

Working Party on Transport Statistics

Seventy-fifth session

Geneva, 24-26 April 2024

Item 4 of the provisional agenda

Electric vehicle charging infrastructure data collection

Proposed refinement of electric vehicle charging infrastructure questionnaire

1. The table below presents a comparison between the pilot questionnaire on electric vehicle charging infrastructure circulated in June 2023 and the proposed refinement to be included in the Common Questionnaire.

Pilot questionnaire	Proposed refined questionnaire
<p>Number of public recharging pools/locations of which: restricted access/semi-public</p> <p>Number of public recharging stations/devices of which: restricted access/semi-public</p> <p>Number of recharging points/Supply Equipment (EVSE)</p> <p>TOTAL AC (Category 1)</p> <ul style="list-style-type: none"> • Slow AC: $P < 7.4 \text{ kW}$ • Medium-speed AC: $7.4 \text{ kW} \leq P \leq 22 \text{ kW}$ • Fast AC: $P > 22 \text{ kW}$ <p>TOTAL DC (Category 2)</p> <ul style="list-style-type: none"> • Slow DC: $P < 50 \text{ kW}$ • Fast DC: $50 \text{ kW} \leq P < 150 \text{ kW}$ • Level 1- Ultra fast DC: $150 \text{ kW} \leq P < 350 \text{ kW}$ • Level 2- Ultra fast DC: $P \geq 350 \text{ kW}$ 	<p>Number of public recharging pools/locations at 31.12 of which dedicated to heavy-duty vehicles</p> <p>Number of public recharging stations/devices at 31.12</p> <p>Number of recharging points/Supply Equipment (EVSE)</p> <p>Alternative Current</p> <ul style="list-style-type: none"> • Slow AC: $P < 7.4 \text{ kW}$ • Medium-speed AC: $7.4 \text{ kW} \leq P \leq 22 \text{ kW}$ • Fast AC: $P > 22 \text{ kW}$ <p>Direct Current</p> <ul style="list-style-type: none"> • Slow DC: $P < 50 \text{ kW}$ • Fast DC: $50 \text{ kW} \leq P < 150 \text{ kW}$ • Ultra fast level 1: $150 \text{ kW} \leq P < 350 \text{ kW}$ • Ultra fast level 2: $P \geq 350 \text{ kW}$ <p>Power output installed in public recharging points (kW) at 31.12 of which dedicated to heavy-duty vehicles</p> <p>Number of publicly accessible hydrogen refueling points at 31.12</p>

