



EV Charging Infrastructure Statistics

Alex Blackburn; UNECE

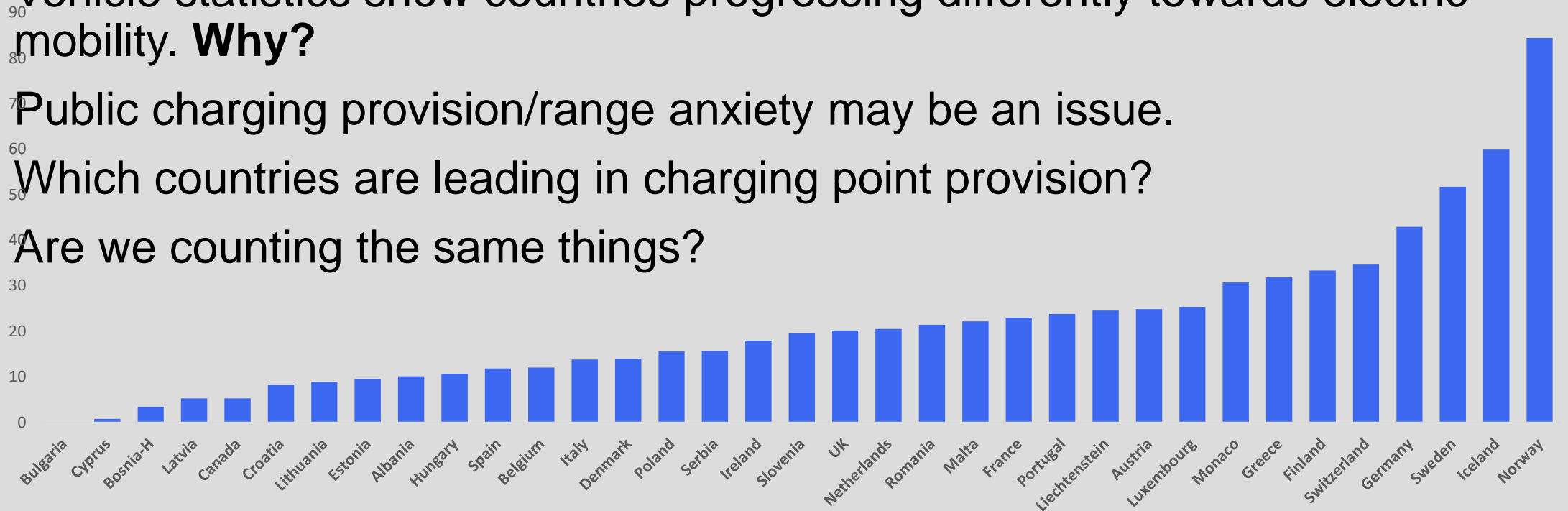


UNECE

The Problem



- Vehicle statistics show countries progressing differently towards electric mobility. **Why?**
- Public charging provision/range anxiety may be an issue.
- Which countries are leading in charging point provision?
- Are we counting the same things?



% New Registrations of Passenger Cars with a Plug, 2021. Source: Common Questionnaire



United Nations Economic Commission for Europe

25,830 followers

2w · 🌐

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Focused on [#climateaction](#), this year's annual session of UNECE's Inland Transport Committee (ITC) agreed on dedicated actions to facilitate wider adoption of [#electric #vehicles](#) (EVs) by working on [#policy](#) harmonization, improving relevant [#datacollection](#), and fostering global exchanges among experts in the public and private sector.

[#Electrification](#) of vehicles is an important tool to align the [#transport](#) sector with a [#climateneutral](#) future and achievement of the Sustainable Development Goals ([#SDGs](#)).

"ITC fully embraces the already booming electrification of transport and many of its working parties are looking forward to tackling electrification as part of their regular tasks," said [Els de Wit](#), Chair of the UNECE Working Party on Transport Trends and Economics. "There is so much scope for further action here, whether on harmonized data production, improved communications protocols or plug design, and better managing grid integration activities, as well as accessibility and affordability of charging."

