DATEX II User Forum
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ESG2 Supporting Action:

TMP & Navigation systems

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- **TMP Presentation**
- **ESG2 Supporting Action : TMP and navigation systems**
- **Need for external stakeholder participation**
- **Discussion**

TMP Definition

- *Pre-defined allocation of a set of measures to a specific incident*
- *Facing to a road crisis situation on a dedicated network or area, always find the right solution requiering coordination among road traffic managers and authorities*

TMP Objectives :

- **Limiting perturbation consequences**
- **Contributing to users safety**

- **Traffic management**
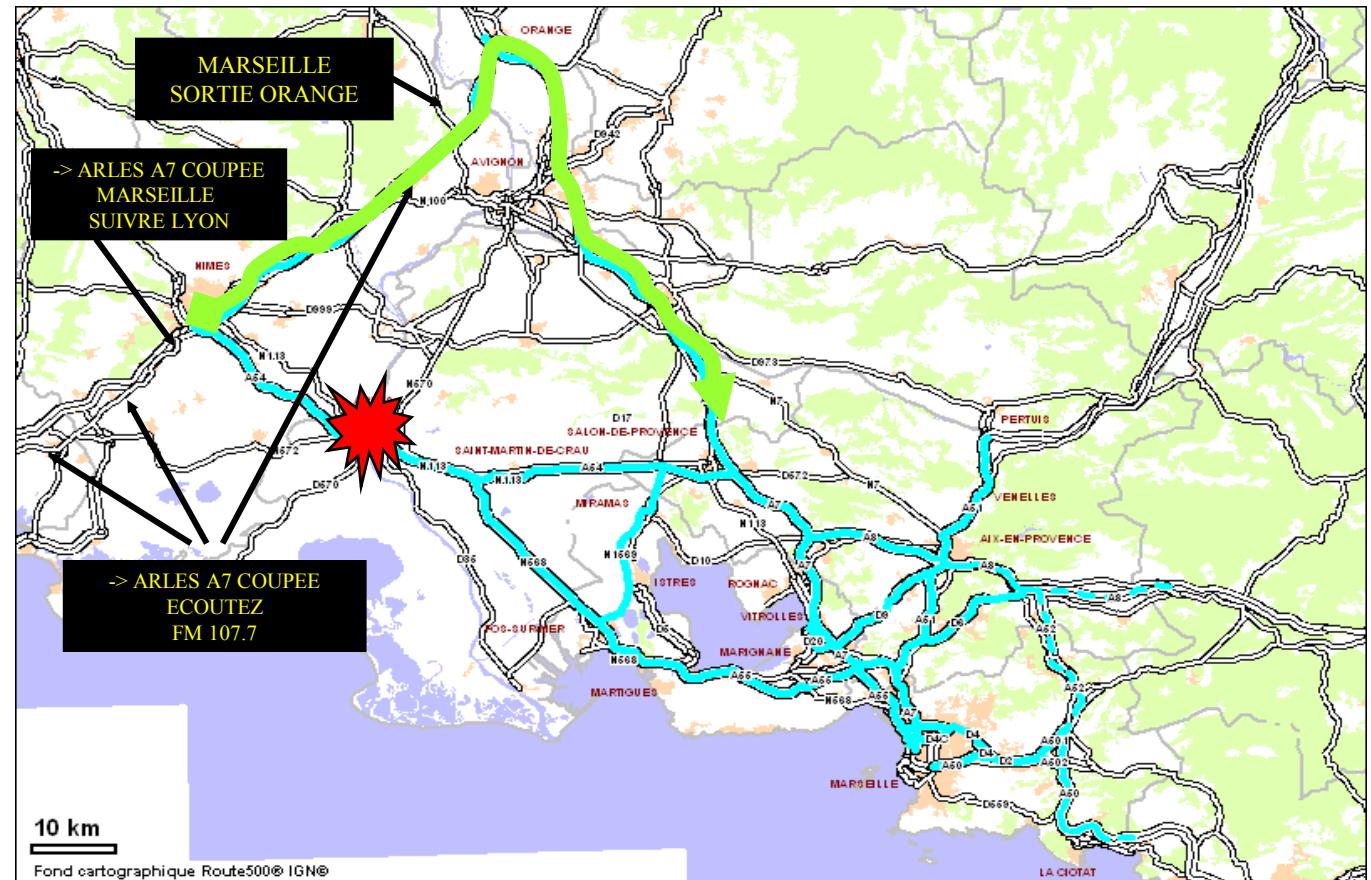
- *Traffic management*
- **Users information**

