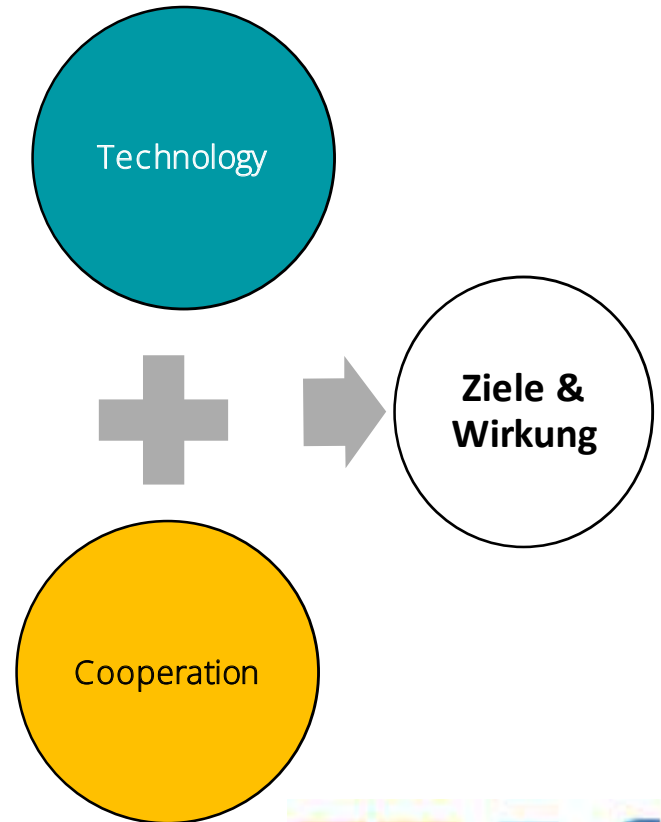
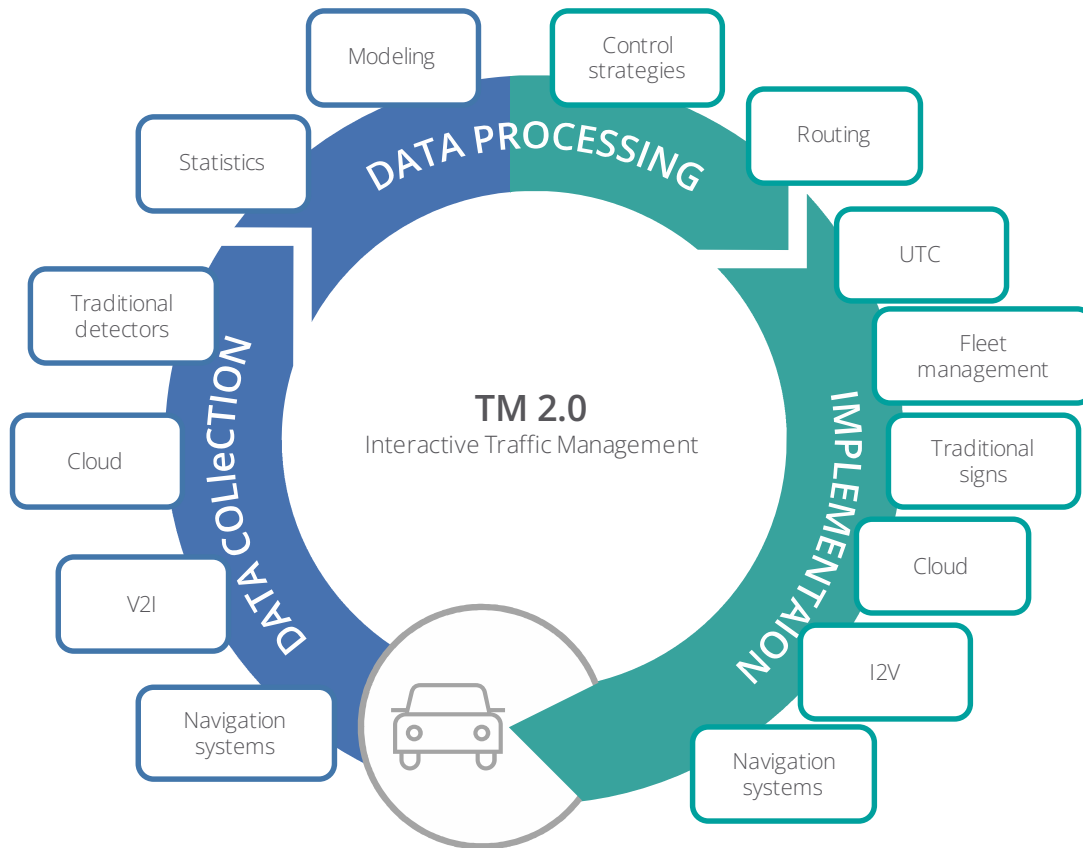