Read full story 📄 https://lnkd.in/eh_cG4nd

[#ITC4Climate](#)



A Growing Issue

unece.org/media/Transport/news/376079

UNECE's Inland Transport Committee takes action to facilitate wider adoption of electric vehicles

- Climate Change ▷
- Transport ▷
- Transport Statistics ▷
- Trends and Economics ▷
- Vehicle Regulations ▷
- Sustainable Transport ▷
- Inland Transport Committee ▷
- Transport Infrastructure ▷

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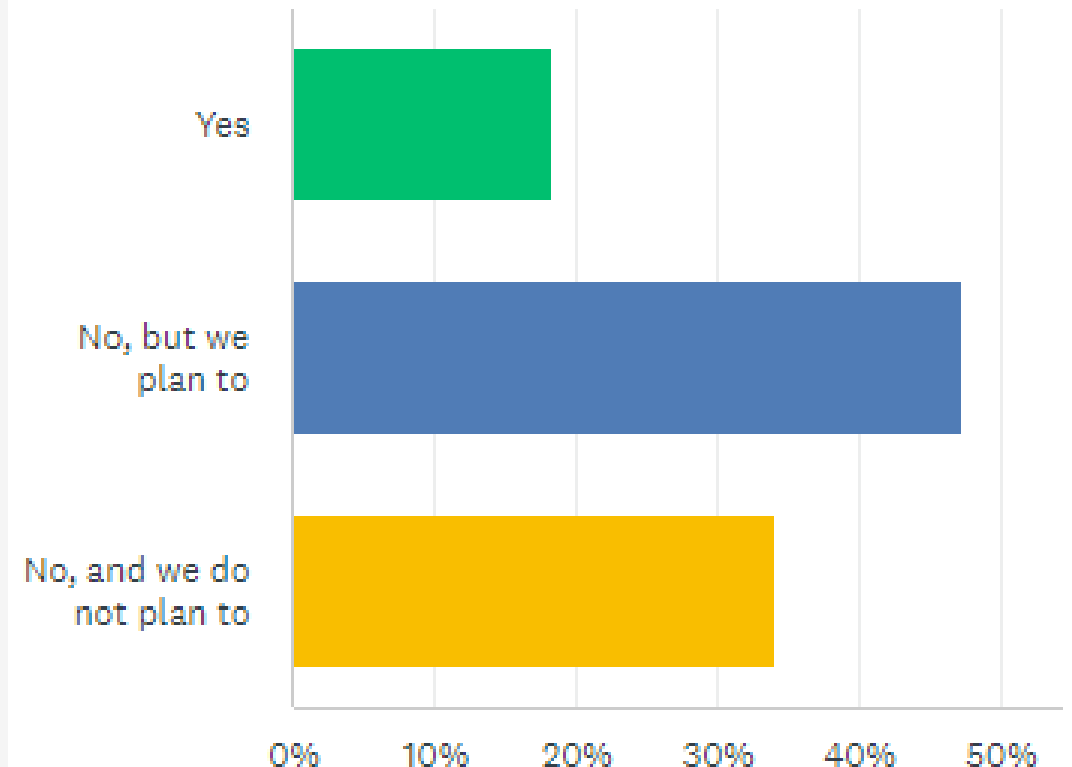


Electrification is reshaping the way the transport sector is powered, shifting away from liquid fossil fuels. Countries in the UNECE region are already advancing towards electrification and are expected to make further progress, given that most of them have made pledges and commitments to adopt zero tailpipe vehicles in the coming decades.

Where's the Data?



- In survey, 66% of statistics offices are producing data already on this or plan to.
- But where are the definitions?
- EAFO producing data on this separately. Uses data from NSOs and other sources.
- Can we get better official statistics internationally on this?



How are they collected?



- Arrangement with station operators (3 countries)
- From electricity authorities/ministries of energy (6 countries)
- Industry association (3 countries)
- Survey of municipalities/provinces (1 Country)

What should we do?



- What is a **public** charger?
- What to count (pools/stations/ devices/ plugs)?
- AC/DC? Plug type?
- What speed thresholds?
- Electricity consumption?
- Location type/coordinates?
- And what about private chargers?

- **Start with definitions.**
- Upcoming European legislation will mandate reporting using EAFO definitions. What role will NSOs play?
- Experimental statistics collection?



To be discussed at your UNECE
meeting 15-17 May in Geneva.
Background: doc 5
[unece.org/transport/events/wp6-
working-party-transport-statistics-
74th-session](http://unece.org/transport/events/wp6-working-party-transport-statistics-74th-session)

Thank you!

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