



# Sustainable Development Working Group on CO<sub>2</sub> – Current State

**Gunnar Heipp**

**Munich Transport Corporation (MVG)**

Head of Strategy and Planning

# Sustainable Development Working Group on CO<sub>2</sub> – Member list

## Chair and members:

At this point in time it is being piloted by **Gunnar Heipp** of MVG/SWM Munich and **Jan Möllmann** Arriva/ UITP EuroTeam.

A seat for the bus and rail manufacturers would be welcomed and also connecting the work of this group with that of ACEA would also be welcomed.

Participants	Organisation
Gunnar Heipp	MVG
Juliane Pöttsch	MVG
Jan Möllman	UITP
Laura Martusciello	ATAC
Cristiano Stifini	ATAC
Caroline Edant	Veolia
Miles Parisi	ATM
Elena Montafia	ATM

# Sustainable Development Working Group on CO<sub>2</sub> – To-do list (I.1)

## Development of:

- a standard for measurement of CO<sub>2</sub>- Emissions (looking at present EU standards and e.g. others)
- ensure that the right comparison criteria between the different modes are set (e.g. Pass km or Veh km...)
- spotlight on situation in industry the special terms for public transport and the practical feasibility of realistic improvements (e.g. solutions from trucks are not for buses, small numbers of locomotives and DMUs in rail, high investment cost for small number of vehicles, long write-off-periods vs. quick developing standards)
- coefficients for CO<sub>2</sub> emissions from Public Transport using UITP figures for the different modes of transport

# Sustainable Development Working Group on CO<sub>2</sub> – To-do list (I.2)

## Development of:

- review the impacts of past EU legislation on CO<sub>2</sub> re-development, achieved CO<sub>2</sub> reduction and costs
- facts and figures for a CO<sub>2</sub> policy
- a CO<sub>2</sub> adaptation strategy
- a comparison CO<sub>2</sub> costs vs. CO<sub>2</sub> financing
- a comparison between public transport market share and public transport market performance
- CO<sub>2</sub> Lobbying task force (communication plan)
- ISO 14000, ISO 26000, Key Performance Indicators, GRI indicators

# Sustainable Development Working Group on CO<sub>2</sub> – To-do list (II)

## Three tasks were named

### twice:

- „2. ensure that the right comparison criteria between the different modes are set (e.g. Pass km or Veh km...)“
- „6. Facts and figures for a CO<sub>2</sub> policy“
- „7. a CO<sub>2</sub> adaptation strategy“

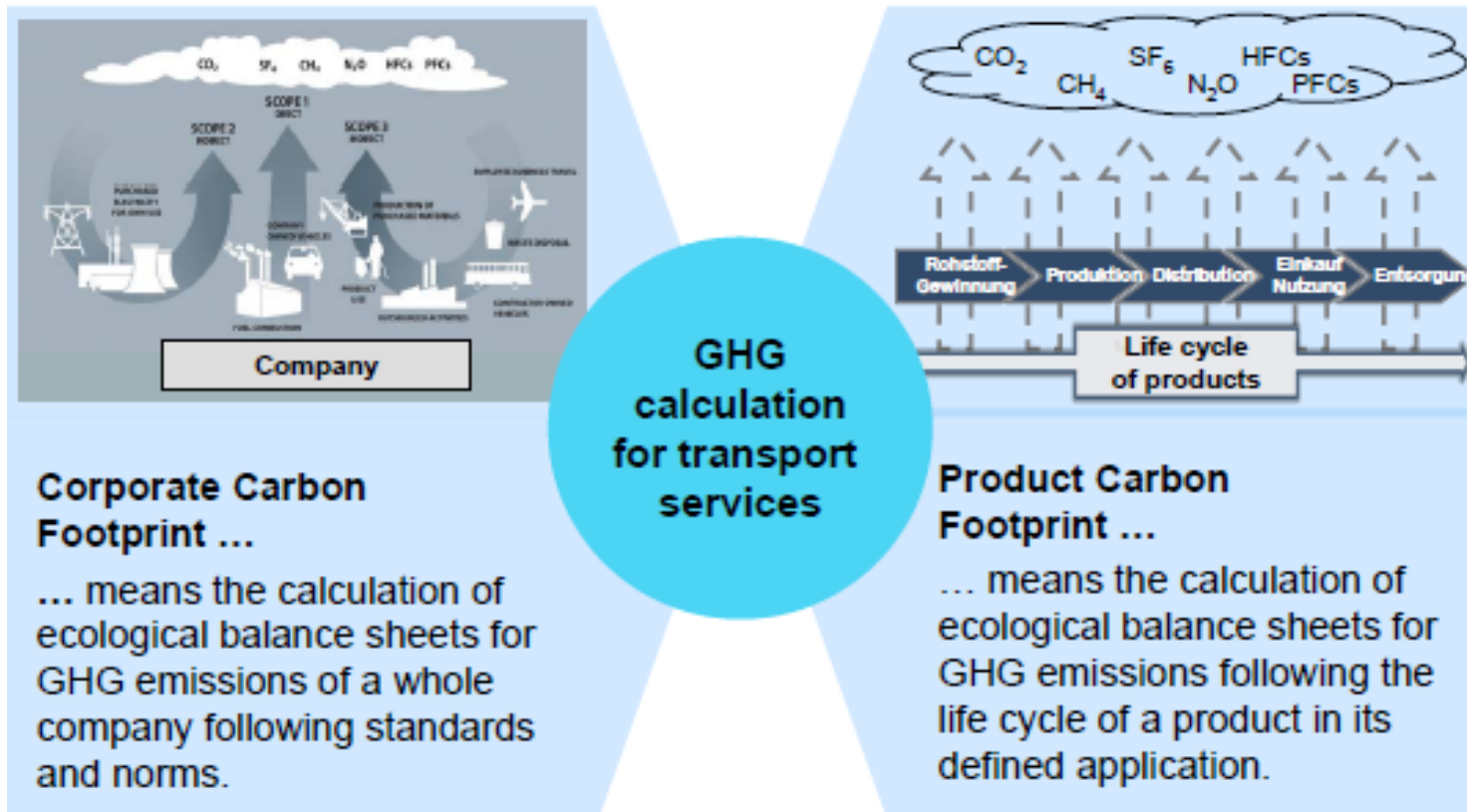
## One task was named three times:

