

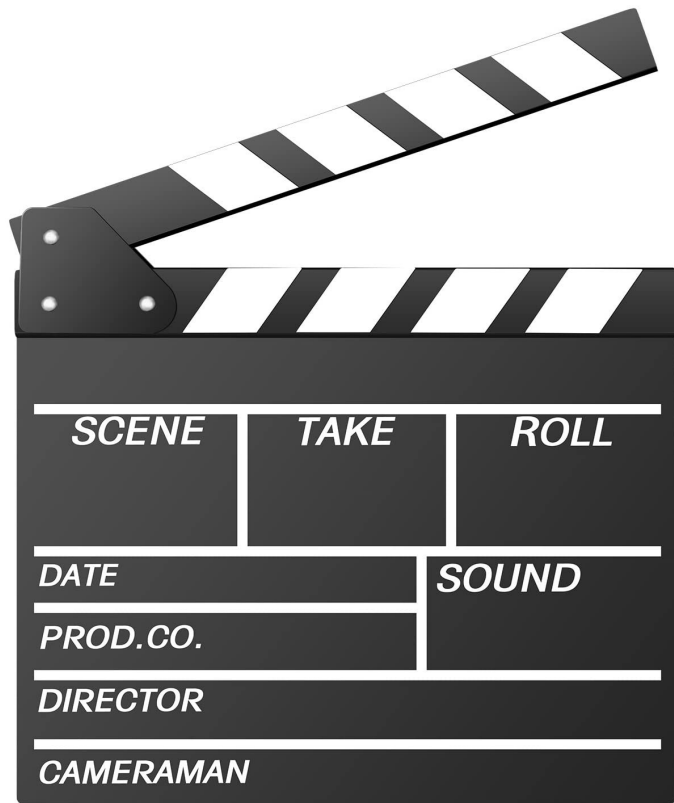
NeTEx Belgium & OSLO Dienstregeling en Planning

Thematische Werkgroep 1
08/02/2021

Practicalities

- Sound of the audience is muted.
- Questions, remarks or proposals can be shared via the chat function of MS Teams.
- Interaction is highly encouraged!
- Yes/no questions can simply be answered using +1 or -1 in the chat.

Recording?



Agenda

Introduction	10'
Recap business workshop	10'
Discussion core model	70'
Break	10'
Practical examples	50'
Q&A and discussion open issues	20'
Next steps	10'

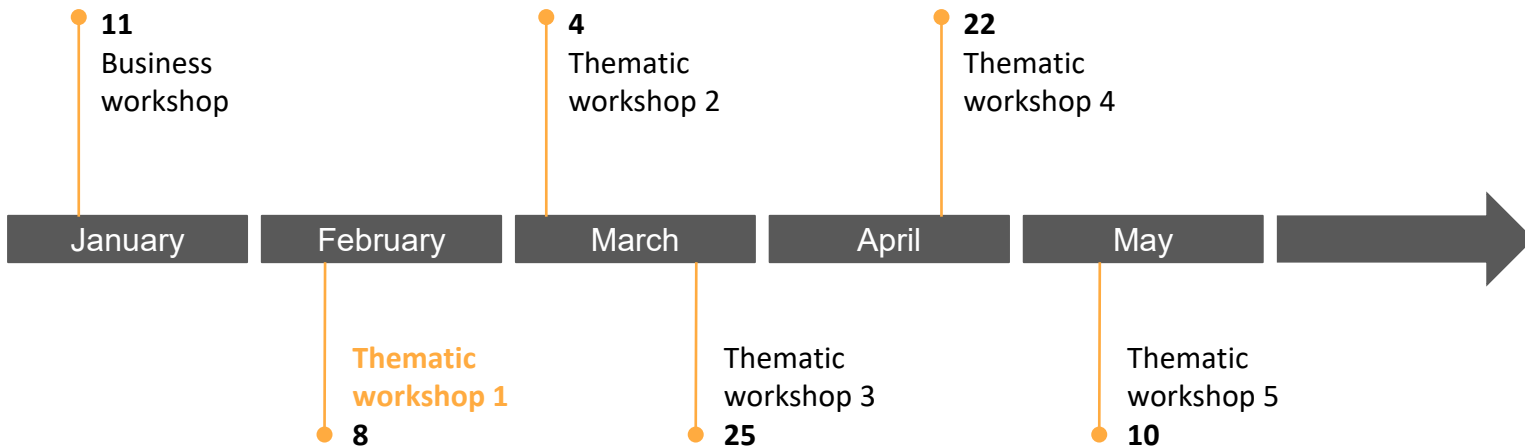
Round of the virtual table



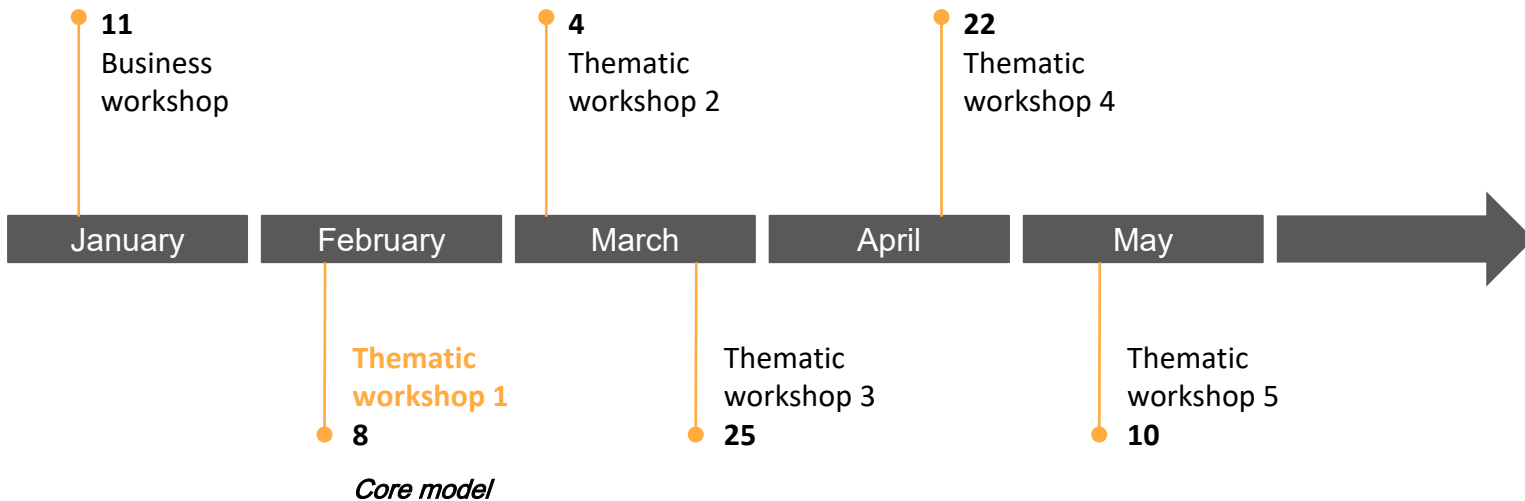
Thanks for participating!

In return, we promise we will generate
NeTEx data for you by June 2021, to
upload to the NAP, for free.