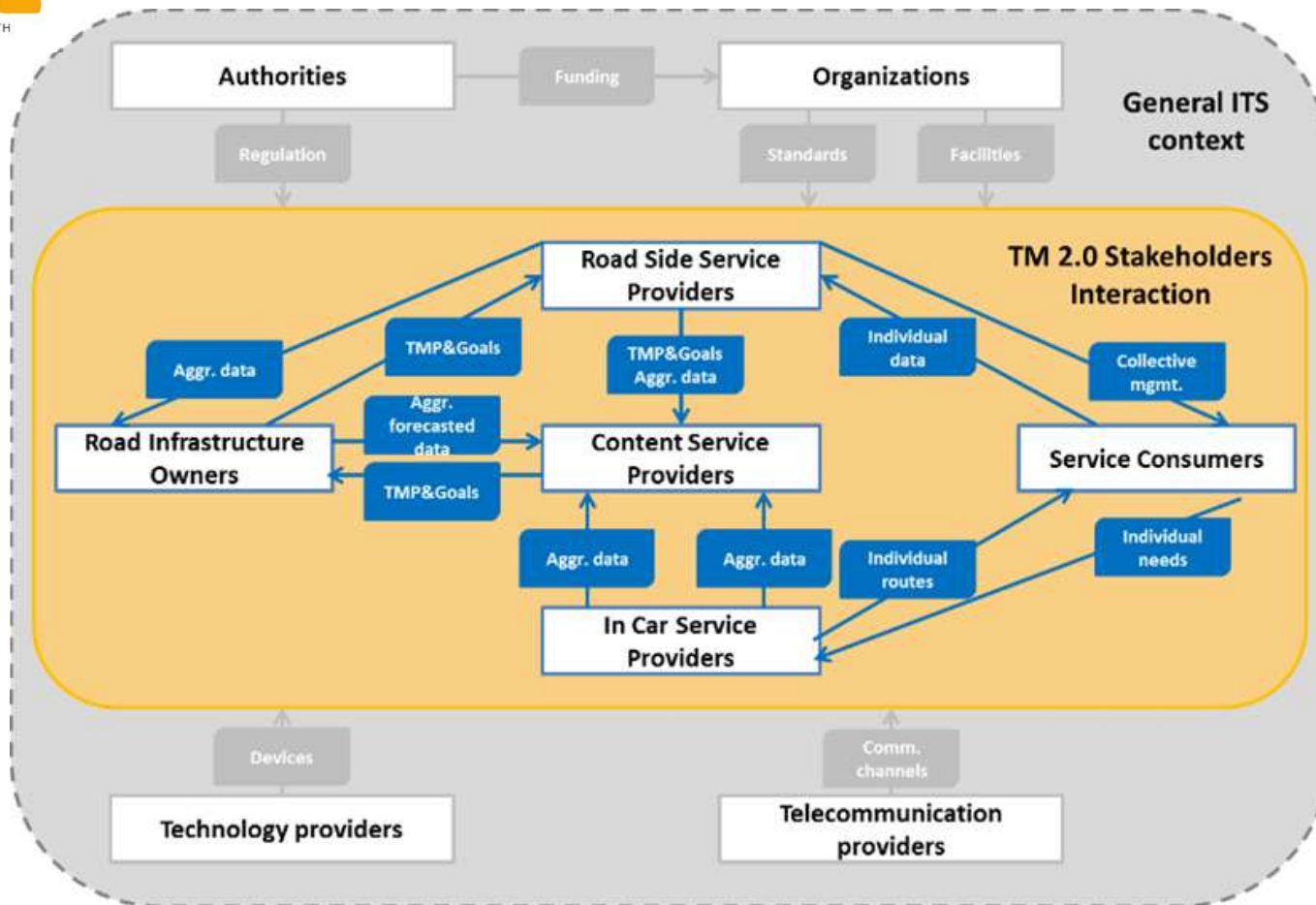


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Neue Daten für effektiveres Verkehrsmanagement