TMP: a decision support tool system

Regarding the situation, propose to the decisional bodies:

- The adapted scenario
- The measures to be put in place
- The actors to be managed

Trafic en amont du tronçon	Durée prévisible de l'incident		
	< 2heures	2 à 6 heures	> 6 heures
Faible	S1	S2	S3
Fort			

EasyWay
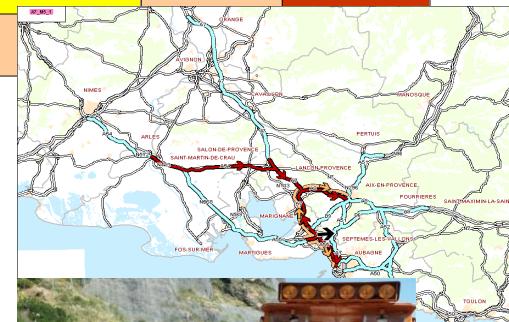
TMP Step 1 : select the road impacted
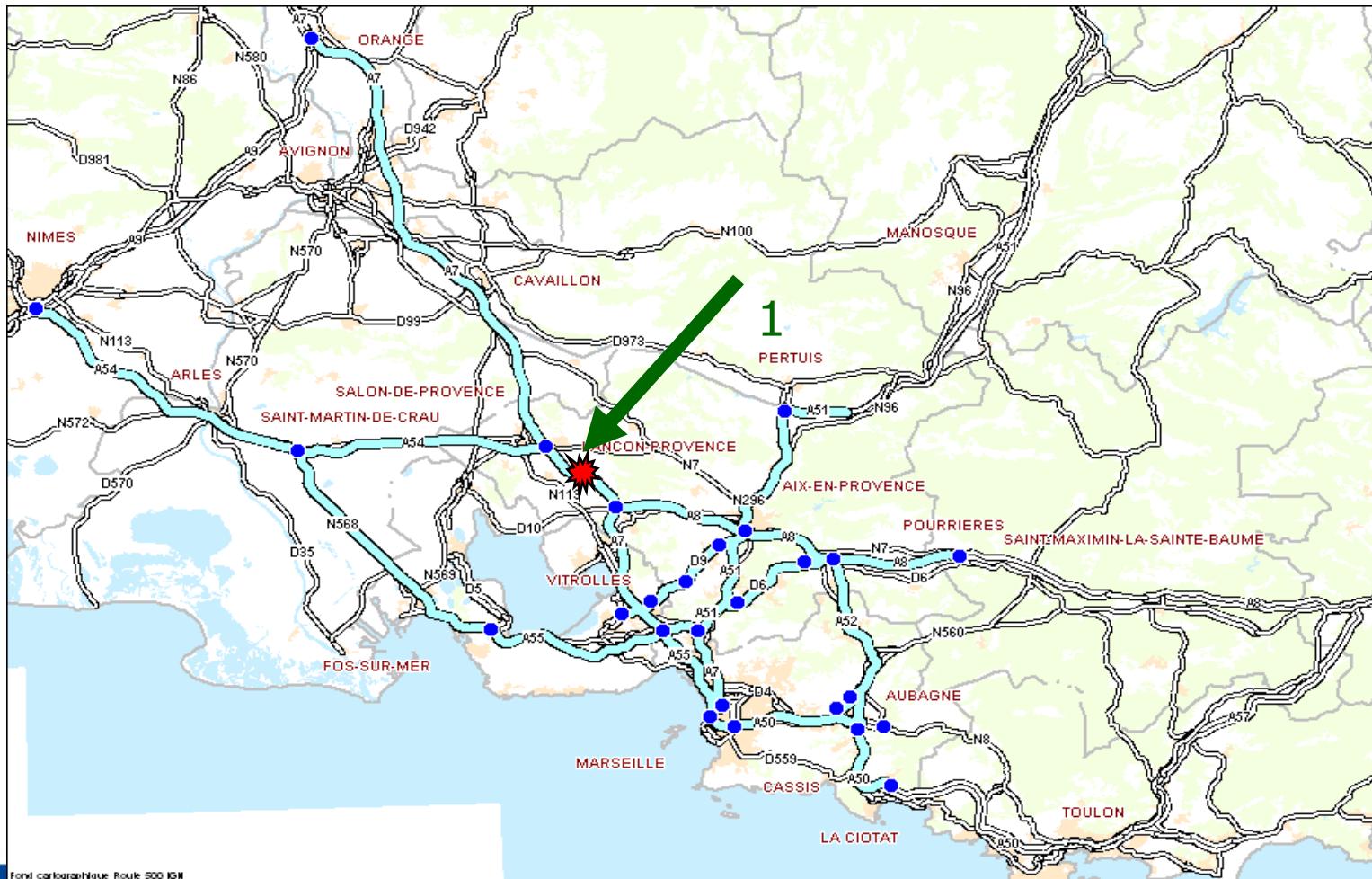
TMP Step 2 : *select the scenario in the decision table*

