

#### EXPERIENCE IN COLLECTING EV CHARGING INFRASTRUCTURE CZECH REPUBLIC



### Ing. Renáta Slabá, Ph.D. 9 November 2023

Roundtable on Electric Vehicle Charging Infrastructure Data Collection, UNECE



## CONDITIONS FOR DEVELOPMENT ELECTRIC VEHICLES CHARGING INFRASTRUCTURE IN CZECH REPUBLIC

- CZECH REPUBLIC has joined all emission obligations as all EU member states because transport is second largest source of green house emission
- SUPPORT OPD Operational program Transport from EU funds already OPD1, OPD 2, OPD 3 (from year 2004 to the present)
- YEAR 2011 Czech Republic started the construction of charging infrastructure 2011 was the first station
- CURRENTLY Public charging infrastructure is developing rapidly
- THE INTENTION is to intensify the construction of EV stations <u>especially on the</u> <u>highway network</u> ultra-fast stations with a power of 150 kW and more



# NUMBERS OF ELECTRIC VEHICLES CHARGING INFRASTRUCTURE

In November 2023, was total of 2 313 public electric vehicles charging stations registered (4 313 charging points) in Czech Republic

- The Czech Republic ranks 13th among EU states (27)
- STATISTICAL DATA
  - Czech Republic there is 6,7 electric vehicles per 1 charging points
  - 120 subjects (companies) operates public charging infrastructure
  - 78% charging points in public is in Capital City of Prague
  - 30thousand vehicles (BEVs –battery vehicle and PHEVs plug in hybrid) In Czech Republic is registered





# **COLLECTING DATA ON CHARGING INFRASTUCTURE IN CZECH REPUBLIC**

## DATA COLLECITNG METHODOLOGY

Subject are obliged provide data to the <u>Ministry of Trade and Industry (not Ministry of</u> Transport); is responsible to collect data/update the data every half of the year

<u>Collecting data</u> - through the Semi-annual Report about fuel filling stations on the network of filling and recharging stations

<u>Publishing data</u> - Transport Research Centre (CDV - public research institution) published data received from <u>Ministry of Trade and Industry</u> on internet

Obtained information about public EV charging stations

- Station location
- Identification of the owner or operator
- Update of information about station, whether it is
- in operation or closed for example





# LINK WITH UPDATED DATA OF ELECTRIC CHARGING STATIONS IN CZECH REPUBLIC

- Official source of information
- https://www.cistadoprava.cz/ of Transport
  data from Ministry
- Unofficial source of information
- https://fdrive.cz/ charging stations often, they actively contact the entities that install the stations



## **CONTACT INFORMATION**





### Renáta Slabá,

### **Ministry of Transport of Czech Republic**

renata.slaba@mdcr.cz, http://www.mdcr.cz