



TomTom



TomTom Traffic Information Services

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My message:

Real-Time Traffic and Historic information is changing the travel and transport world in many ways that influence not only traveller choices and behaviour, but also government policies, economic costs and business models.



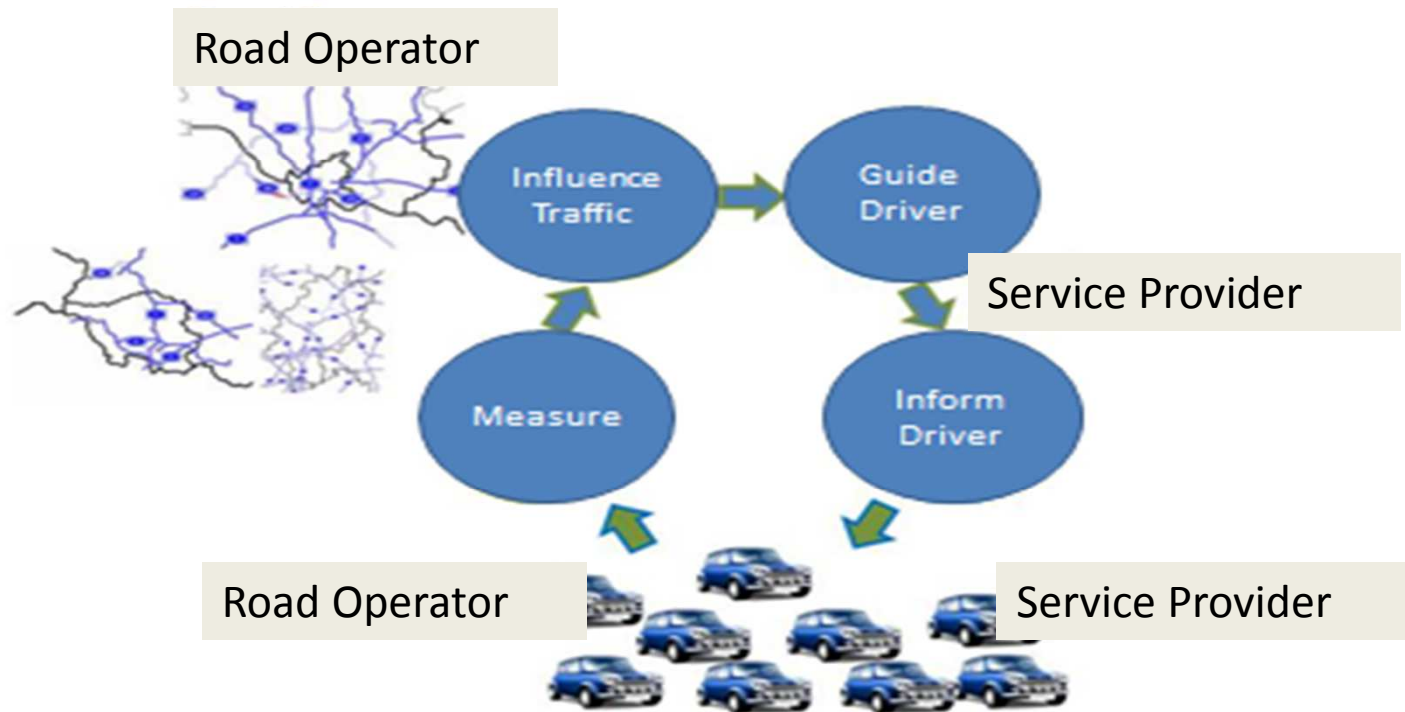
ENABLING VEHICLE INTERACTION WITH
TRAFFIC MANAGEMENT