**Martin Russ, AustriaTech
10.10.2022**





City administrators / traffic managers

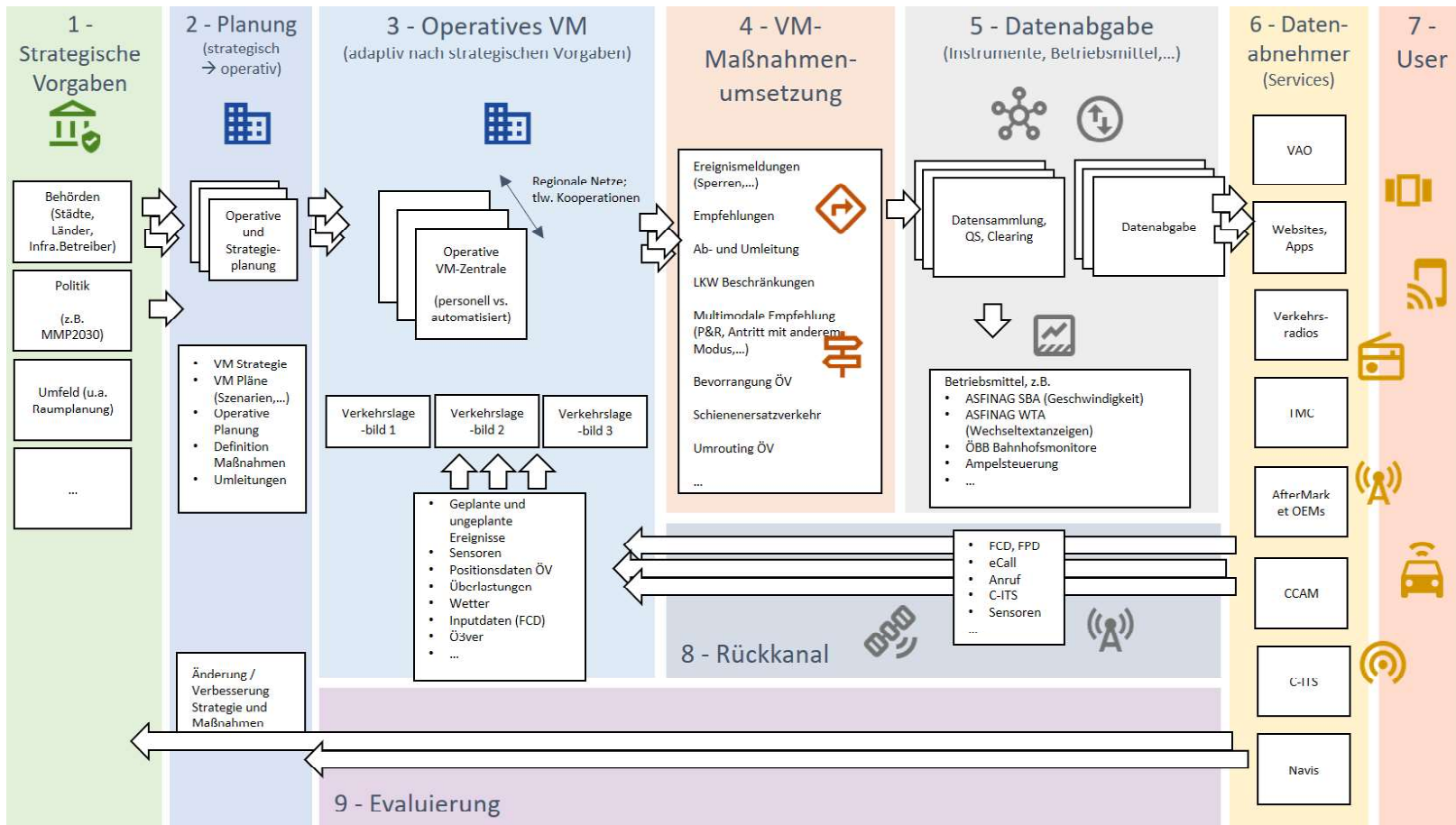
-  *avoid congestion and traffic collapse*
-  *avoid unnecessary emissions*
-  *improve TMP complementing or replacing loop detectors and enhancing accuracy*
-  *TMPs measures reach driver directly*
-  *FCD-enabled TM even in roads with no ITS (scalable)*