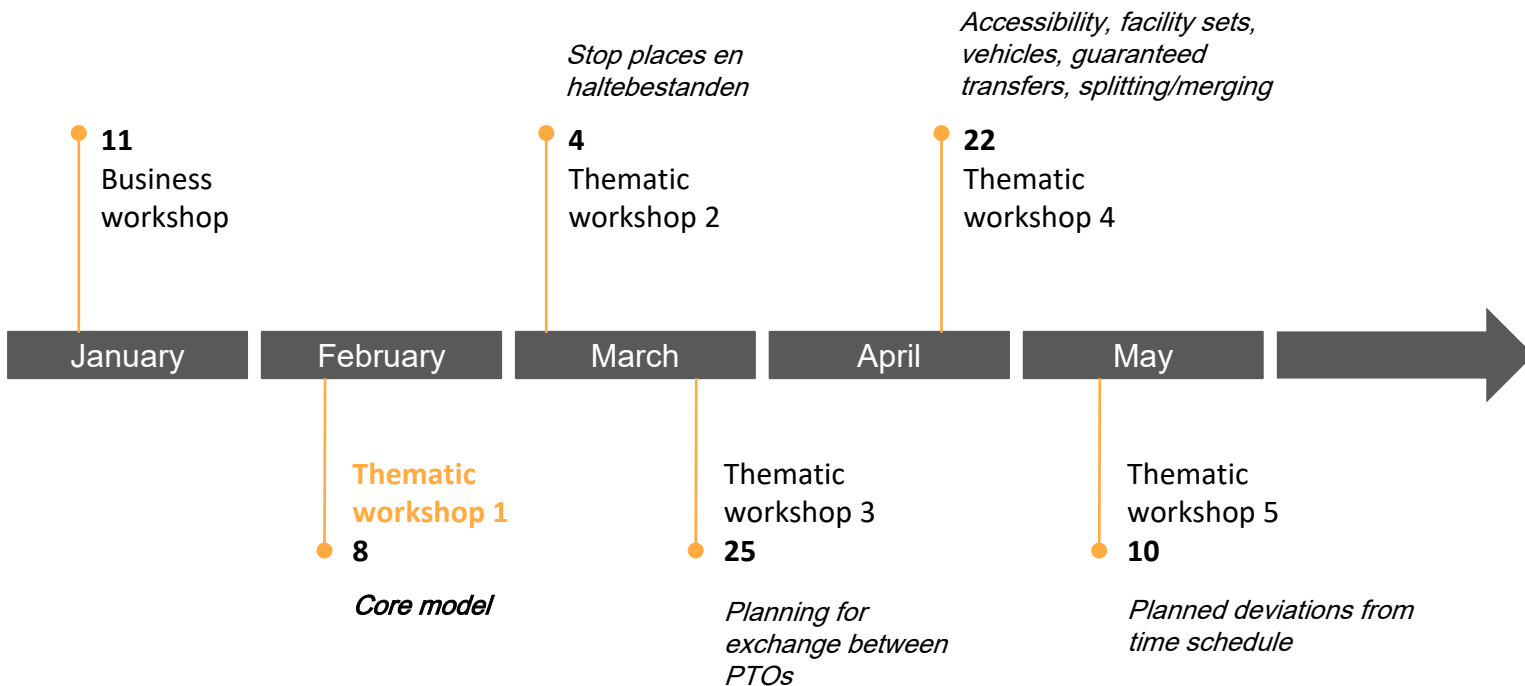
Current position in timeline



Current position in timeline



Current position in timeline



Recap business workshop

We are ...

Creating a Belgian standard compliant to Europe: **NeTEx Belgium**

Creating a Flemish standard: **OSLO Dienstregeling en Planning**

In order to ...

Provide EU standardized timetable information to travellers

Provide an updated planning interchange format between PTOs

Provide information about multimodal stops in a standardized manner

Connect to the (upcoming) Mobipunt/Hoppin point standard

Take advantage of the diversions information in the Roads standard

Key points Business Workgroup

1. Definition of schedule

- Timetables
- Schedule

2. Arrangements BLTAC

- Use them as a starting point for this discussion
- But also as a foundation for new arrangements

3. Scope

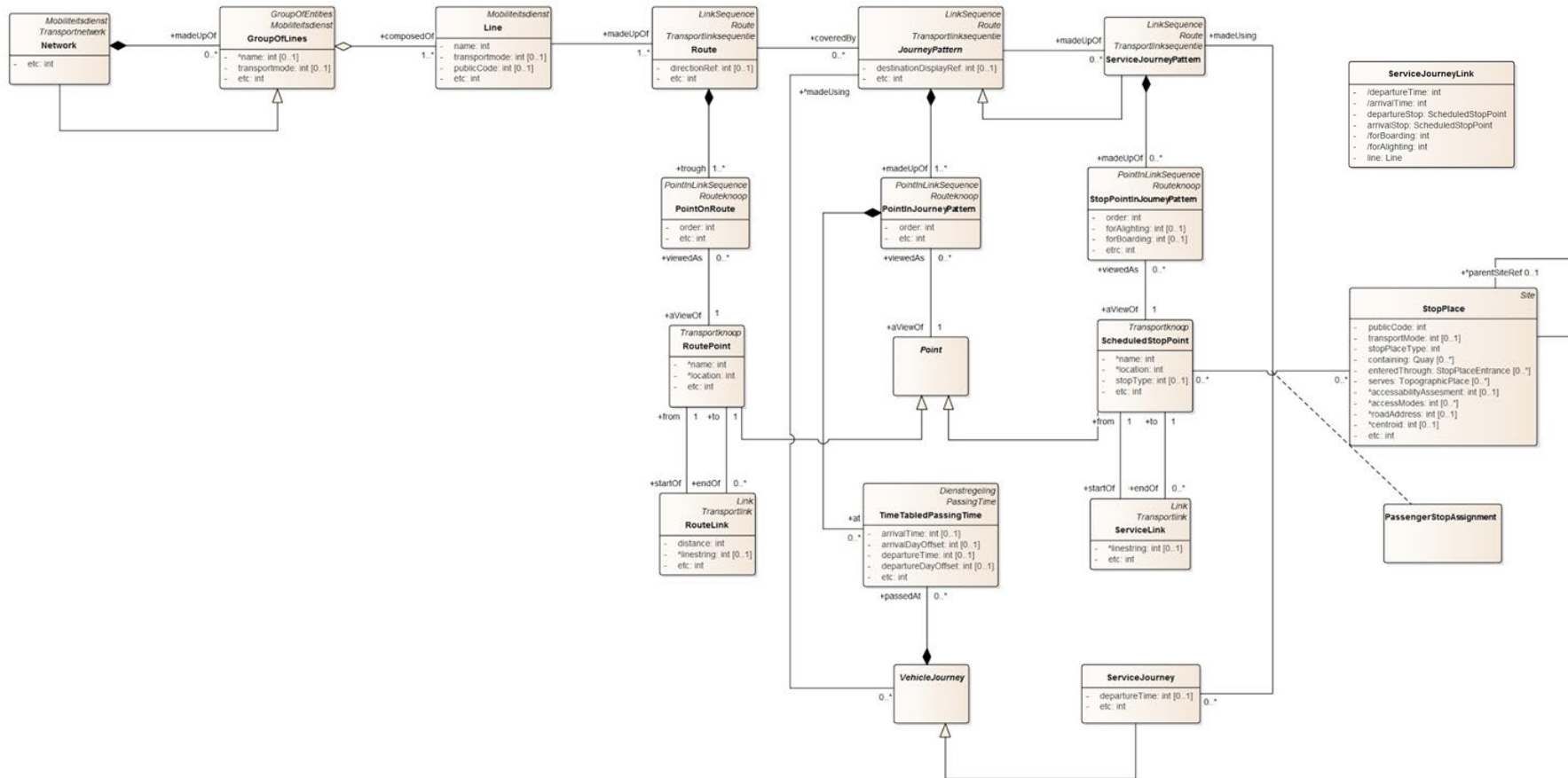
- Within scope: Planned data
- Out of scope: Delays, disturbances and fares

Use cases and application profiles

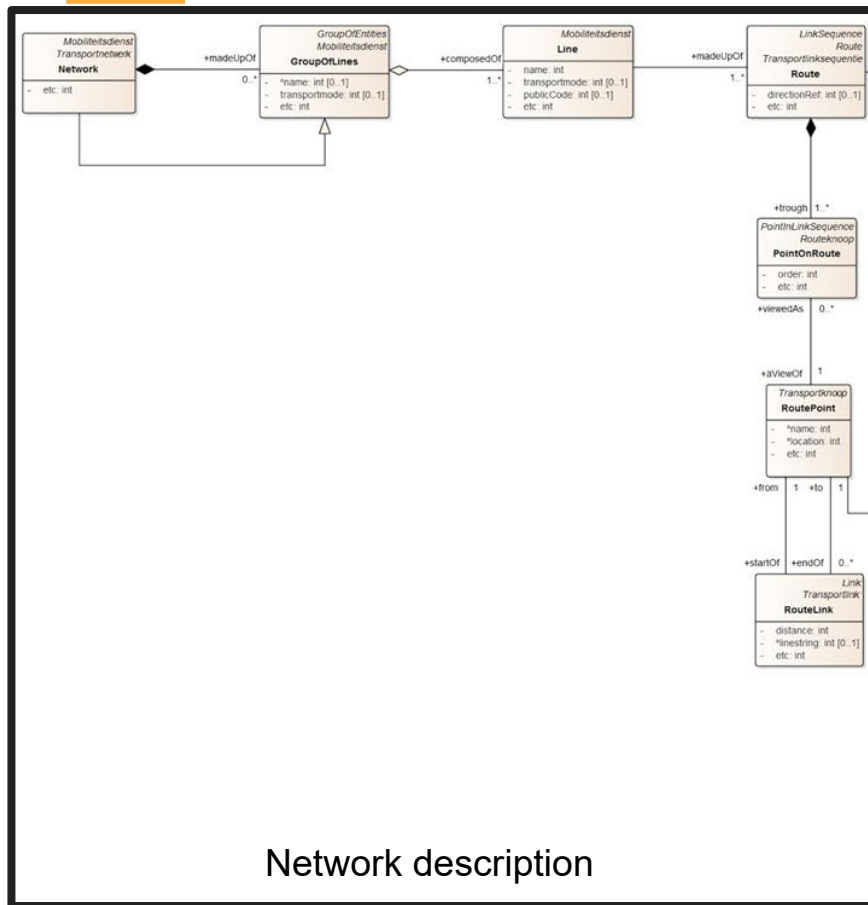
- PoV of the traveller (timetables)
- PoV of the PTO (planning)
- PoV of the route planner (towards execution)
- Stop place registry (*Haltebestand*)