Enable vehicle interaction with traffic management

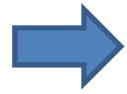


Traffic Management: Traditional Situation

Road operators vs service providers
Road operators & service providers

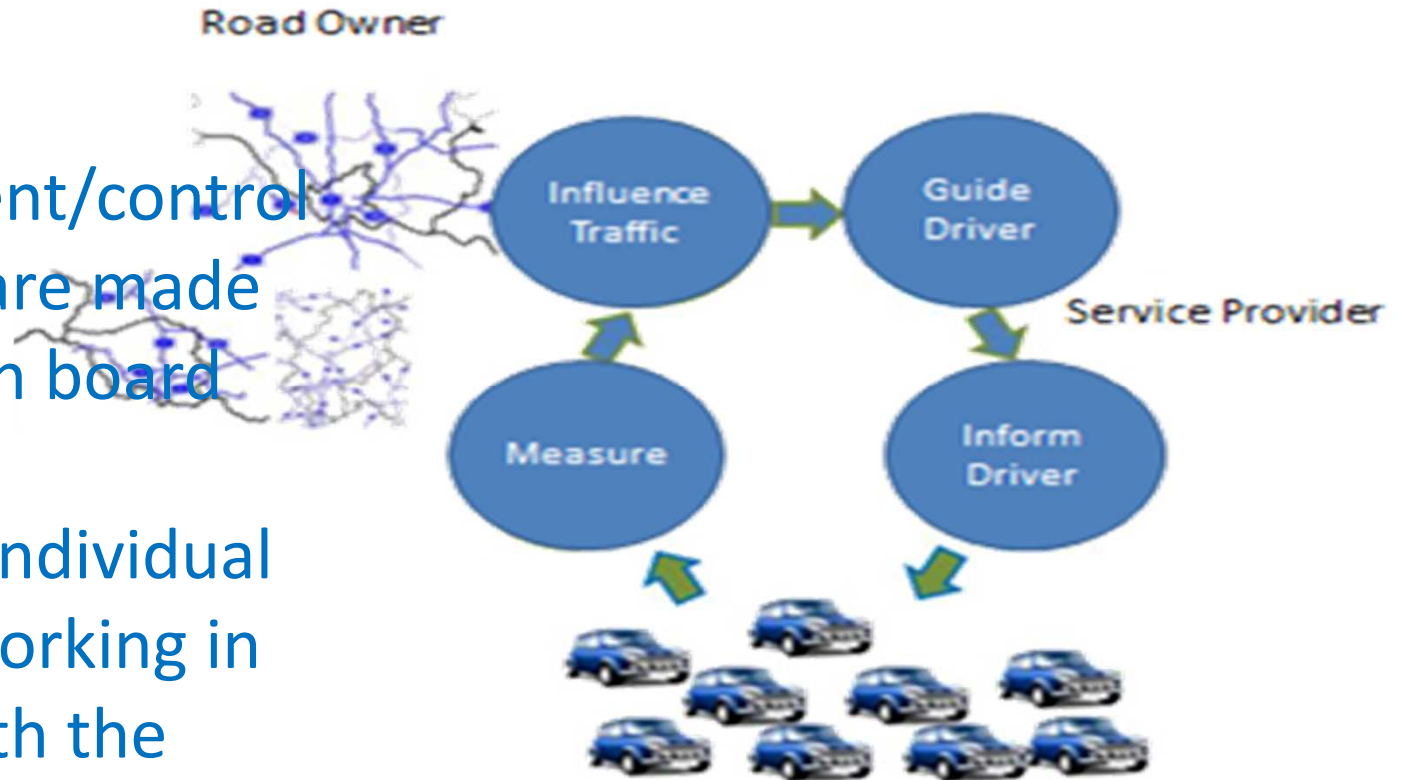


TM 2.0

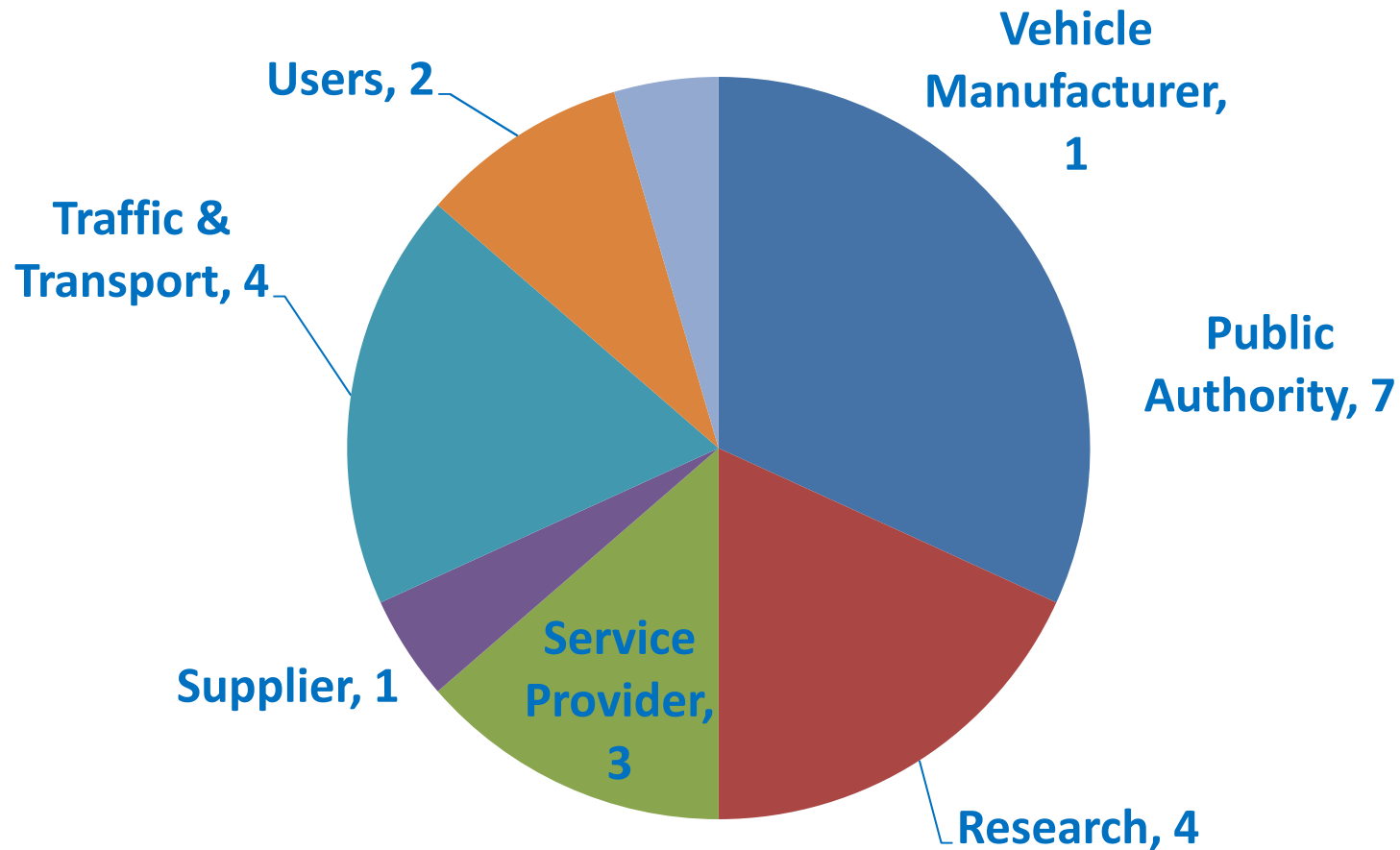


achieve convergence of mobility services and traffic management.

