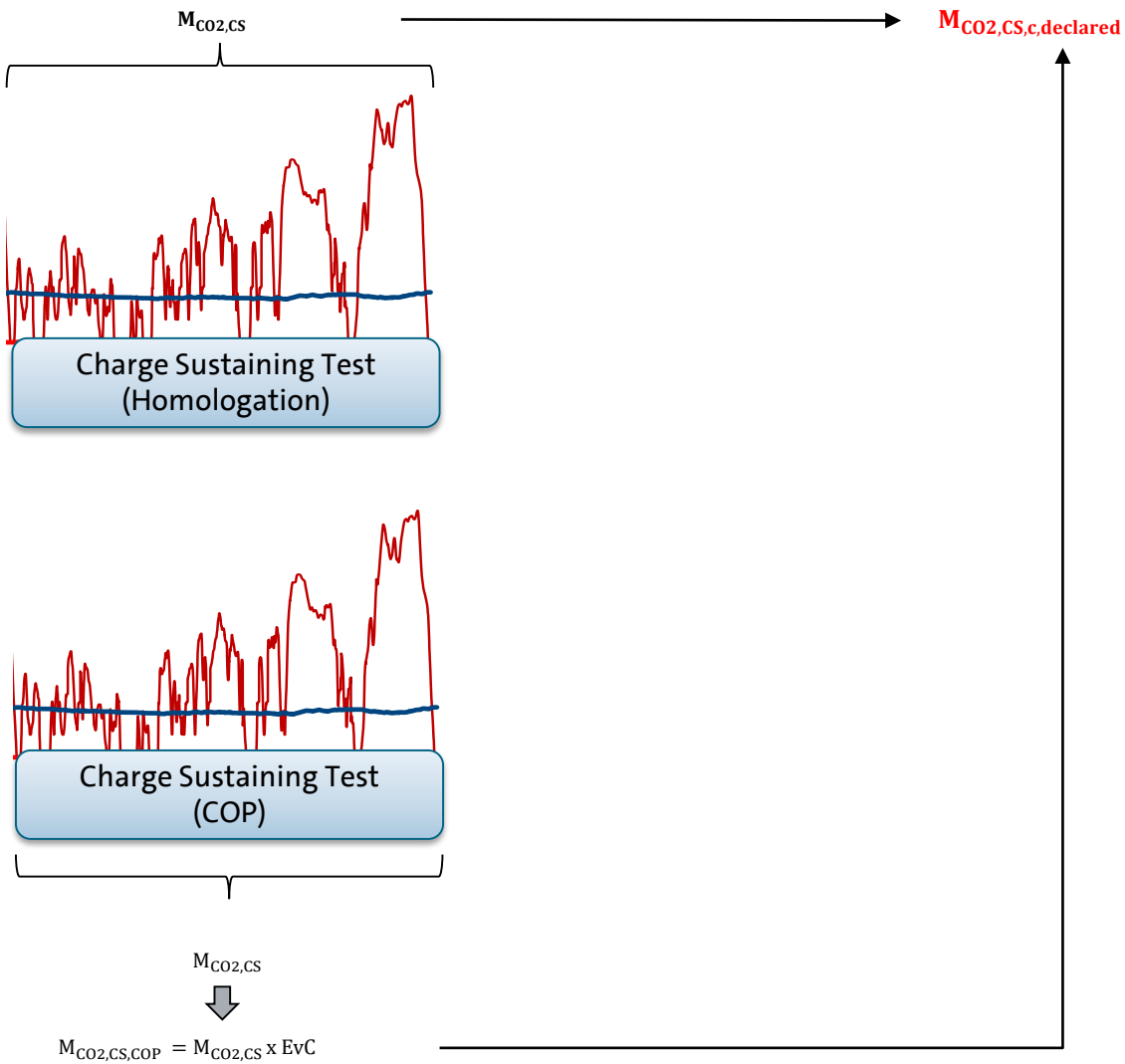


Declared value available which can

be used for comparison for both

- **Type Approval value**
- **Conformity of Production value**

Remark:

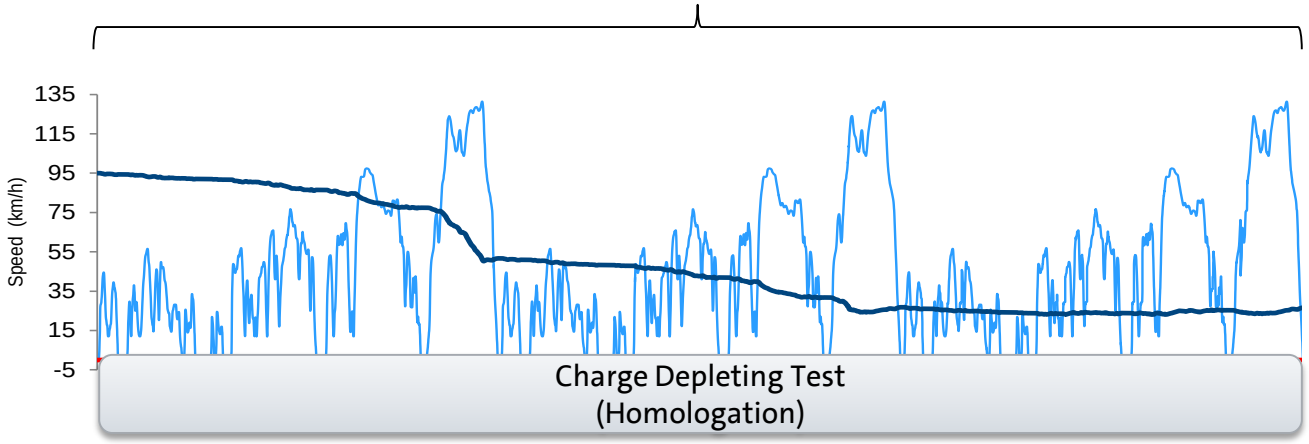
AF_{CO2_CS} not necessary as after finishing all calculations,