Discussion core model

Core model

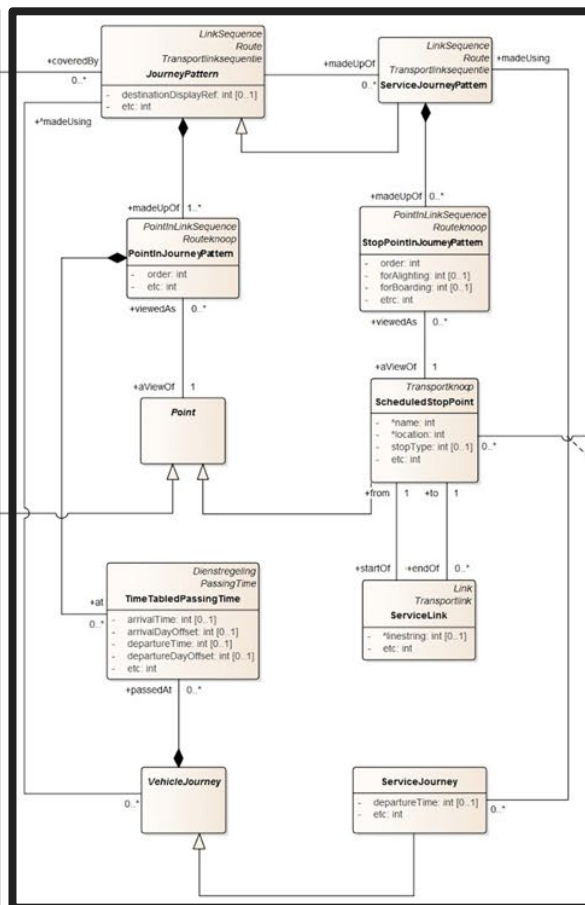


Core model

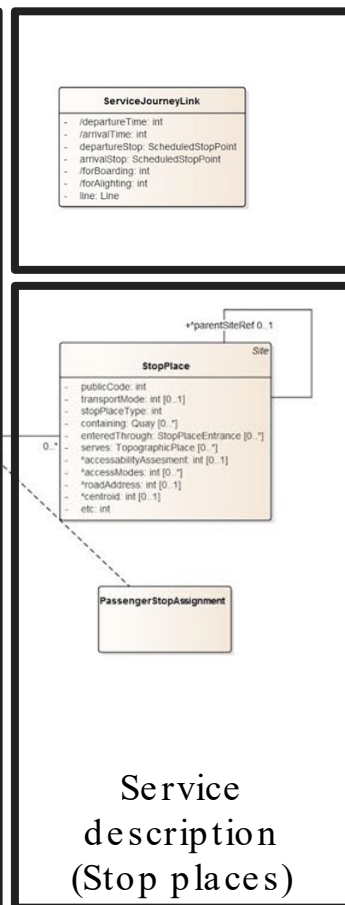


Network description

Service description (time tables)