Trafic en amont du tronçon	Durée prévisible de l'incident		
	< 2heures	2 à 6 heures	> 6 heures
Faible	S1	S2	S3
Fort	S2	S3	S3

2
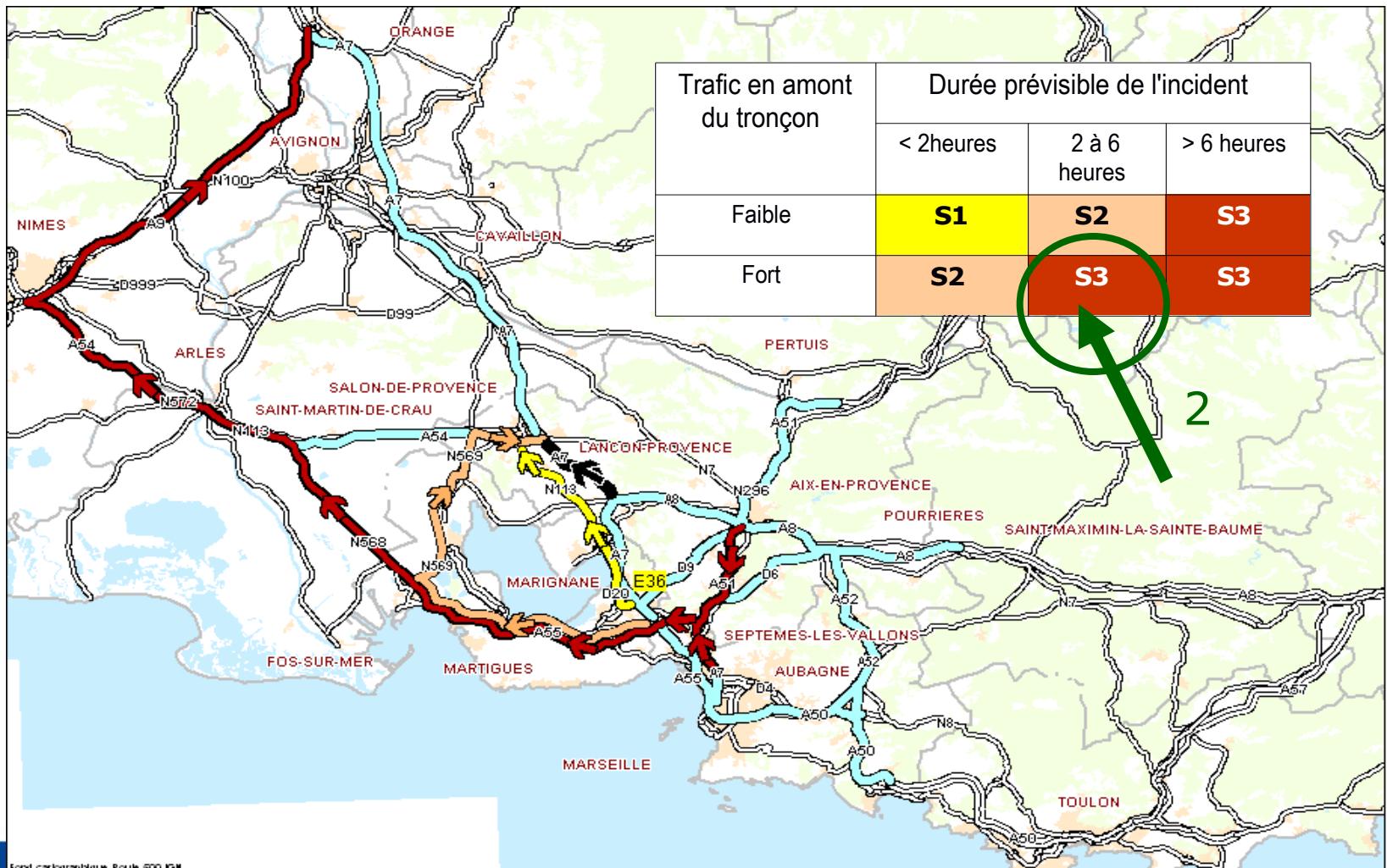
TMP Step 3 : select measures in the scenario

