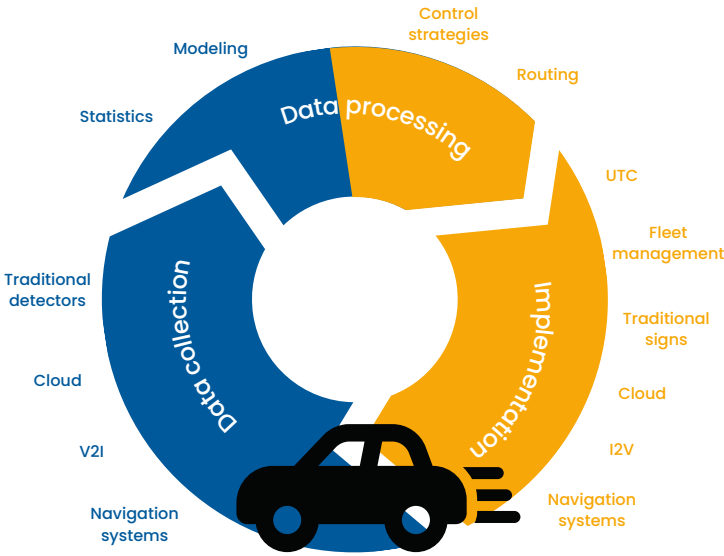# TM 2.0

ENABLING VEHICLE INTERACTION WITH TRAFFIC MANAGEMENT

2023

THE TM 2.0 ERTICO PLATFORM WAS FORMALLY ESTABLISHED IN 2014.

TM 2.0 provides a discussion forum around the topic of interactive traffic management for all relevant stakeholders in the entire Traffic Management Procedure value chain. The platform aims to agree on common interfaces, principles and business models, which can facilitate the exchange of data and information between road vehicles and Traffic Management and Control Centres.
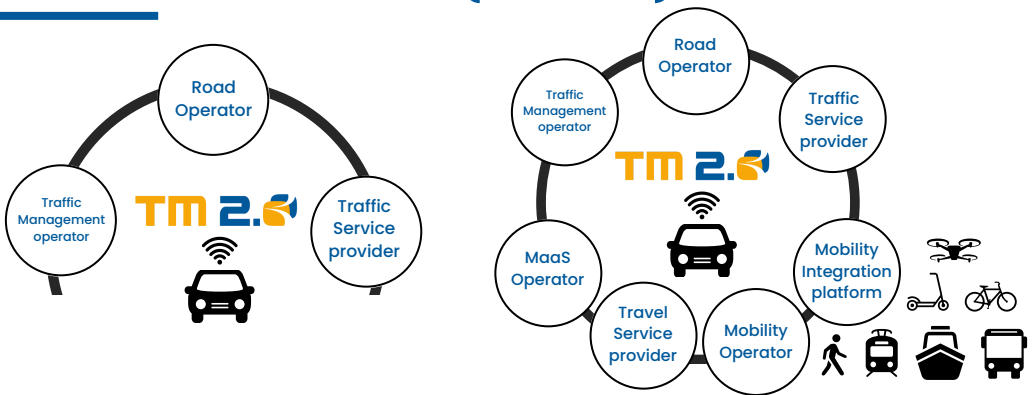
DATA NEEDS & DATA FEEDS

Traffic Management 2.0 is based on the collection and processing of data. Using data from all available sources and stakeholders allows for an integrated databased approach to the transport and mobility system.

THE TM 2.0 PRINCIPLES

- COLLABORATION & TRUST
- CO-OPETITION

MOBILITY NETWORK MANAGEMENT (MNM)

Interactive Traffic Management encompasses interactive Mobility Management in the entire Mobility Network. In order to enable seamless mobility, the different modes of transport of a city or region need to be integrated into the management system based on the exchange of real-time information among all relevant stakeholders. Under the TM 2.0 scheme, Public Authorities set priorities in dialogue with the Service providers, and orchestrate a coordinated approach towards the mobility network.

THE TM 2.0 WIN-WIN-WIN

City administrators/ traffic managers

- Avoid congestion
- Avoid emissions
- Improve traffic management plans
- Reach users directly
- Reach roads with no ITS

Users

- Improve trip quality
- Real-time and regional information
- Road safety
- Route options aligned with TMPs

Traffic information service providers

- Best route option (not only fastest)
- Information beyond congestion
- Alternate routing well in advance
- Regional information part of an integrated service

TM 2.0's win-win-win concept is key to ensuring a long-term cooperation between mobility stakeholders.

TM 2.0 TASK FORCES

TM 2.0 sets up yearly Task Forces to study different key topics related to interactive traffic management and MNM. The Task Forces examine and clarify aspects of the concept and practice of TM 2.0 and MNM and their recommendations are accessible to the public. All reports from past Task Forces can be found on our website.

The most recent Task Forces have specifically been looking into the impact of TM 2.0 in terms of environmental sustainability and data processes.

2022/2023 Task Forces:

ITS Services standardisation requirements led by Fabrizio Paoletti, ITS Standardisation & Regulations at Autostrade per l'Italia	TM 2.0 and Sustainability led by Jop Spoelstra, Innovation Manager at Technolution	TM 2.0 and MaaS led by Cassandre de Froidmont, Support Manager at ERTICO - ITS Europe

TM 2.0 MEMBERS

Public Authorities

austriatech

smartwayz.nl

RTA

CONCELLO DE VIGO

autostrade per l'italia

Die Autobahn

HELLENIC REPUBLIC REGION OF CENTRAL MACEDONIA

LAND SALZBURG

Flanders State of the Art

cnit consorzio nazionale interuniversitario per le telecomunicazioni

Port of Antwerp Bruges

TRAFIKVERKET SWEDISH TRANSPORT ADMINISTRATION

mobilità ROMA

OpenTraffic Systems City Association e.V.

TRAFFIC MANAGEMENT FINLAND

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Swiss Federal Roads Authority FEDRO

Norwegian Public Roads Administration

Transport for London

gent:

Hamburg

Rijkswaterstaat
Ministry of Infrastructure and the Environment

Comune di Verona

Associations

ERTICO
ITS EUROPE

iTS&S
Czech and Slovak Intelligent Transport Systems & Services

Research

CTAG
Centro Tecnológico de Automoción de Galicia

ΕΠΙΣΕΥ ICCS

Suppliers

MOTT MACDONALD

Continental

Service Providers

here

BE MOBILE
a revolution in traffic

PTV GROUP
the mind of movement

Technolution

TOMTOM

ARMIS
INTELLIGENT TRANSPORT SYSTEMS

TTI

YUNEX TRAFFIC

kapsch >>>
challenging limits

Albrecht Consult

swarco

Vialis
Wij maken infrastructuur intelligent

Interested in becoming a member?
Contact us at info@tm20.org
More information on TM 2.0 may be found on our
website www.tm20.org