Micromobility's contribution & preconditions for a successful Mobility Data Space

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TIER Mobility

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Introducing TIER

TIER Mobility

- **Leading multimodal European** micromobility operator

- Founded in **2018**, 1,400+ Employees

- First **climate-neutral operator**

- Official member of **European Commission's expert group on MDMS**

On a mission to
Change Mobility For Good

170.000+
e-scooters
e-bikes

365 mil° trips

22 countries

260+ cities

Micromobility's contribution to the Mobility Data Space

Our Mobility Insights

- Data collection through IoT integrated vehicles -> Mobility insights from the 220 cities active in

- Potential to inform policy-making and infrastructure planning to encourage uptake of sustainable modes

- TIER already shares its data with almost all the cities it operates in, universities, public transport operators

- A data transparent industry with a true contribution to make to the EMDS

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Preconditions for a successful Mobility Data Space

Set clear data use cases

- Identify clear objectives and use cases for EMSD

- Different data types and formats will meet different use cases

- I.e. real-time vehicle level vs. aggregate insights?

- Who are the expected users?

Assess value of existing initiatives

- Need clear assessment of value generated by the NAP to inform the design of next-gen Open Data framework

- Were the objectives met?

- Who are the users? Citizens, universities, industry?

- What data types have brought most value?

Protect commercially sensitive insights

- NAP currently require publication of commercially sensitive insights for micromobility

- Favour the publication of aggregated and operator-agnostic data

- Focus on insights instead of vehicle-level data

Minimize technical integration efforts

- EMDS should not add complexity and technical burden on MSPs

- Avoid the duplication and design of new data-sharing standards

- Rely on existing industry-wide standards that are already tried-and-tested

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Concluding remarks

➔ Micromobility industry is supportive of the European Mobility Data Space initiative

Key open questions:

➔ What are the objectives of the EMDS against those of the NAPs?

➔ What conclusions can be drawn from the value and usage of NAPs, to inform the design of the EMDS?

➔ What are the planned safeguards to ensure commercially sensitive data is protected?

➔ Will specific data sharing frameworks and standards be designed for each segment of the mobility sector? i.e. specific data sharing standard for Micromobility industry?

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