3

	Codification	Intitulé	Portée
Scénario 3 SC3	**E**	**Echange d'information**	
	Del TV A7a-2 .	**Depuis l'autoroute A7, conseil de délestage par A7, A55, N568, N113, N572, A54 puis A9**	**Zonale avec accord local**
	Del TV A7/A55c-1	**Depuis l'autoroute A7 nord, conseil de délestage par A7, A55, N 569, N1569, N569 puis A54**	**départemental**
	Del TV A8/A51a-2	**Depuis l'autoroute A8, conseil de délestage par A51, A7, A55, N568, N113, N572, A54 puis A9**	**Zonale avec accord local**
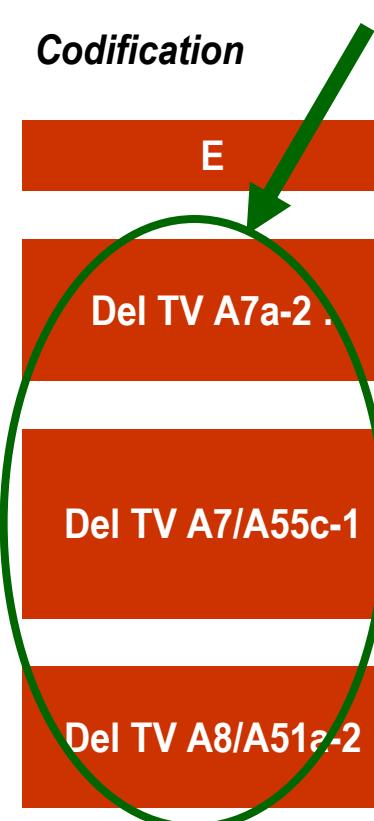
TMP Step 4 : partners apply measures details

A7 PR 248,750 Coudoux
**A7 coupée
suivre A8-A51
Ecoutez 107,7**

A8 PR 5,15
**A7 coupée
=> Lyon
Sortie 28
obligatoire**

Indiquer manuellement
A7 coupée
=> Lyon
Ecoutez 107,7

A8 PR 22,15
**=> Lyon
Suivre
A51 Marseille**

A8 PR 33,60
**A7 coupée
=> Lyon
Ecoutez 107,7**

A52 PR1,8
**A7 coupée
=> Lyon
Ecoutez 107,7**

A7 PMV DDE En com.
**A7 coupée
=> Lyon
suivre Fos / mer**

A7 PR 274,575 St Antoine
**A7 coupée
=> Lyon**

A7 PR 282,460 Guesde
**A7 coupée
=> Lyon
Ecoutez 103,6**

A51 PR 12,886 Luynes
**=> Lyon
suivre Fos / mer**

N568 PMV DDE En com.
**=> Lyon
suivre Nîmes**

A7 PR 264,692 Agavon
**=> Lyon
suivre Fos / mer**

ESG2 Supporting Action
TMP & Navigation systems

3 level for studies

- Deployment guidelines *(DG for mature services)*

    - *Dynamic lane management*   *- Ramp metering*
    - *Hard shoulder*   *- Incident warning and management*
    - *HGV overtaking ban*   *- Variable speed limit*
    - *TMP*

- Supporting actions *(studies for corrective measures / foster implementation / improve performance by including external EW stakeholders)*

    - *Decision support systems*   *TMP and DATEX II*
    - *TMP and navigation systems*   *HGV storage in crisis situation*