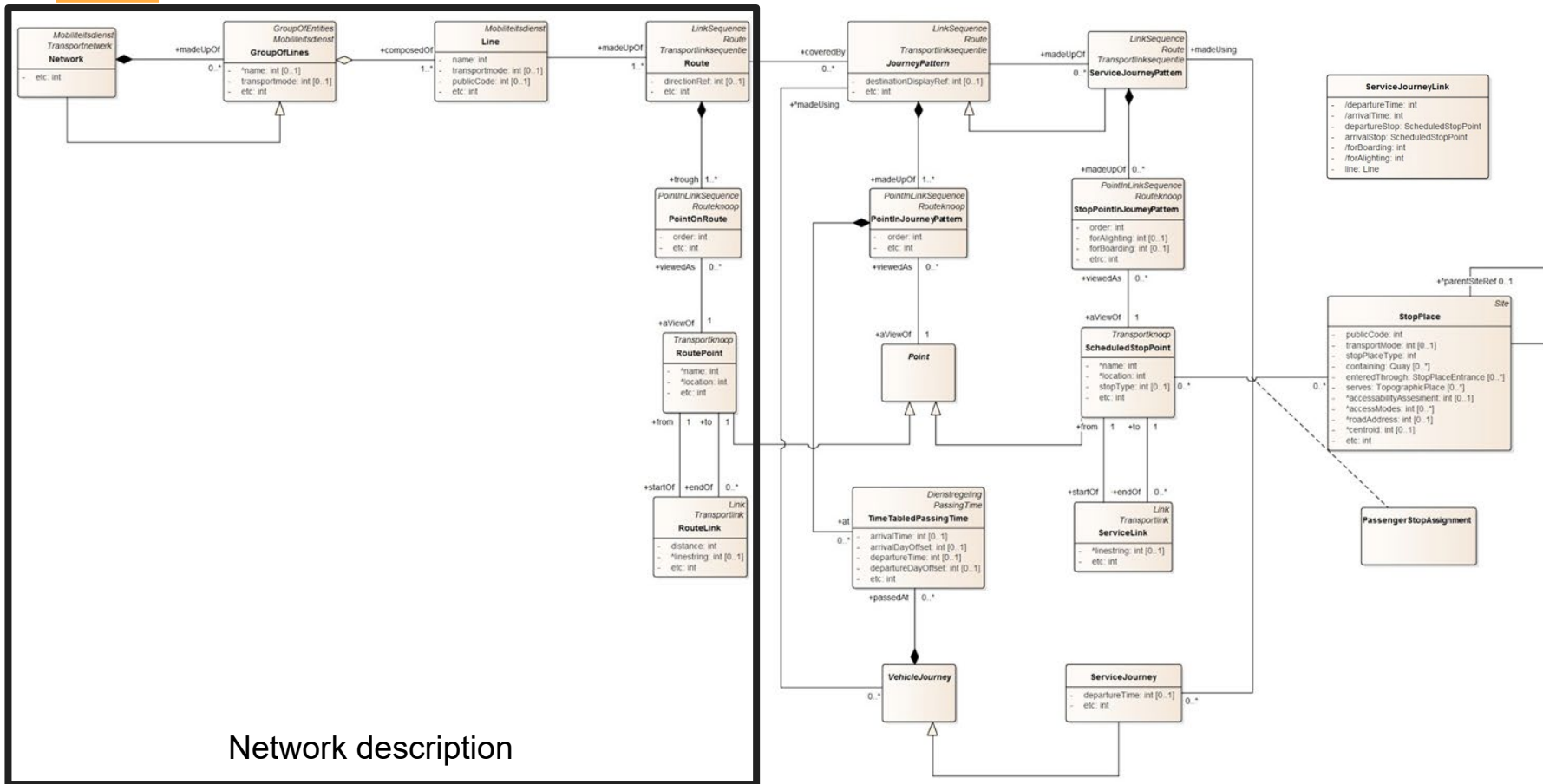


Route planning



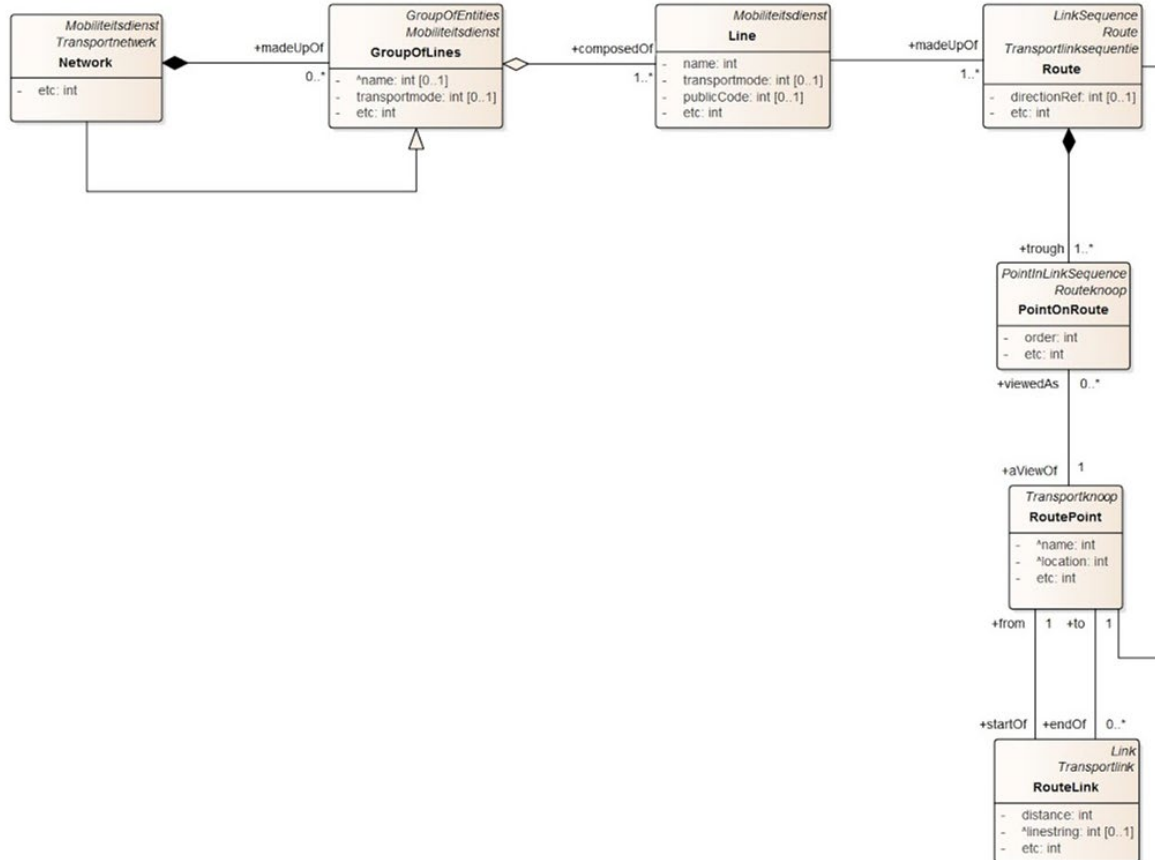
Service description (Stop places)

