



11th ITS EUROPEAN CONGRESS
DELIVERING FUTURE CITIES NOW

Glasgow, Scotland | 6-9 June 2016

PR2- Enabling interaction between traffic management and mobility services



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TM 2.0 Platform & concept

Johanna Tzanidaki (TomTom & Gino Franco (Swarco)
TM 2.0 Chairs



looking for the win-win

TM 2.6

the challenge of TM 1.5

- Traffic management plans (TMP) are not part of the dynamic traffic information that is delivered to the vehicles today
- Individual vehicle behaviour (as available from the route guidance system) is not made available to the traffic management system
- Today traffic control strategy is not able to address individual travellers

a matter of non-aligned priorities

Road Owners/Operators

- Optimise the road network capacity
- Meet policy targets (env-com-energy)
- Provide access to or close part of the network according to TMP
- Prioritise on certain user categories

Road Users/Service Providers/OEMs

- Fastest and Safest route
- Most efficient and less fuel consuming route
- Quality and valid Traffic Information
- Simple and easy directions

transitioning to more modern TM solutions

- new solutions to global traffic congestion problems
- smarter cities and autonomous driving



make use of probe data and traveler connectivity
and also TMPs !

Traffic Management 2.0

the previously divided worlds of centralized traffic management and in-vehicle traveler information are merging, to the benefit of all.

Road authorities & service providers



TM 2.0

TM 2.0 Membership (30 members)

Association

ITS CZ

Public Authority

NPRA

City of Ghent

TfL

Austriatech

FEDRO

FTA

RWS

City of Salzburg

City of Thessaloniki

City of Verona

STA

Research

CERTH

CTAG

ICCS

TNO

Service Provider

ATOS

HERE

TECHNOLUTION

TomTom

Supplier

CONTINENTAL

Traffic & Transport

CUBIC

Dynniq

KAPSCH

SWARCO

PTV

VIALIS

Siemens

Users

RACC

Vehicle Manufacturer

BMW



TM 2.0 Membership (cities)

TM 2.0 cities



- AT: Salzburg region (linked to FCD test bed)
- EL: Thessaloniki (CERTH Trials)
- ES: Vigo (CTAG trials)
- IT: Verona (SWARCO/TomTom trials)
- NL: Corridor Rotterdam-Eindhoven-Venlo (RWS, VIALIS)
- ES: Barcelona (RACC Trials)
- IT: Rome (SWARCO trials)
- DE: Garmisch, Berlin (SWARCO trials)
- NOR: Trondheim (NPRA Trials)
- UK: London (TfL)



TM is evolving into a multi-stakeholder cooperation and cities and regions hold the key

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