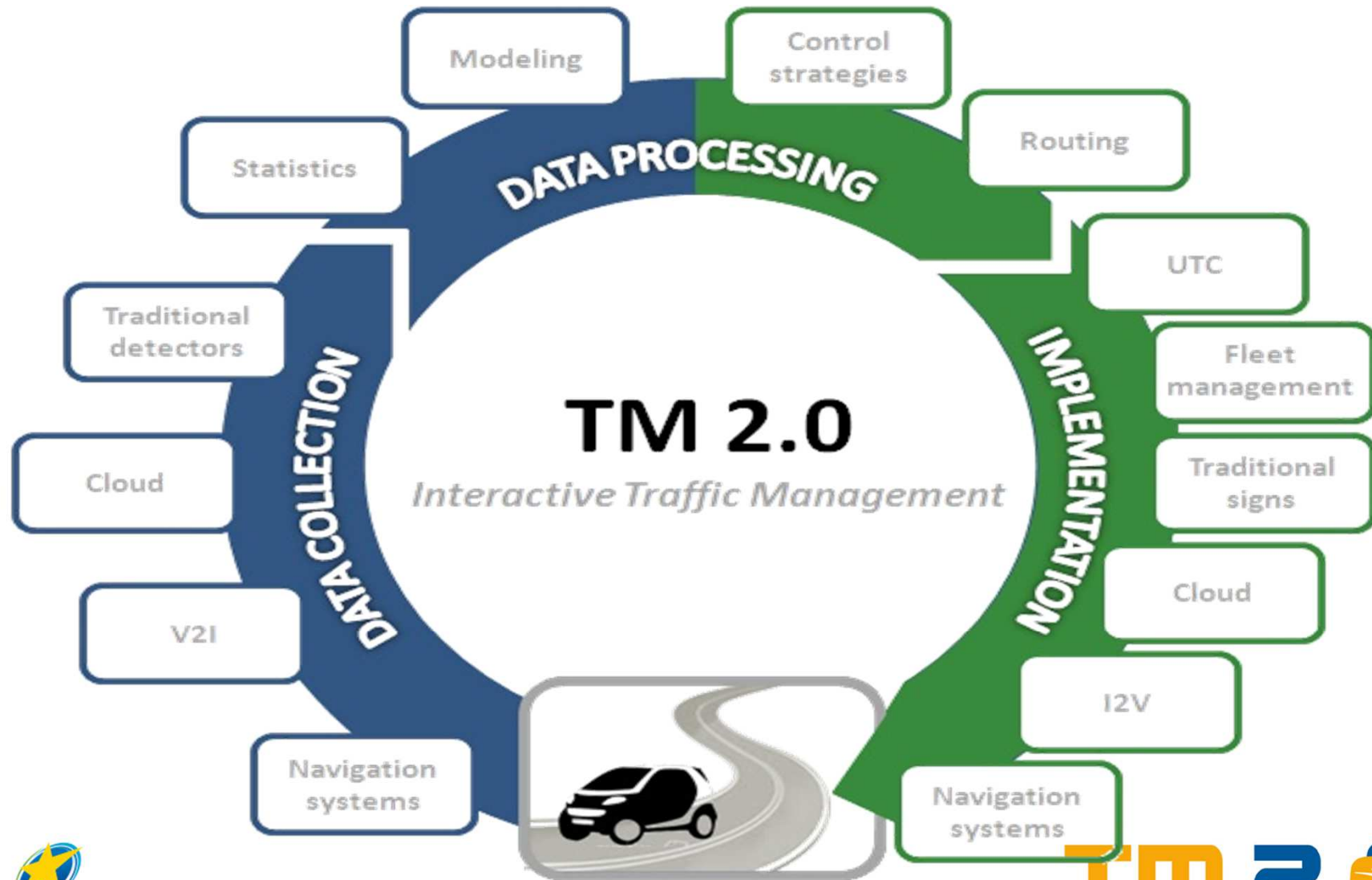
- ✓ traffic management/control strategies are made available on board vehicles;
- ✓ actions of individual travelers working in synergy with the collective mobility objectives



TM 2.0 Membership: sectors represented



Elements at work along the value chain of the TM 2.0 concept



TM 2.0 Steering Body

Public Authority

Austria	Austriatech
Finland	Finnish Transport Agency
Norway	NPRA - vegvesen
The Netherlands	Rijkswaterstaat
Slovenia	Slovenian Ministry of Infrastructure and Spatial Planning
Switzerland	Swiss Federal Roads Office (FEDRO)
London City	Transport For London

Research

CERTH-HIT

CTAG

ICCS

TNO

Service Provider

ATOS

NOKIA/Here

TomTom

Supplier

CONTINENTAL

Traffic & Transport

Imtech Traffic & Infra

Kapsch TrafficCom AG

SWARCO Mizar

Vialis BV

Users

International

Automobile Federation

RACC

Vehicle Manufacturer

BMW Group

TM 2.0 aims to:

Create an interface, which will facilitate the exchange of data between vehicles and TM procedures supporting the entire value chain for consistent TM/C and TInf services.