Discussion core model

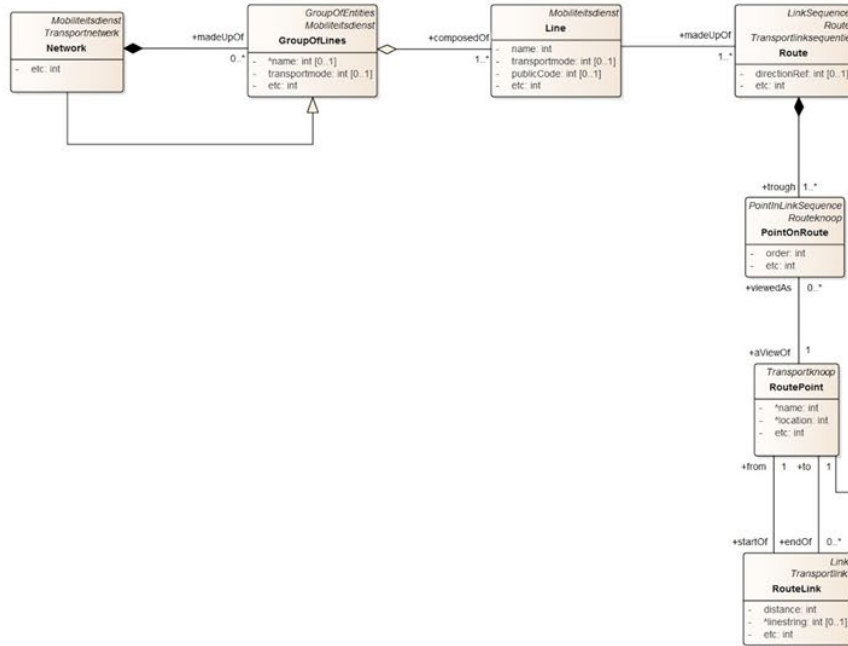


Network description

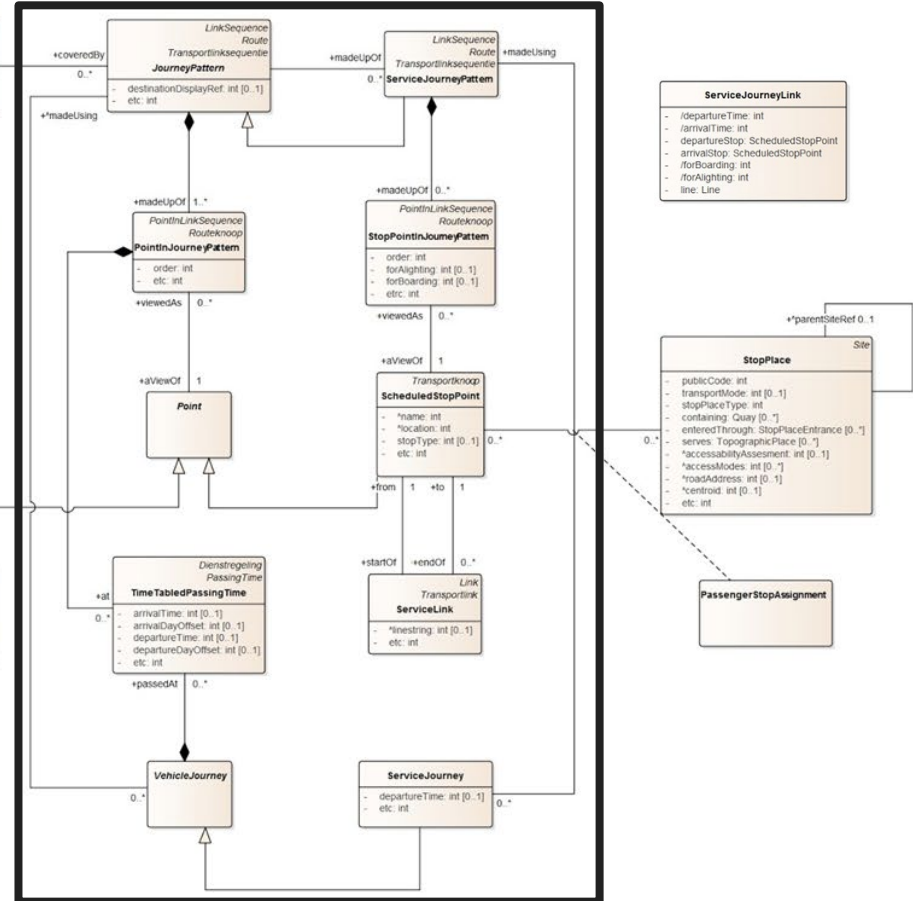
Network description



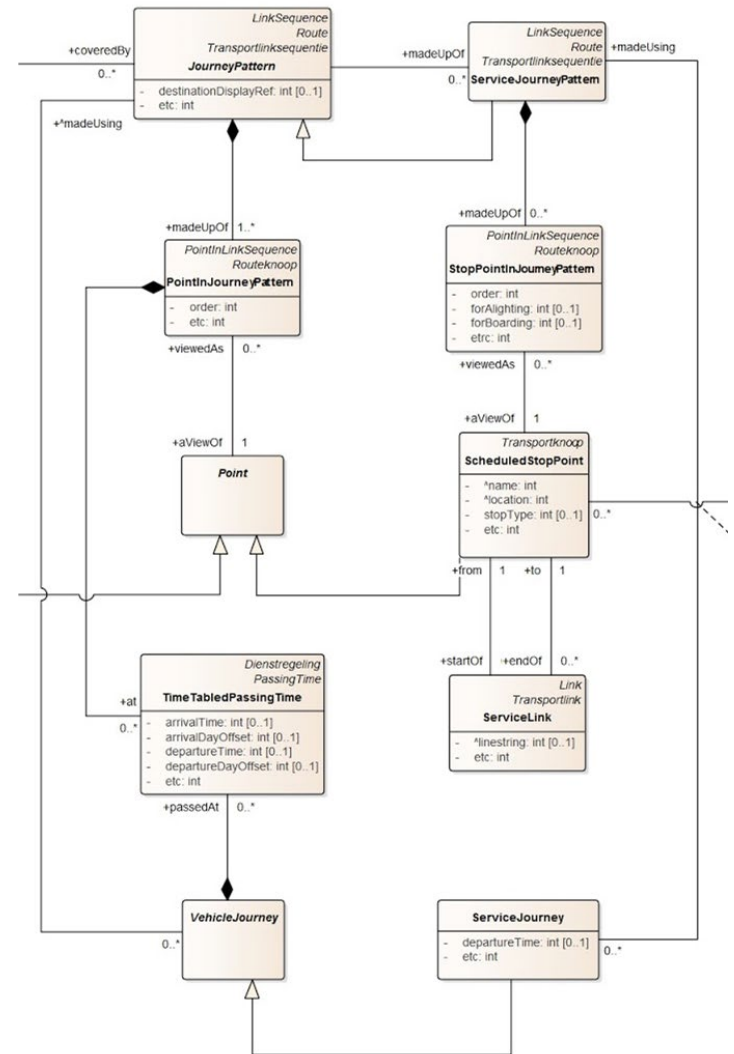
Discussion core model



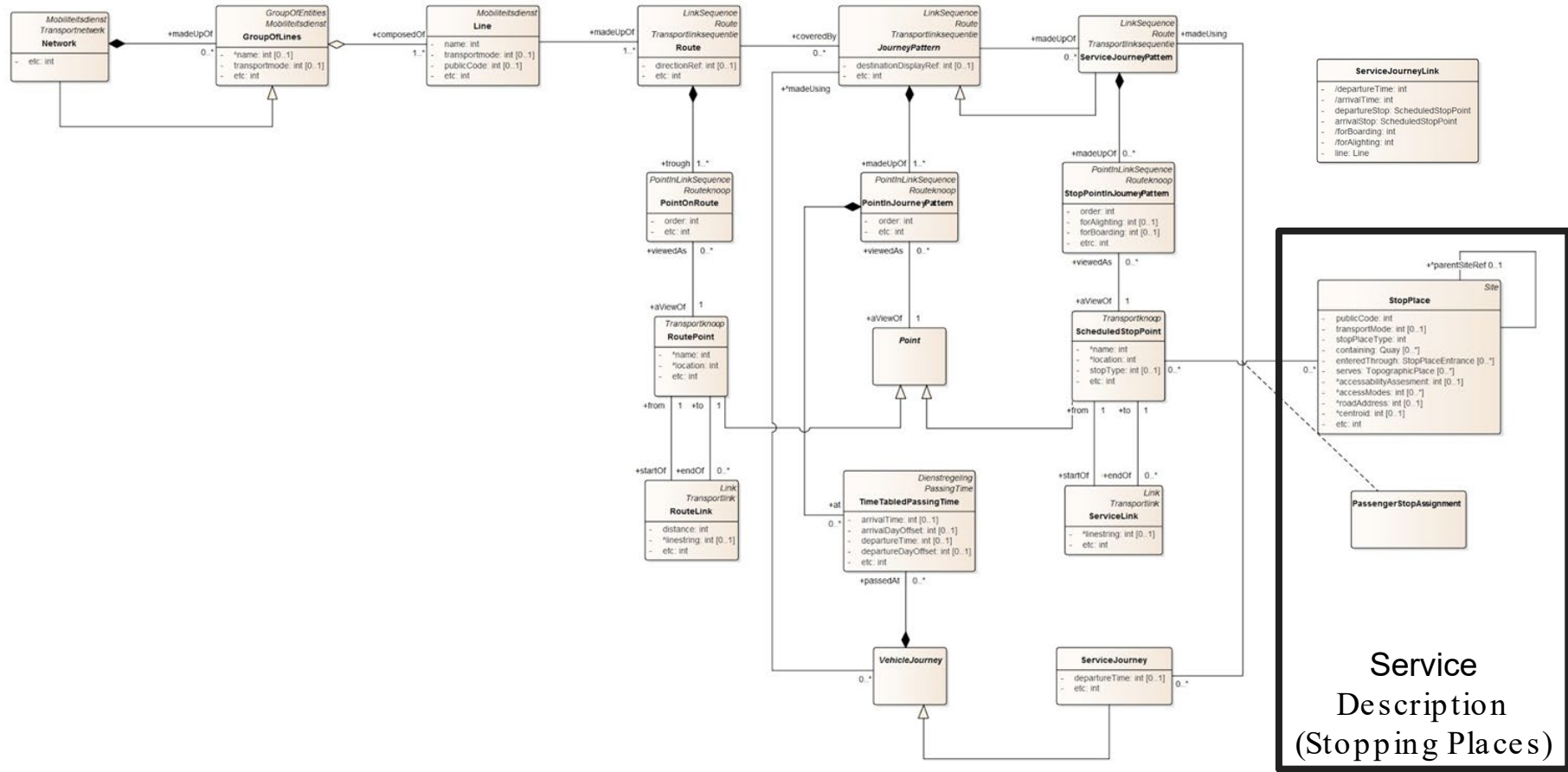
Service description (time tables)



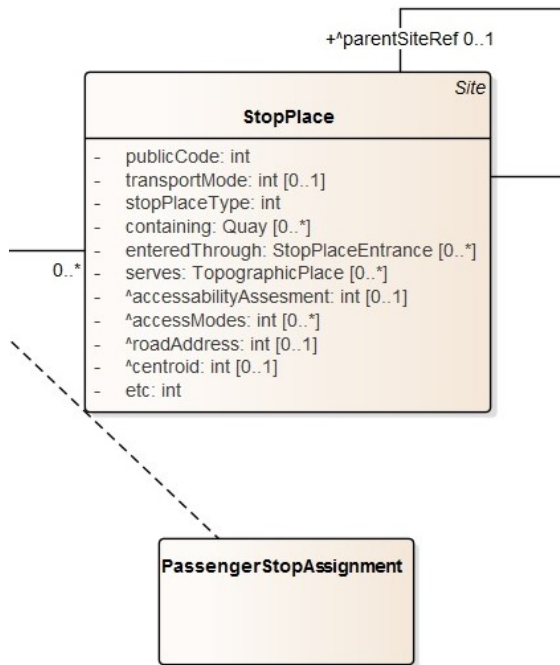
Service description (time tables)

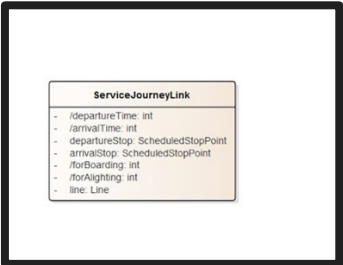


Discussion core model



Service description (stopping places)