- Viability studies *(prospective studies for potential future services)*

    - *TM and conurbations*   *TM and environmental measures*

Real time traffic management mesures

TM measures → TM decisions → Data distribution

TM decisions boxes: national TCC, Motorway TCC, regional TCC, Authorities

Data distribution boxes: Itinerary providers, Map on internet, Map makers, Radio broadcaster, RDS TMC, DSRC transmitters, Internet providers → Off board driver, On board driver
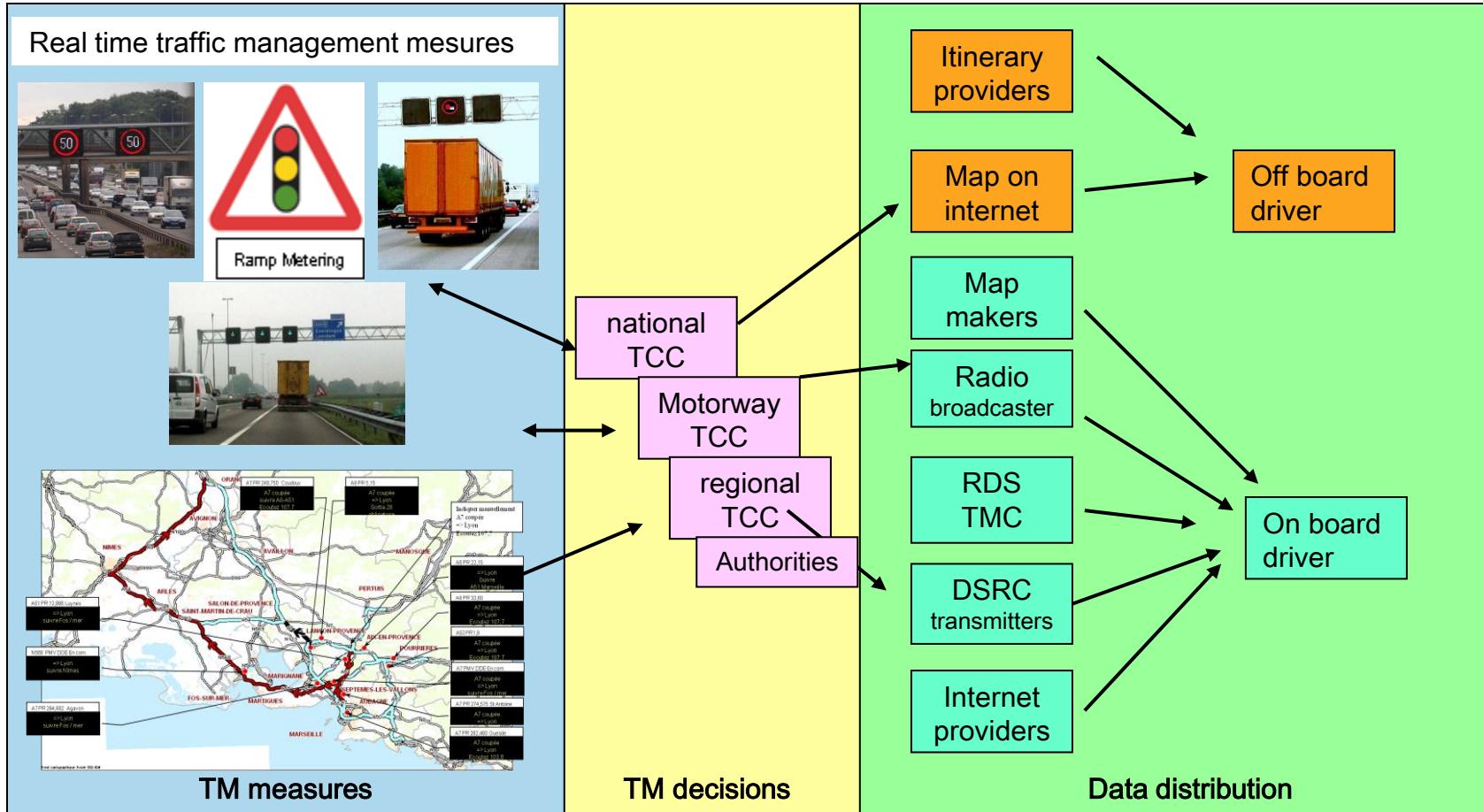
- **Develop agreements (navigation system stakeholders and road/public authorities)**

- **Ensure coherency provision of rerouting information during crisis situation when public authorities manage the coordination of TMP**

4 steps for the study:

- **Identification of study perimeter**
  - *Limit on TMP rerouting*

- **Identification of partners and stakeholders**
  - *Submission of a questionnaire for EW external stakeholders*
  - *Based on a concrete TMP example, better understand recommendations submitted by navigation service providers*
  - *Identify external EW stakeholders' interest for possible cooperation in this study*

- **Identification of issues**
  - *List and analyse legal, commercial and operational locks for implementation*
  - *Identify DATEX II requirements for managing technical issues*

- **Find common views and propose Pilot for next step**

Many thanks for your attention

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