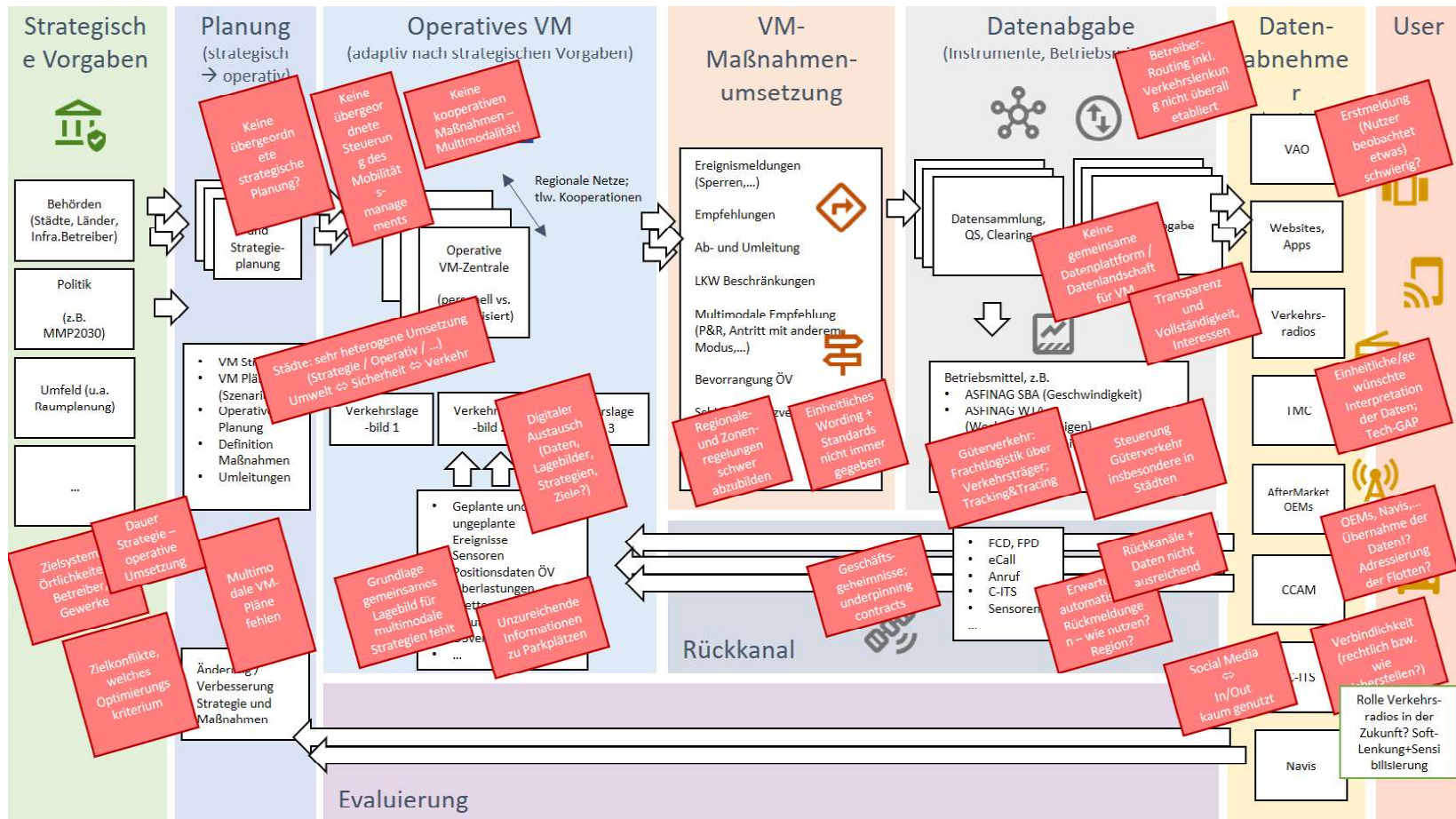
Drivers

-  *avoid congestion: more relaxed driving*
-  *receive relevant regional information in-vehicle*
-  *improved road safety through smoother traffic flow*
-  *best route options aligned with TMPs*

Traffic information service providers

-  *provide best route option for the destination (not only fastest)*
-  *provide information that goes beyond congestion*
-  *provide solution (best route option) not the problem (congestion info) well in advance*
-  *regional information becomes part of an integrated service*





Quelle: Asfinag/ITS Austria

Zukunft des Verkehrsmanagements

Managing Trade-Offs

Access <-> Flow

Efficiency <-> Environment

Surface <-> Energy

Network <-> Fleet

System <-> User

Operations <-> Collaboration

Peaks <-> Performance

Maneuvers <-> Routes



Service 1st – Integrate Users and Demand

- FROM HOV Lanes & Ramp metering
TO Service 1st Lanes
- FROM managing capacity
TO guaranteed slots for user groups
- FROM reducing accidents
TO reducing environmental burden
- FROM managing road infrastructure
TO efficient energy provision
- FROM informing via different channels
TO setting fleet requirements



...und next....

.....BMK Aktionsplan Digitale Transformation in der Mobilität (Vorstellung 4.11.2022)

- Definition/Erarbeitung Mobilitätsdatenraum
- Weiterentwicklung Nationaler Zugangspunkt Mobilitätsdaten (NAP)
- Etablierung neuer Kooperationen im Bereich Verkehrsmanagement
- Ausrollung Kooperativer Dienste (Hochrangiges Netz & Städte)
-

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