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<https://its-norway.no/en/arrangementer/nordic-webinar-nomad-second-european-conclave-on-maas/>

Nordic+ 2. Conclave

GBFS for micro-mobility

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Let's meet! I am Brede



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Using standardisation as a tool, an open-source evangelist,
building community and infrastructure for the future



Norwegian, English

Governance



The
Government



Ministry of
Transport



Jernbane-
direktoratet

Norwegian Railway Directorate

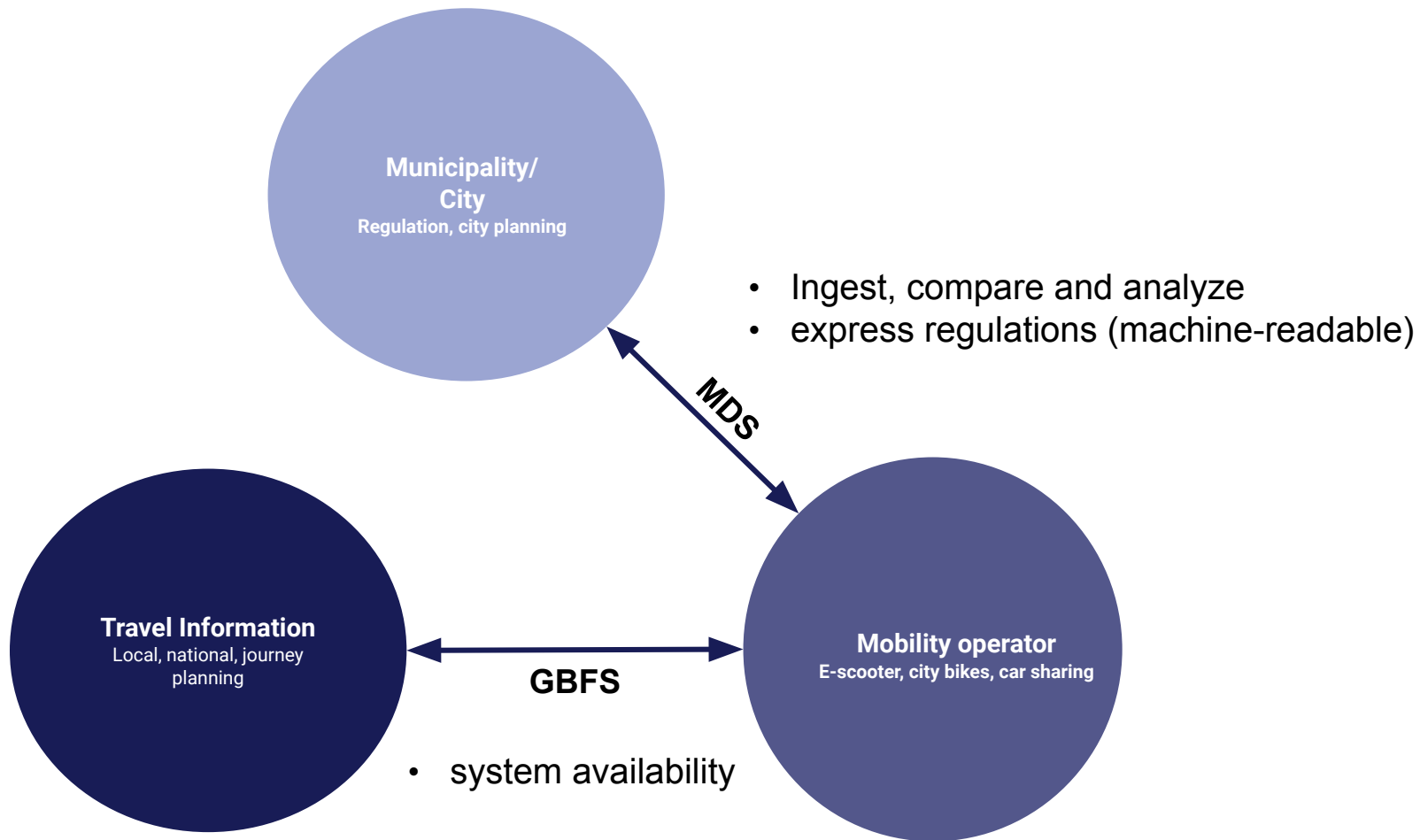
Railway
Directorate
Handbooks

ENTUR

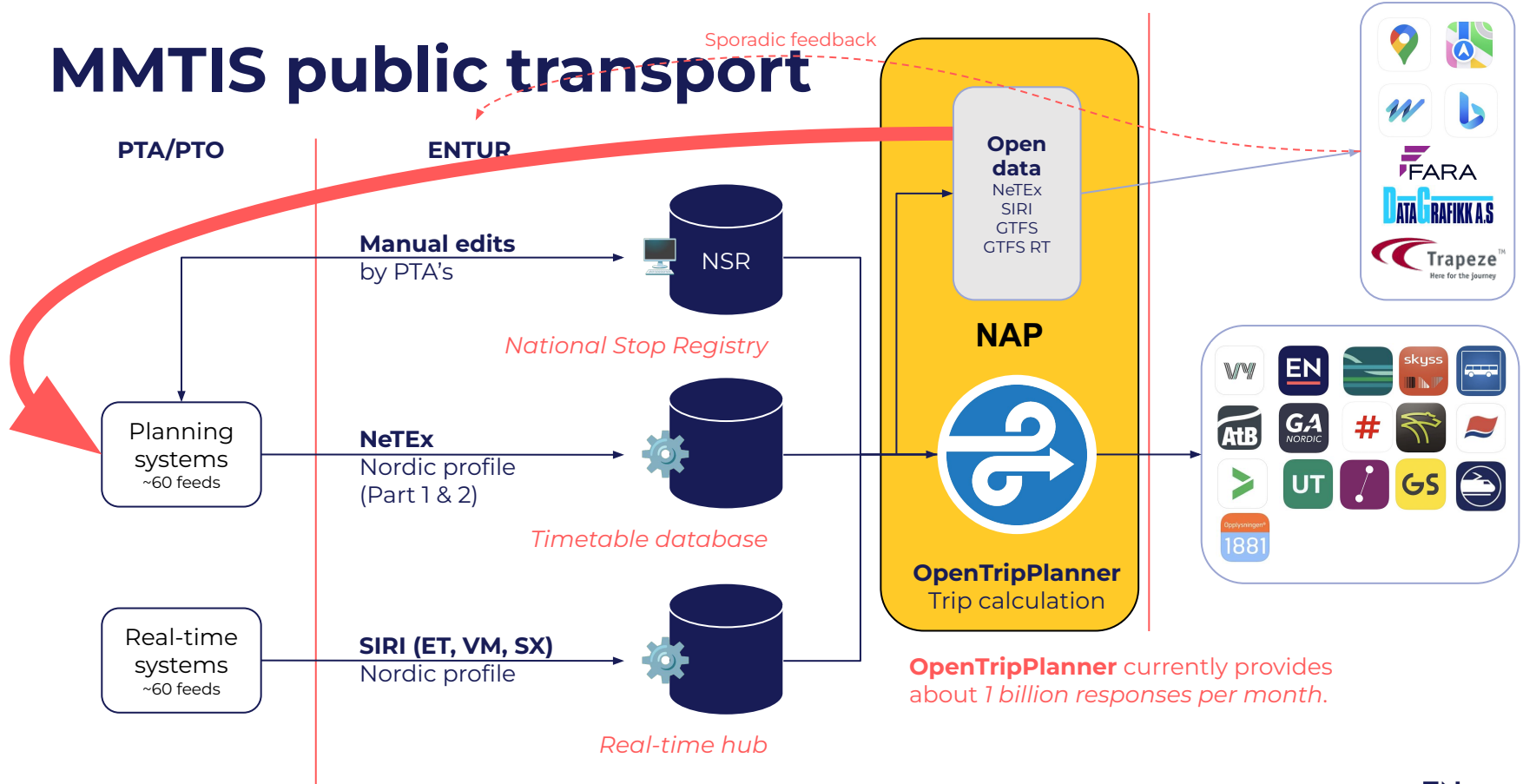
