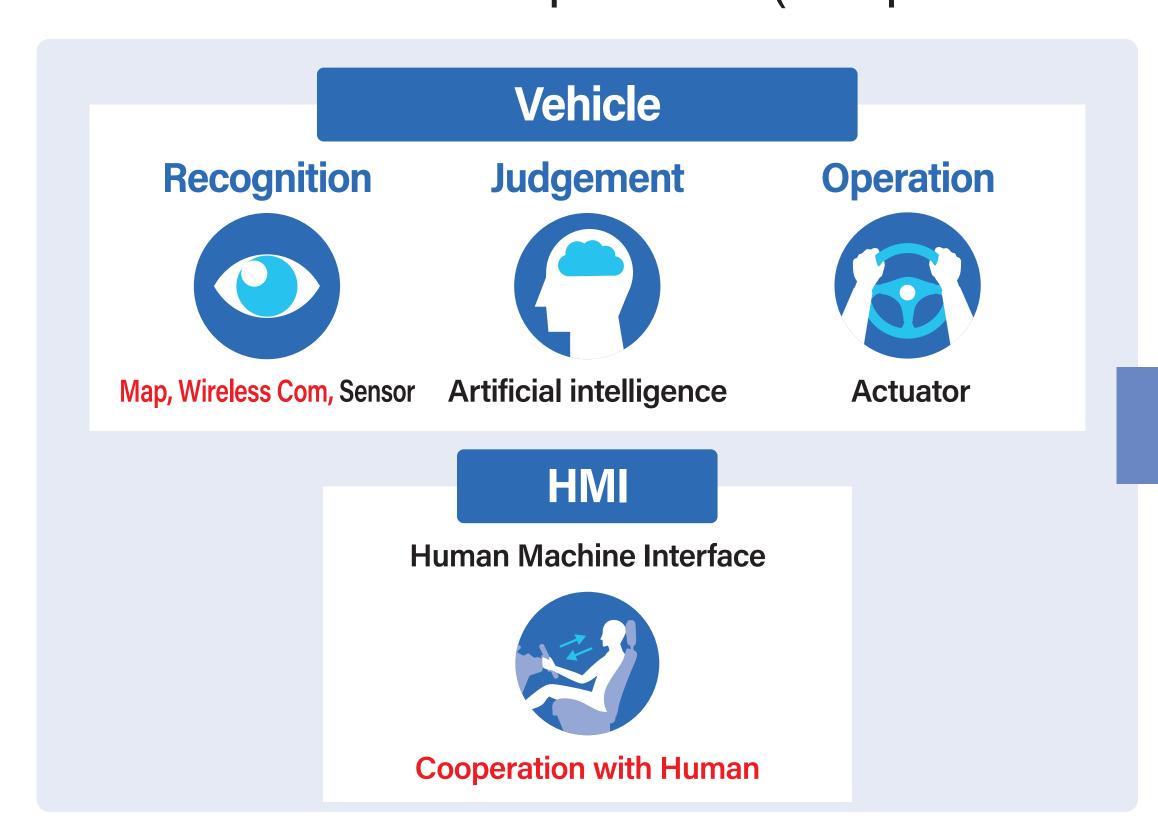
sequence

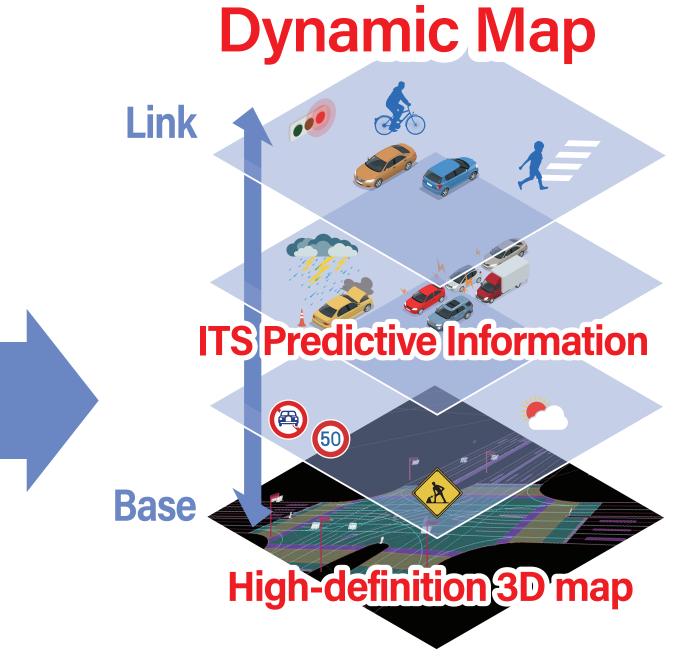


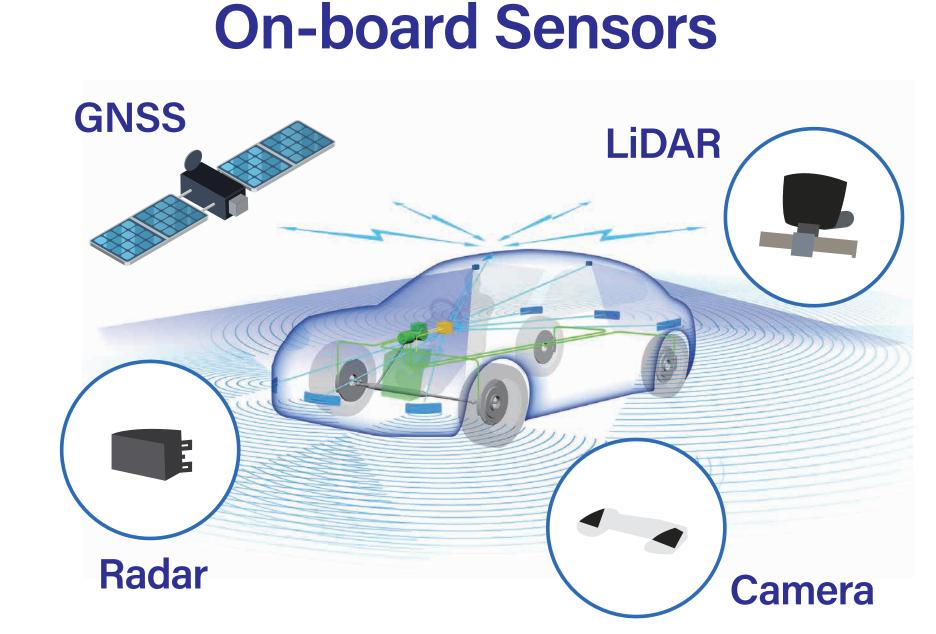
## SIP-adus R&D Activities (1)

## Technologies for Automated Driving Systems

SIP-adus focuses on the R&D in Cooperative area with Industry, Academia and Government In Red : Area of Cooperation (Scope of SIP-adus)





