# EG A-LCA Automotive Life Cycle Assessment SG3 

Tuesday, 21 November 2023
10h00-12h00 (CET)
Online (ZOOM)

# Primary Data Share (PDS) Data Quality Rating (DQR) Clepa EG A-LCA 

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Following slides and data shared with courtesy of CX

What for : Create visibility on the share of primary data in PCF calculations,
Why: PDS has been identified as one of the several data that can add value to a PCF single Data

How : is it calculated through the supply chain (see below)


Table 4: Primary data share of the example as in Figure 10

|  | PDS input | PCF share | PDS output |
| :--- | :--- | :--- | :--- |
| Tier A | $75 \%$ | $10 \%$ | $75 \% * 10 \%=7.5 \%$ |
| Tier B | $25 \%$ | $25 \%$ | $25 \% * 25 \%=6.3 \%$ |
| Tier C | $50 \%$ | $50 \%$ | $50 \% * 50 \%=25 \%$ |
| Tier D | $100 \%$ | $15 \%$ | $100 \% * 15 \%=15 \%$ |
| Total |  | $100 \%$ | $7.5 \%+6.3 \%+25 \%+15 \% \approx 54 \%$ |

## Data Quality Rating (DQR)

| What for: | Highlight the ability to collect the appropriate data with a quantified KPI |
| :--- | :--- |
| Why : | DQR has been identified as one of the several data that can add value to a PCF single Data |
| How : | is it calculated at each step of the supply chain on 5 topics (technology, Time, Geography, <br> Completeness, reliability) rated Good / Fair / Poor(see below) and flow downed like PDS |

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The data quality rating for activity data or an emission factor shall then be calculated from the five data quality indicators as an arithmetic mean.

$$
D Q R=\frac{T e R+G e R+T i R+C+R}{5}
$$

(3) Option : (cx Baseline) 2 DQRs
(one for Primary data, on for secondary data)