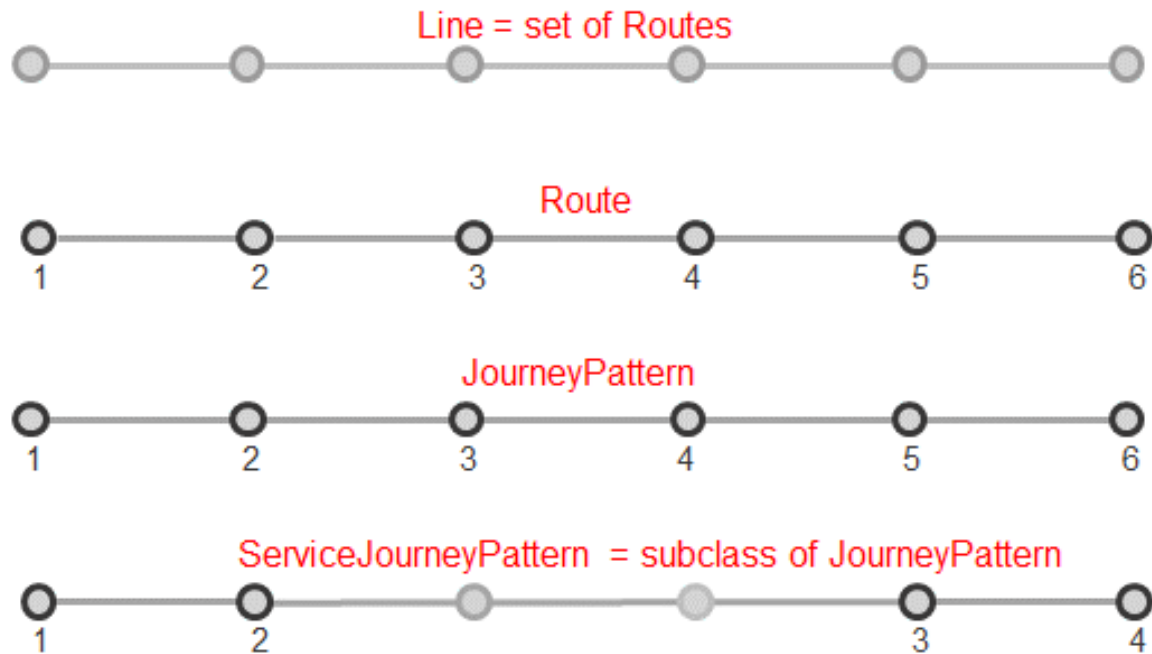


Routeplanning

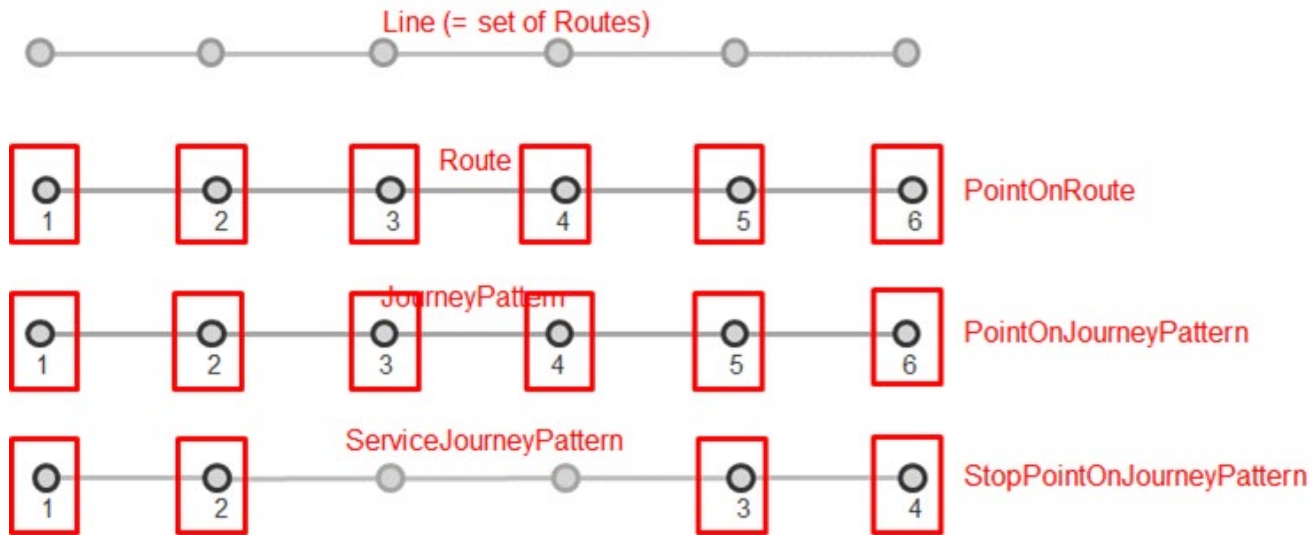
ServiceJourneyLink

- /departureTime: int
- /arrivalTime: int
- departureStop: ScheduledStopPoint
- arrivalStop: ScheduledStopPoint
- /forBoarding: int
- /forAlighting: int
- line: Line