Entur AS
Profiles



MMTIS open data requirements

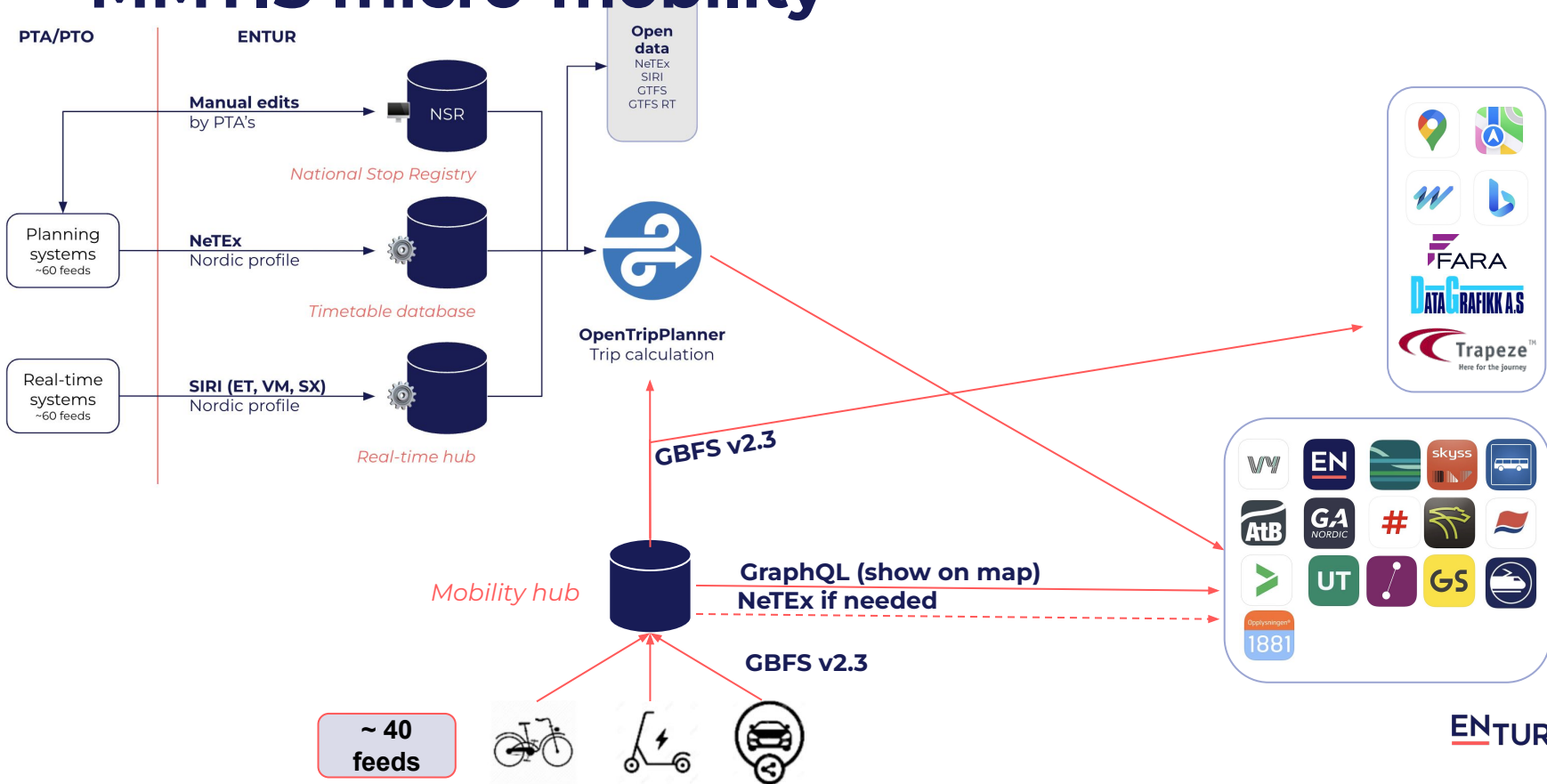


MMTIS public transport

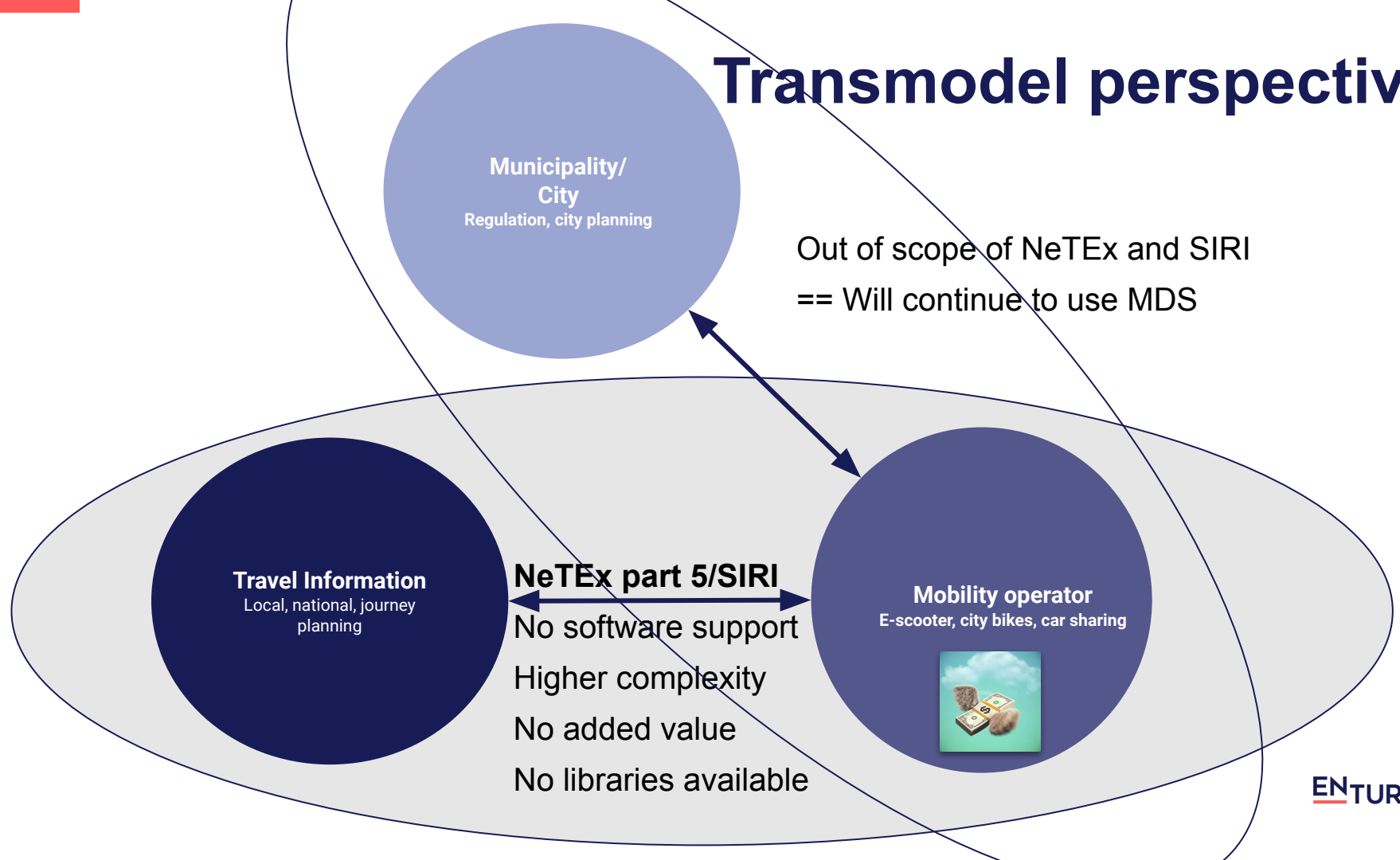


OpenTripPlanner currently provides about 1 billion responses per month.