TM 2.0 - Mission

The future of Traffic Management is to build upon deployment of connected vehicles and travellers in order to:

achieve
convergence of
mobility
services and
traffic
management

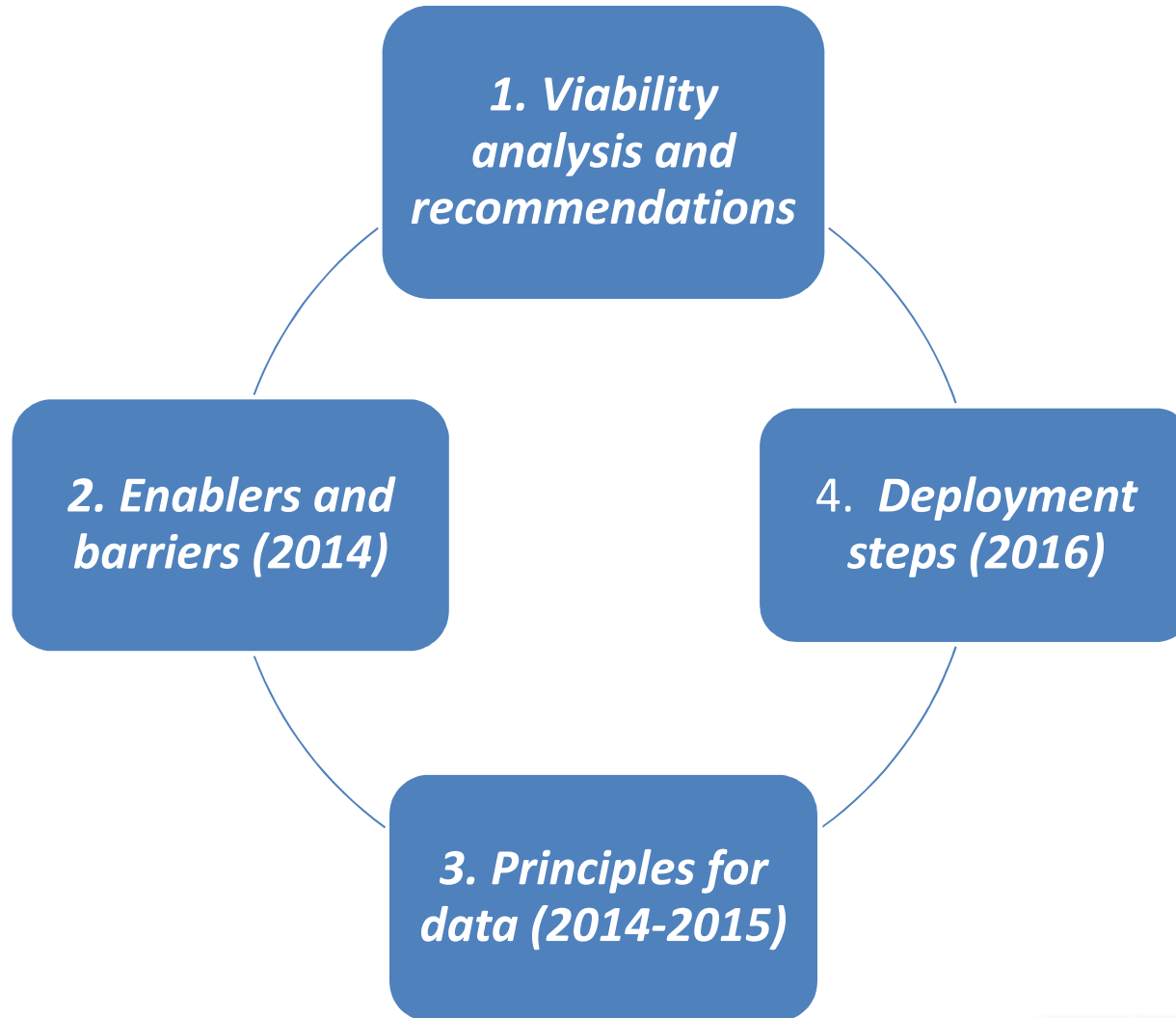
create synergies
between actions
of the individual
travellers with
the collective
mobility
objectives,