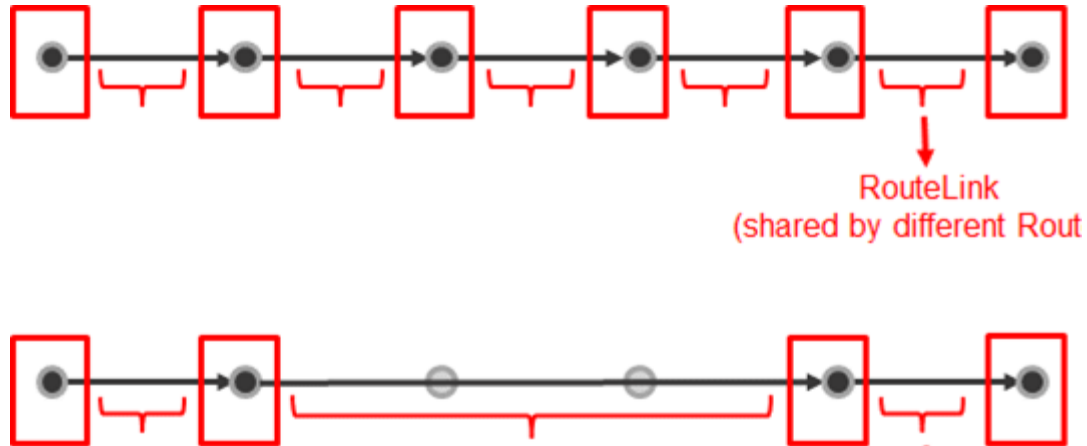
Discussion core model



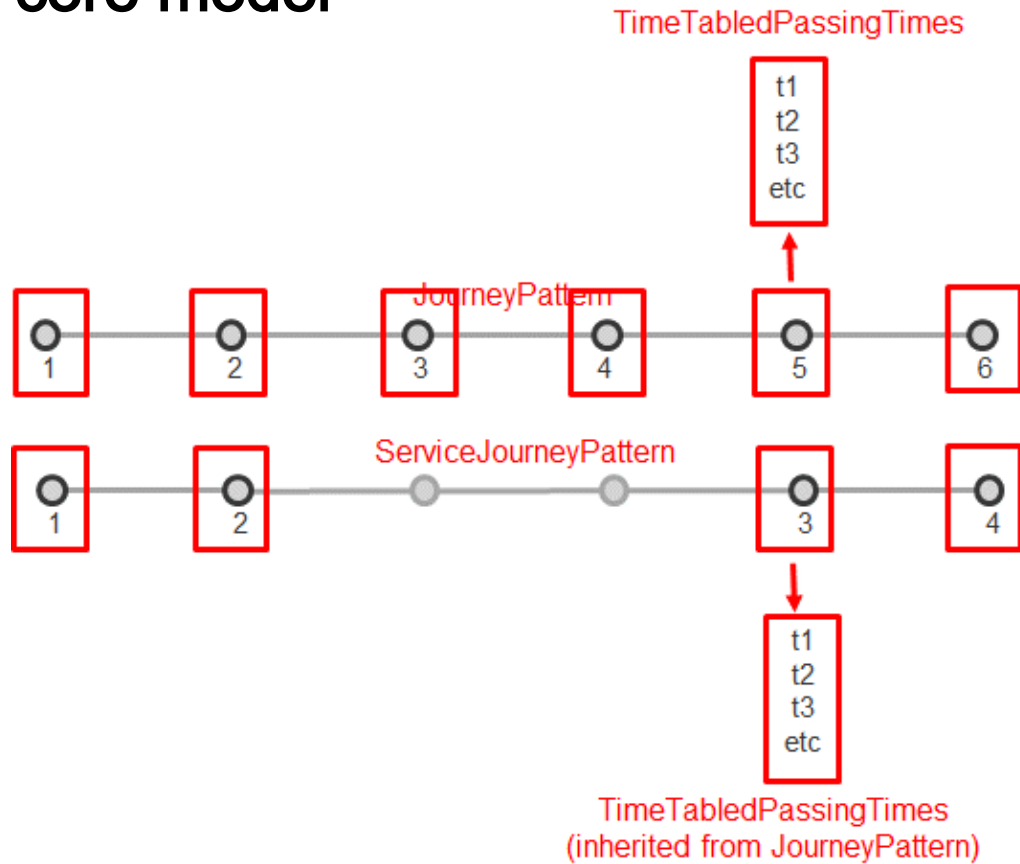
Discussion core model



Discussion core model

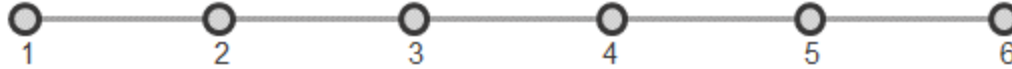


Discussion core model



Discussion core model

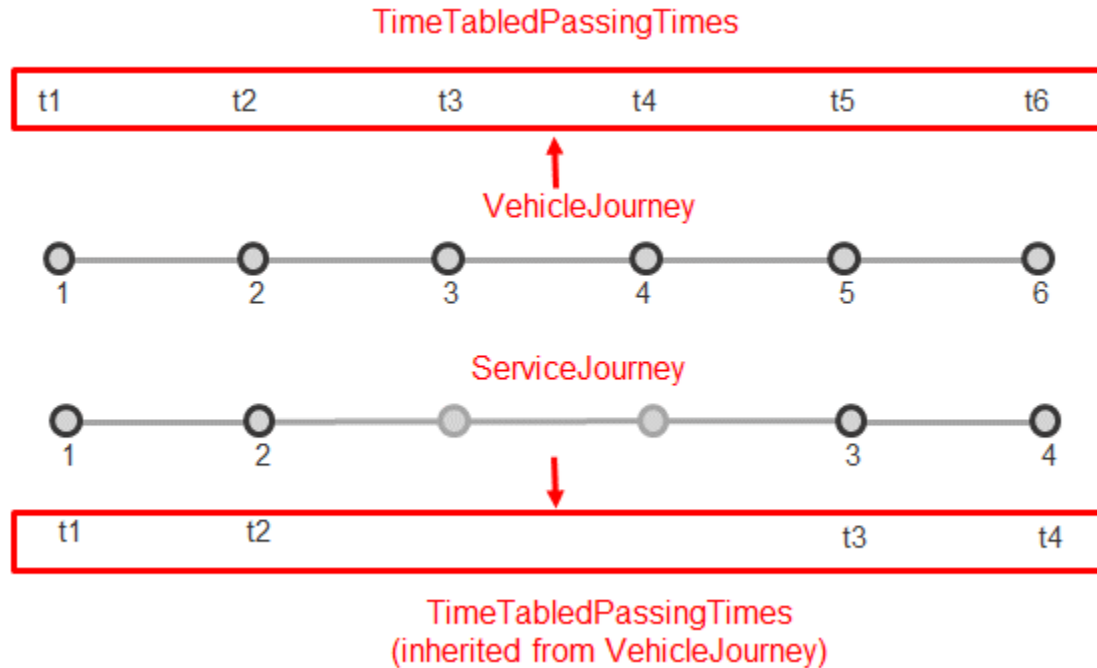
VehicleJourney = Journey following a Journeypattern