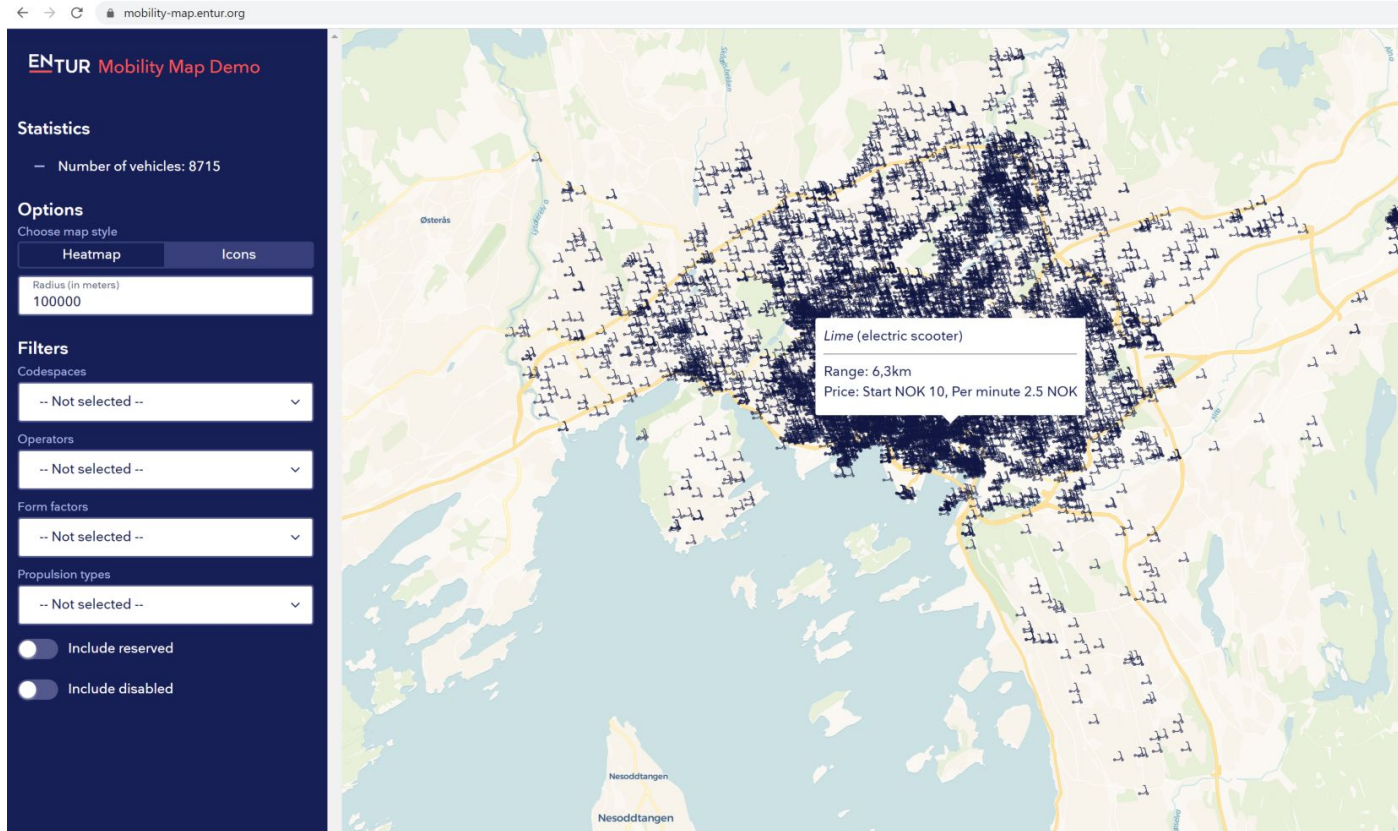
MMTIS micro-mobility



Transmodel perspective



Insights tool - mobility-map.entur.org



Usage of micro-mobility

In production with GBFS

- In trip planning api as access and egress
- Show price information, battery status, availability
- Show available vehicles in maps
- Next stop show available vehicles in onboard-screens
- Deep Link to operators app for booking and unlock

What we working on

- Support GBFS v3.0
- Integrate price, unlock/lock through TOMP-api
- Integrate free use through public transport tickets through TOMP-api

Clients will before summer season

- Use the trip planning api for more usage of micro-mobility in relevant apps
- Use the new pricing apis for more user-friendly multimodal usage

Summarize

At Entur we achieve all our goals (so far) with GBFS

Do we need to add complexity?

Do we need to add more burdens on the micro-mobility actors?

Do we need to reinvent the wheel?

Do we need to make an European proprietary solution?

... blocking us from collaborating cross continental!

Together we can go further

OpenTripPlanner developed for Transmodel + GTFS/GBFS