the value for used for comparison in COP is always: $M_{CO2,CS,C,declared}$

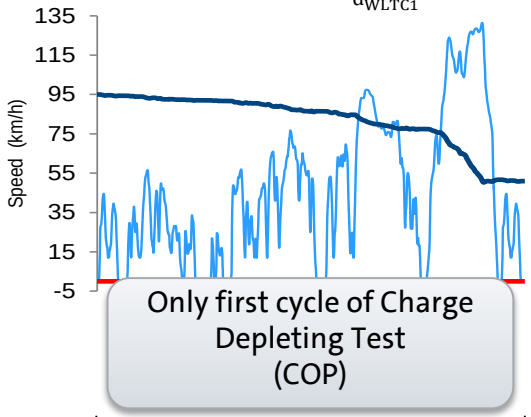
➔ **Current text can be simplified**

➔ **With and without A_{FCO2_CS}: the result is the same**

$EC_{AC,CD}$ → $EC_{AC,CD,declared}$



$$EC_{DC,WLTC,1} = \frac{\Delta E_{REESS,WLTC1}}{d_{WLTC1}}$$



$$EC_{COP} = \frac{\Delta E_{REESS,WLTC1}}{d_{WLTC1}}$$

- $EC_{DC,WTLC,1}$ is a value especially created for COP to avoid a high mileage on customer vehicles
- $EC_{DC,WTLC,1}$ is a measured value
- For COP, there is no declared value available which can be used for comparison; measured COP value would need to be compared to the measured value

➔ unequal treatment

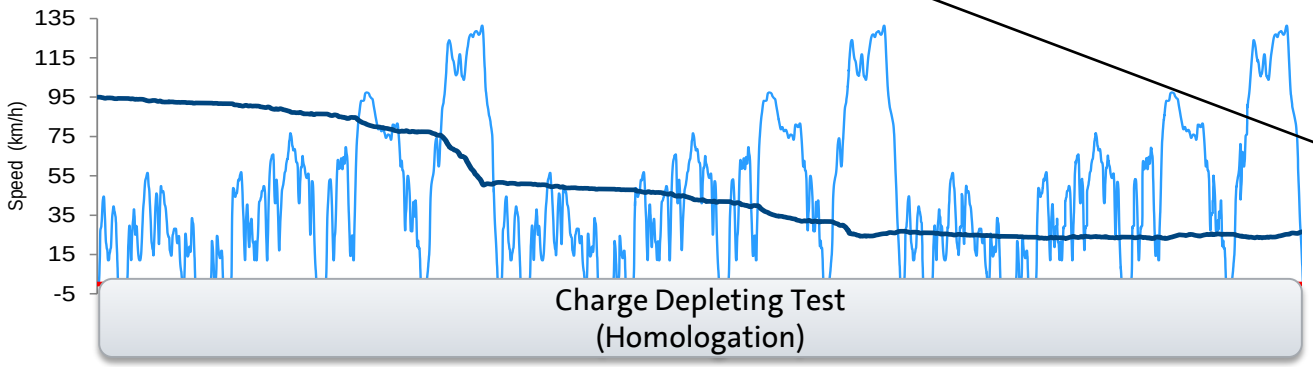
➔ Idea:

Applying the „margin“ which is on the declared value “$EC_{AC,CD,declared}$” to the value which has been created for the purposes of COP

Next slide

Solution:

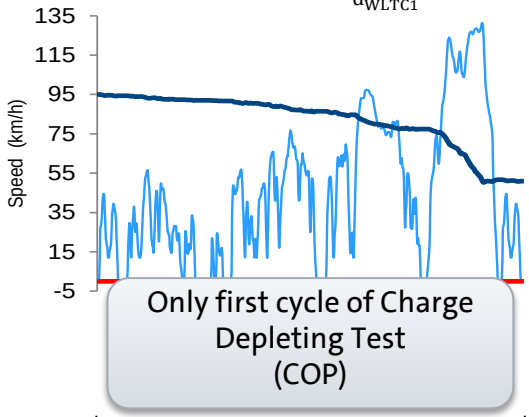
$EC_{AC,CD}$ → $EC_{AC,CD,declared}$



$$EC_{DC,WLTC,1} = \frac{\Delta E_{REESS,WLTC1}}{d_{WLTC1}}$$

$$AF_{AC,CD} = \frac{EC_{AC,CD,declared}}{EC_{AC,CD}}$$

$$EC_{DC,WLTC,1} * AF_{AC,CD} = EC_{DC,COP}$$



$$EC_{COP} = \frac{\Delta E_{REESS,WLTC1}}{d_{WLTC1}}$$

Now a "Declared" value available which can be used for comparison Conformity of Production value which follows the principal in the context of CS CO2

➔ Measured COP value would be compared to a „declared" value