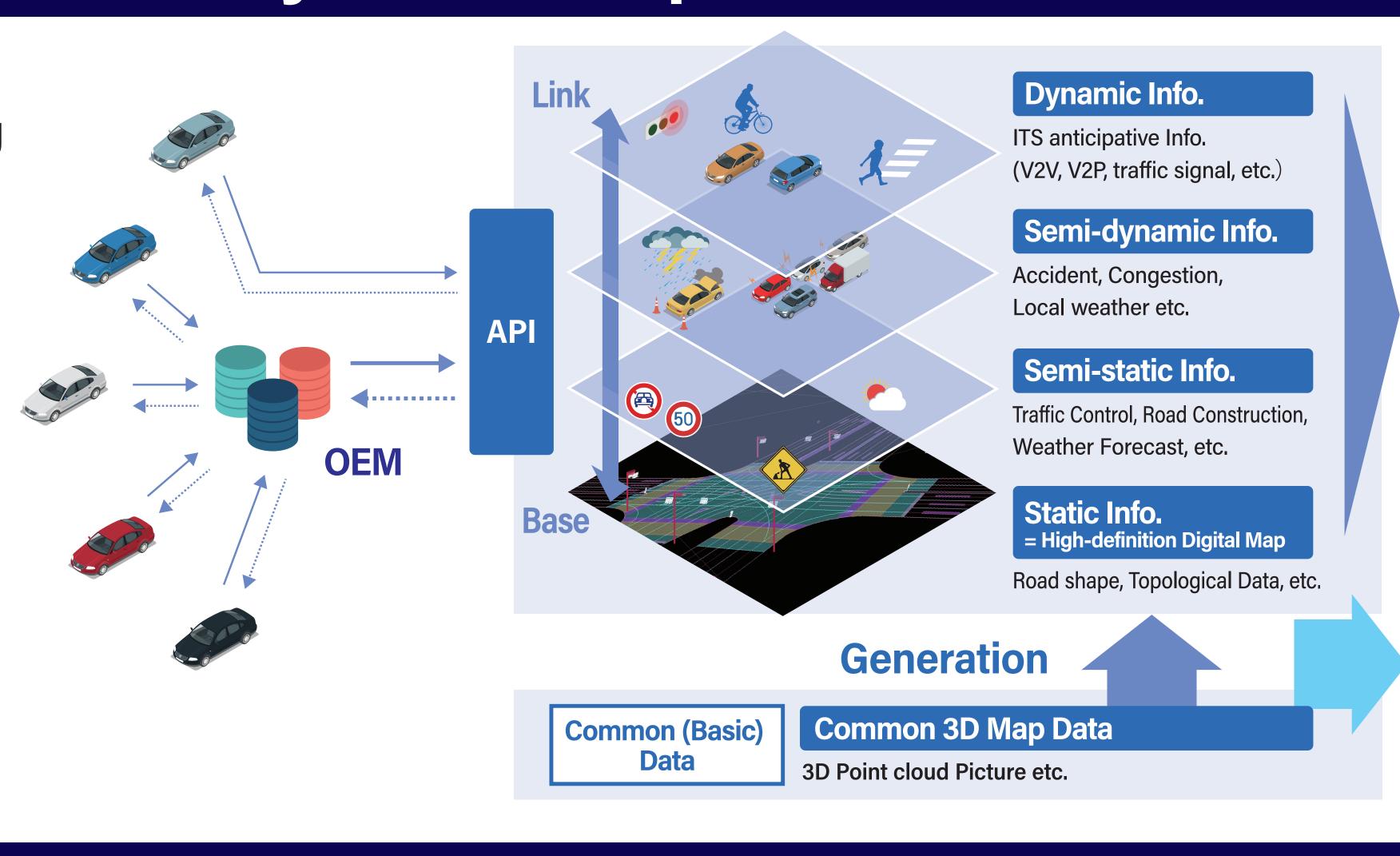


**Basic Tech.** 

Security, Simulation, Database, etc.

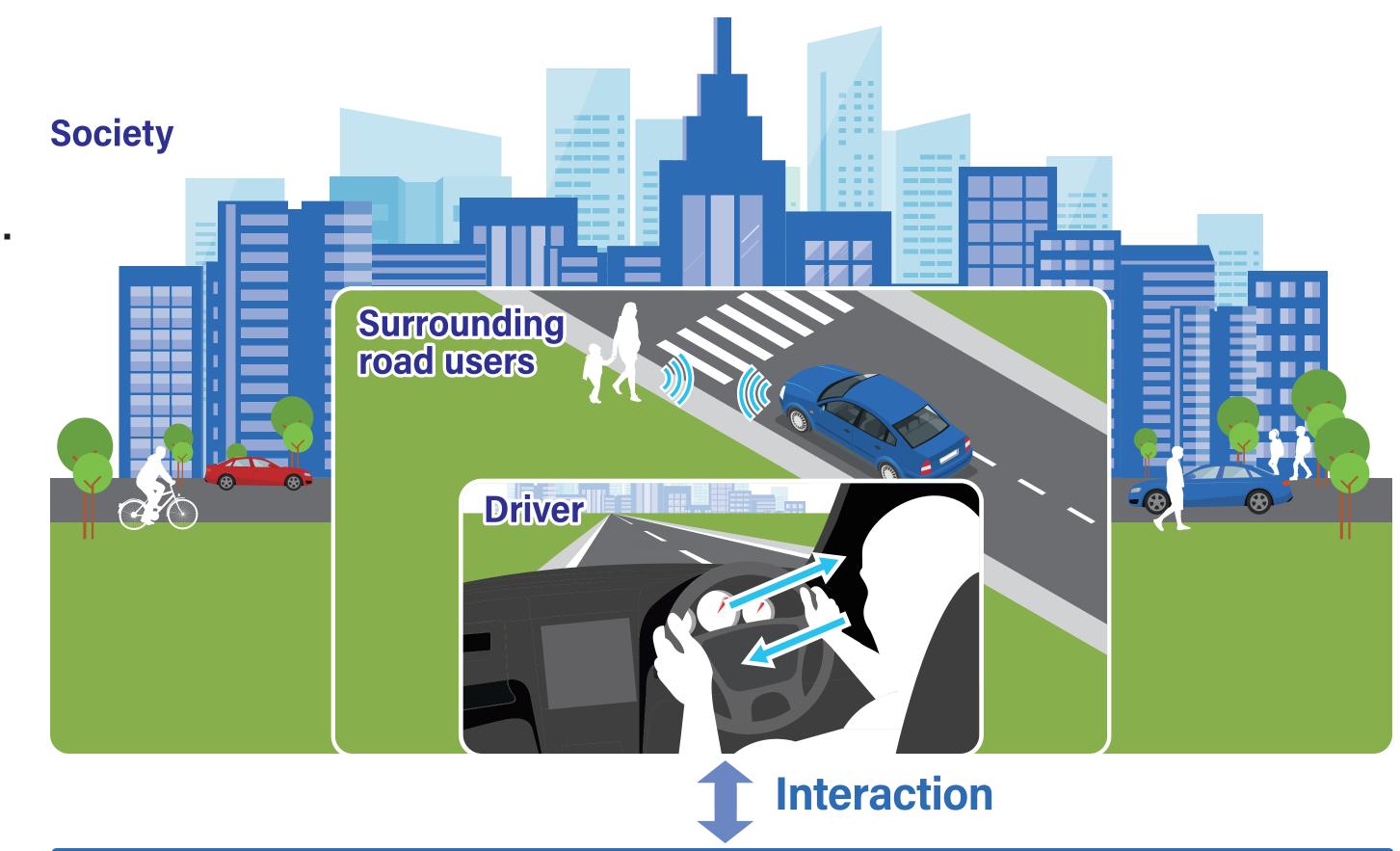
## Dynamic Map

Use dynamic map not only as a precise map for automated driving vehicle but also as an advanced traffic info. DB for every vehicle.



## HMI (Human Machine Interface)

- 1. Effects of system information on drivers' behavior.
- 2. Effects of driver state on his/her behavior in transition.
- 3. Effective ways to functionalize AV to be communicative.



Automated system/vehicle Levels 2, 3 and 4