ServiceJourney = subclass of VehicleJourney following a ServiceJourneyPattern



Discussion core model

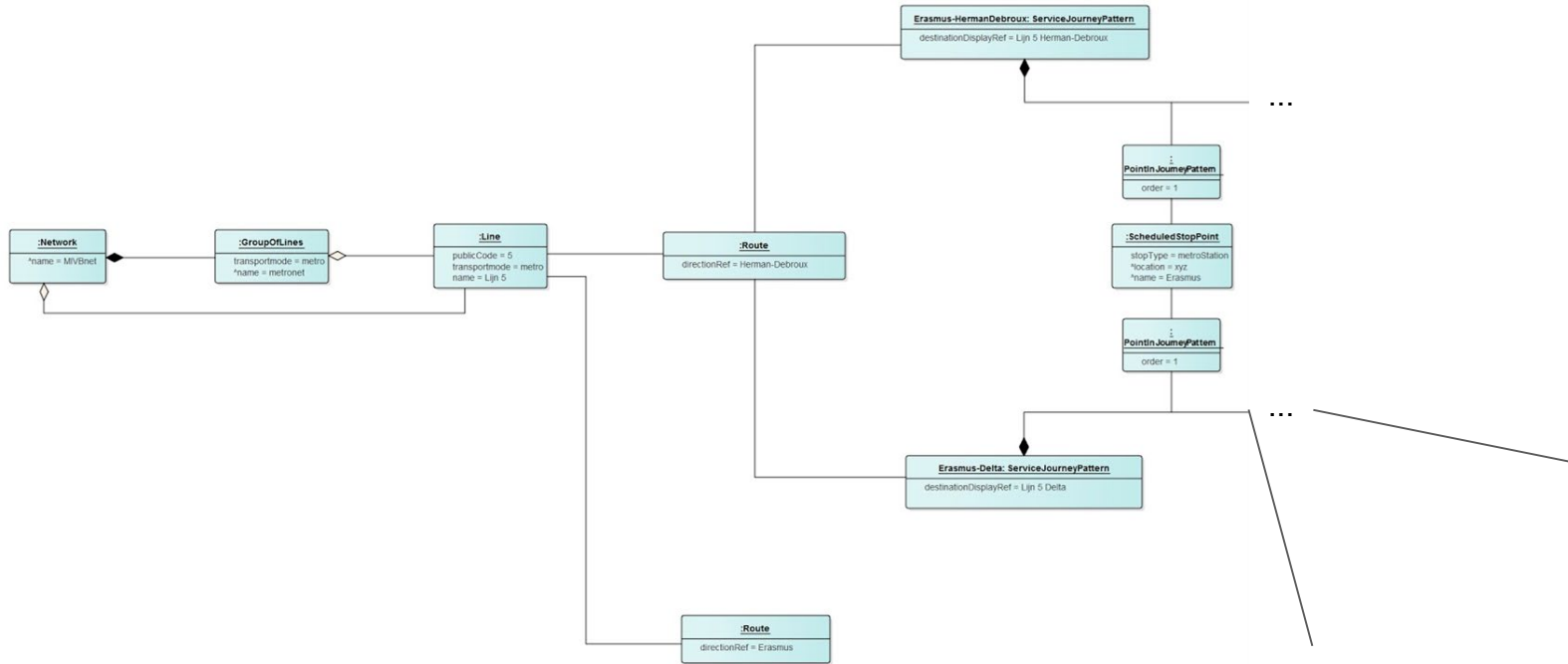




10' Break

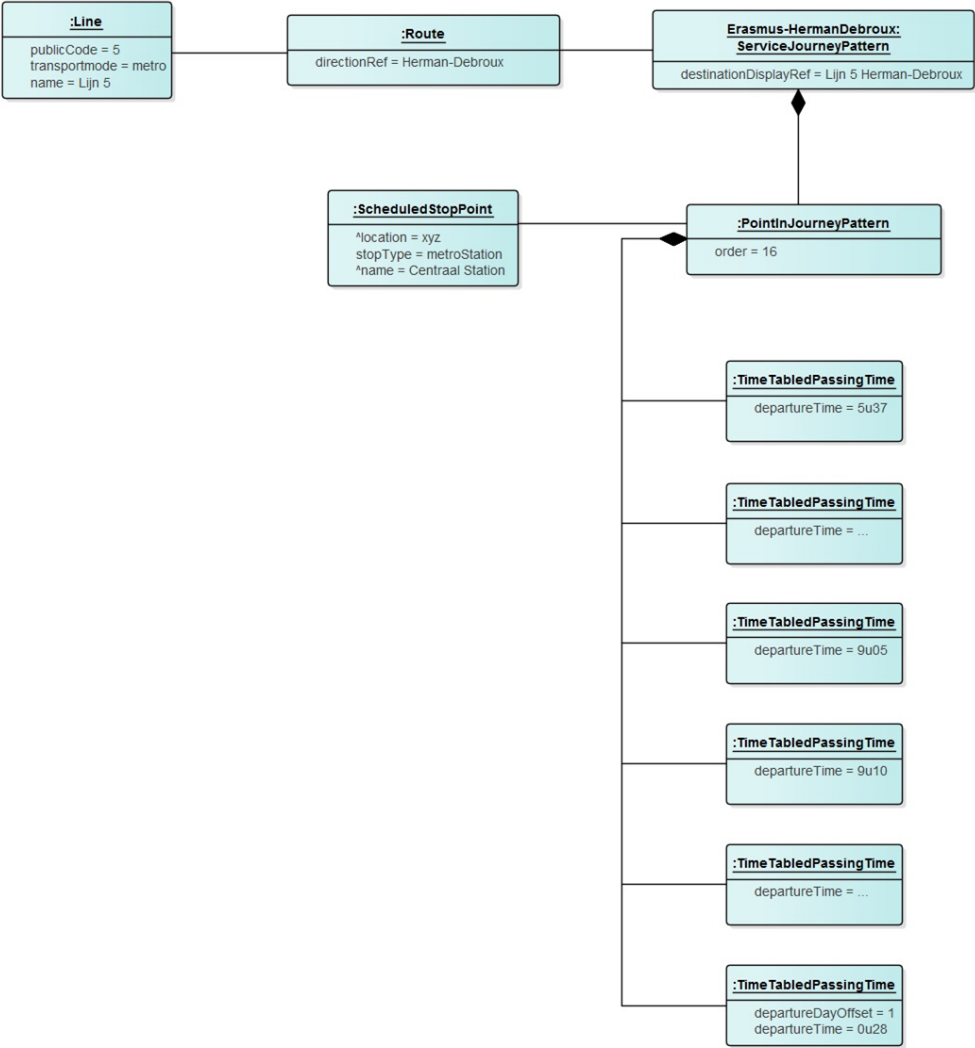
Practical examples

Lijn 5

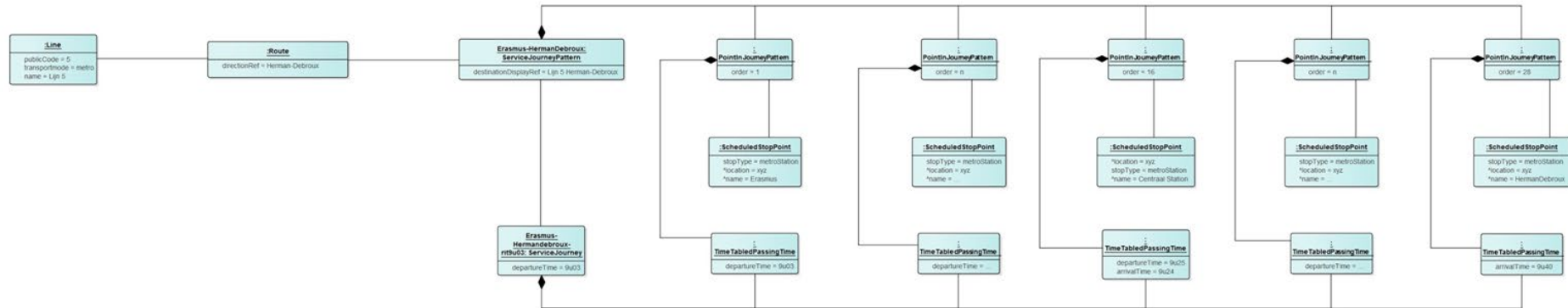


Doorkomsten Lijn 5

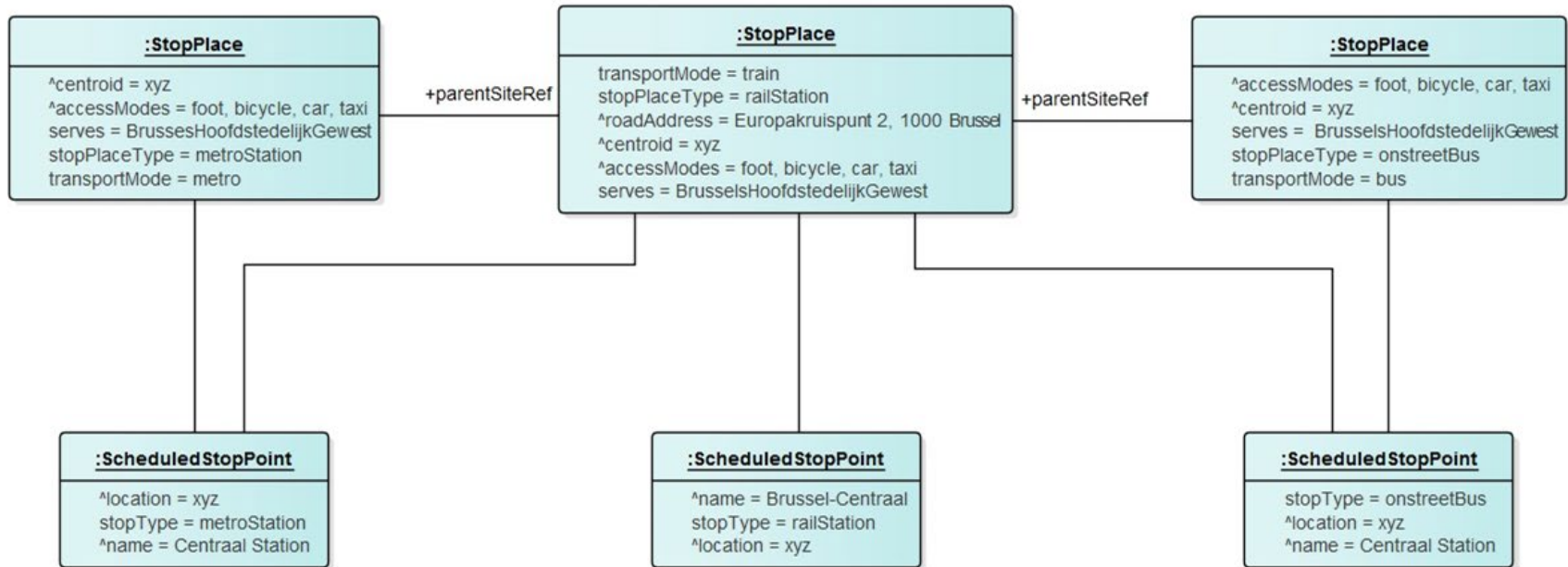
Centraal Station



Doorkomsten Lijn 5 rit 9u03



Doorkomsten Lijn 5 rit 9u03



Q&A and Discussion open issues

Q&A and Discussion open issues

Why are we doing ... ?

Wouldn't it be better if we ... ?

What about ... ?

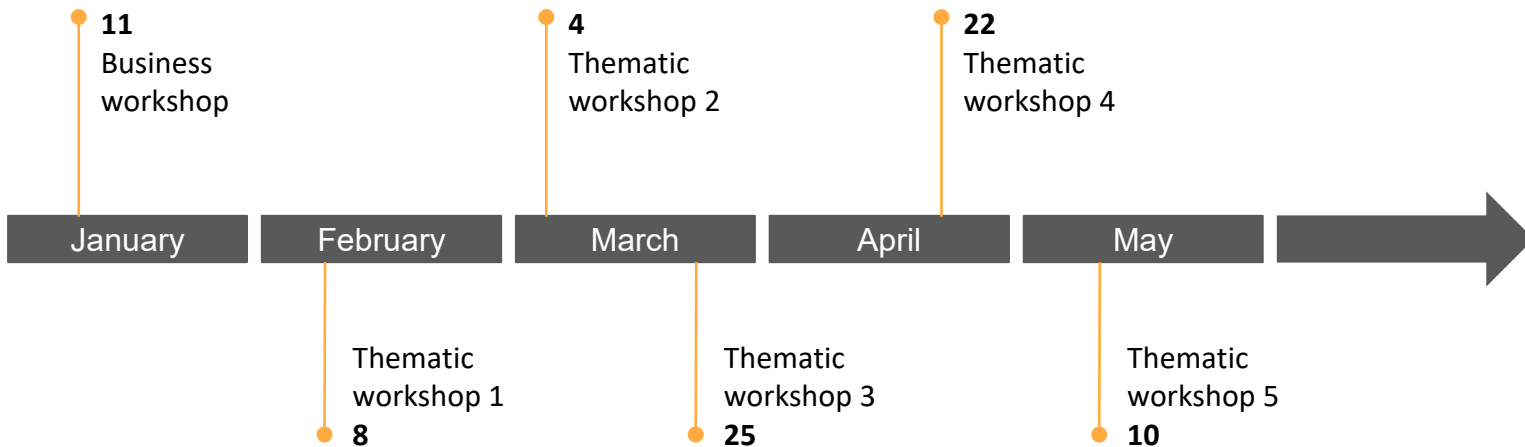
Shouldn't we add ... ?

Why don't we ... ?



Next steps

Timeline



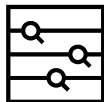
Next steps



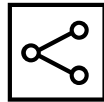
Processing all your input from this thematic workshop.



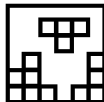
Sending out a report of this workshop. Feedback is certainly welcome!



Further investigate where we can align with existing standards.



Capturing feedback via Github.



Continue developing the application profile.

Action points

- Review the application profile that we will send to you.
 - Give feedback via GitHub or email.
 - Ask questions.
- Respond to open issues.
 - See GitHub!
- We will send a mail with all relevant information.

Feedback



Feedback can be given via mail to:

- dimitri.schepers@vlaanderen.be
- tim.coninx@delijn.be
- pieter.colpaert@ugent.be



Feedback can be given on Github:

<https://github.com/Informatievlaanderen/OSLOthema-mobiliteitDienstregelingEnPlanning/issues>

Thanks!