

Deployment of interactive traffic management

SOCRATES^{2.0} Distribution of roles

Organisational set-up

Amsterdam

In Amsterdam, four use cases were piloted.

Optimising Network Traffic Flow

Eleven SOCRATES^{2.0} partners worked together in the Optimising Network Traffic Flow use case in Amsterdam. Since this use case is based on the Coordinated Approach cooperation model, all four intermediary roles were implemented. Furthermore, four data providers, three public service providers (TMC's) and four service providers participated.

Partner	Role in use case
BMW	Service provider (active involvement limited to chain testing)
City of Amsterdam	Road authority / TMC
Province of North-Holland	Road authority / TMC
Rijkswaterstaat	Road authority / TMC / Network Manager
NDW	Data provider / Network Monitor / Strategy Table organiser
HERE	Data provider
MAPtm	Strategy Table organiser / Assessor
BrandMKRS	End user service provider
Be-Mobile	Data provider / End user service provider
TomTom	Data provider / End user service provider
Technolution	Network Manager

Smart Destination

Eight SOCRATES^{2.0} partners were active in the Smart Destination use case in Amsterdam. Since this use case is based on the Coordinated Approach cooperation model, normally all four intermediary roles would have been implemented. However, since all events were cancelled, the need for a Strategy Table was no longer necessary. Furthermore, two data providers and four service providers participated.

Partner	Role in use case
City of Amsterdam	Data provider (parking data) / Network Manager / Road authority
NDW	Network Monitor (only in plateau 2) Technical enabler data feed road closures
Technolution	Technical enabler data feed service requests
MAPtm	Assessor
TomTom	End user service provider
Be-Mobile	End user service provider
BrandMKRS	End user Service provider
	Data provider parking data (only in plateau 2)
BMW	Service provider for user evaluation use case (no end user service)



Road Works Information

Eight SOCRATES^{2.0} partners were active in the Road Work Information use case in Amsterdam. Since this use case is based on the Shared View cooperation model, the intermediary role of Network Monitor was implemented. This role was combined with the Assessor role. Furthermore, seven data providers and four common data feed clients participated.

Partner	Role in use case
City of Amsterdam	Data provider / Common data feed client / Road authority
Province of North-Holland	Data provider / Common data feed client / Road authority
Rijkswaterstaat	Data provider / Common data feed client / Road authority
NDW	Data provider / Common data feed client
TomTom	Data provider / Common data feed client
Be-Mobile	Data provider / Common data feed client
HERE	Data provider / Common data feed client
MAPtm	Network Monitor, Assessor

Environmental Zone Information

Four SOCRATES^{2.0} partners were active in the Environmental Zone Information use case in Amsterdam. Since this use case is based on the Shared View cooperation model, the intermediary role of Network Monitor was implemented. Furthermore, two service providers participated.

Partner	Role in use case
City of Amsterdam	Data provider / Road authority
NDW	Network Monitor
TomTom	End user service provider
Be-Mobile	End user service provider

Copenhagen

In Copenhagen, three use cases were piloted.

Optimising Network Traffic Flow + Environmental Zone Information (combined)

Two SOCRATES^{2.0} partners and one associated partner worked together in the combined Optimising Network Traffic Flow + Environmental Zone Information use case in Copenhagen. Since this use case is based on the Shared View cooperation model, the Network Monitor role was implemented. This role was combined with the Network Manager role. Furthermore, two data providers and one service provider participated.

Partner	Role in use case
City of Copenhagen (associated)	Road authority / Data provider (ViSense data through TMC)
Technolution	Network Monitor / Network Manager
TomTom	Data provider / End user service provider

Smart Destination

Two SOCRATES^{2.0} partners and one associated partner were active in the Smart Destination use case in Copenhagen. Since this use case is based on the Shared View cooperation model,



het Network Monitor role was implemented. This role was combined with the Network Manager role. Furthermore, one service provider participated.

Partner	Role in use case
City of Copenhagen (assoc.)	Road authority / Event liaison
Technolution	Network Manager
BrandMKRS	End user service provider

Munich

In Munich, two use cases were piloted.

Smart Destination

Four SOCRATES^{2.0} partners and one associated partner were active in the Smart Destination use case in Munich. Since this use case is based on the Data Exchanged cooperation model, no intermediary roles were implemented. Furthermore, three service providers participated.

Partner	Role in use case
Bavarian Road Authority (associated partner)	Road authority / Data provider
MDM	Data Access Point
BMW	Service provider (only technical testing)
BrandMKRS	End user service provider
Be-Mobile	End user service provider (only Messe München)

Road Works Information

Two SOCRATES^{2.0} partners and one associated partner worked together in the Road Work Information use case in Munich. Since this use case is based on the Shared View cooperation model, the intermediary role of Network Monitor was implemented. This role was combined with the Assessor role. Furthermore, two data providers (as data feed clients) participated.

Partner	Role in use case
Bavarian Road Authority (associated partner)	Road authority / Data provider
MAPtm	Network Monitor, Assessor
HERE	Data provider / Common data feed client
TomTom	Data provider / Common data feed client

Antwerp

In Antwerp, three use cases were piloted.

Optimising Network Traffic Flow

Four SOCRATES^{2.0} partners and one external partner participated in the Optimising Network Traffic Flow use case in Antwerp. Since this use case is based on the Data Exchanged cooperation model, no intermediary roles were actually needed. However, the role of Network Monitor and Network Manager were executed by Technolution. Furthermore, two data providers and one service provider participated.



Partner	Role in use case
Flemish Traffic Centre	Data provider
MAPtm	Network Monitor / Network Manager / Assessor
Be-Mobile	End user service provider
BMW	End user service provider
Nv Liefkenshoektunnel	Toll tunnel operator (external partner)

Lane Information

Two SOCRATES^{2.0} partners were active in the Lane Information use case Antwerp. Since this use case is based on the Data Exchanged cooperation model, no intermediary roles were implemented. One data provider and one service provider participated.

Partner	Role in use case
Flemish Traffic Centre	Data provider
Be-Mobile	End user service provider

Road Works Information

Four SOCRATES^{2.0} partners participated in the Road Work Information use case Antwerp. Since this use case is based on the Shared View cooperation model, the intermediary role of Network Monitor was implemented. This role was combined with the Assessor role. Furthermore, three data providers and three common data feed clients participated.

Partner	Role in use case
Flemish Traffic Centre	Data provider
MAPtm	Network Monitor, Assessor
Be-Mobile	Data provider / Common data feed client
HERE	Data provider / Common data feed client
TomTom	Data provider / Common data feed client