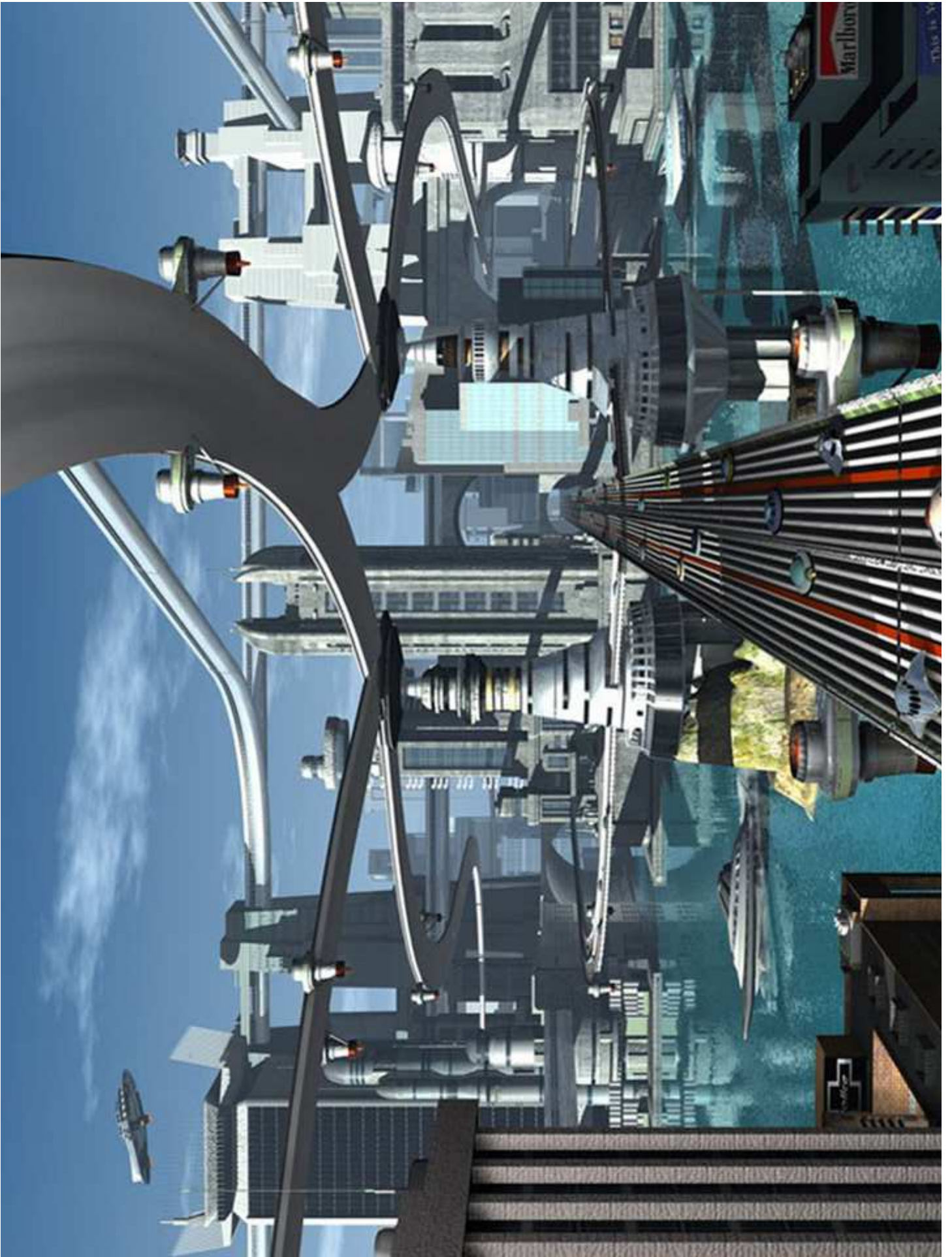
bridge the
innovative
developments
in the vehicle
and in the
traffic
management

TM 2.0 – Mission (con/ued)

while giving value to the legacy
and
creating new business opportunities

TM 2.0 Task Forces





THANK YOU

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TM 2.0 - Scope

- Mobility services
 - Individual routing
 - Individual information and advice
 - High quality services (real time and reliable)
 - Interface to other modes of transport
- Road traffic management
 - Traffic management and control strategies
 - Collective routing
 - Adaptive and dynamic Traffic control
 - Traffic Management Procedures
 - Interface to other modes of transport
- Data collection
 - Privacy, Security and data collection
 - Journalistic, static and dynamic data
 - Probing
 - Dynamic Location Referencing
 - Update of the Local Dynamic Map
- Legacy and evolution of current systems
 - Integration of traditional and probe data



TM 2.0 - Out of Scope

- Adoption of specifications and standards
- Communication technologies
- V2V
- Other modes of transport (during the initial phase)