„10. CO<sub>2</sub> Lobbying task force (communication plan)“

Participants	Organisation	Task
Gunnar Heipp	Munchner Verkehrsgesellschaft (MVG)	10 CO <sub>2</sub> Lobbying task force (communication plan)
Jan Möllman	UITP	2. ensure that the right comparison criteria between the different modes are set (e.g. Pass km or Veh km...) 3. spotlight on situation in industry the special terms for public transport and the practical feasibility of realistic improvements (e.g. solutions from trucks are not for buses, small numbers of locomotives and DMUs in rail, high investment cost for small number of vehicles, long write-off-periods vs. quick developing standards) 9. a comparison between public transport market share and public transport market performance 10. CO <sub>2</sub> Lobbying task force (communication plan)
Caroline Edant	Veolia	7. a CO <sub>2</sub> adaptation strategy
Miles Parisi	ATM	2. ensure that the right comparison criteria between the different modes are set (e.g. Pass km or Veh km...) 4. coefficients for CO <sub>2</sub> emissions from Public Transport using UITP figures for the different modes of transport
Laura Martusciello	ATAC	6. Facts and figures for a CO <sub>2</sub> policy
Cristiano Stifini	ATAC	6. Facts and figures for a CO <sub>2</sub> policy
Margarida Almeida	CARRIS	7.a CO <sub>2</sub> adaptation strategy
Elena Montafia	ATM	10 CO <sub>2</sub> Lobbying task force (communication plan)

# Calculations on GHG emissions of transport services

## Corporate Carbon Footprinting versus Product Carbon Footprinting:

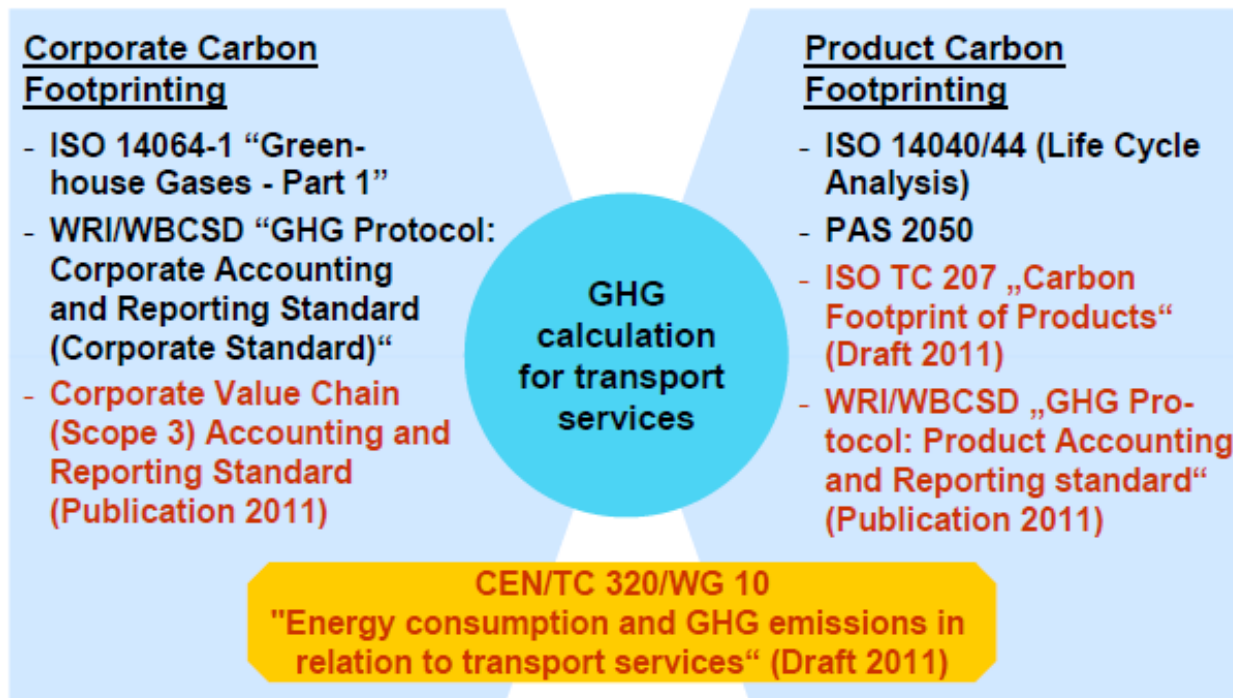


# Calculations on GHG emissions of transport services

## ◀ **DIN EN 16258:2011** (published on 28/03/2011)

Draft „Methodology for calculation and declaration on energy consumptions and GHG emissions in transport services”

Methodological principles for Corporate and Product Carbon Footprinting:



## Further information...

- News „Reducing transport emissions – Oeko-Institut develops guidelines for eco-logistics” (Oeko-Institut e.V.)  
<http://www.oeko.de/new/dok/1161.php>
- Presentation “Standardisation of calculation and declaration on energy consumptions and GHG emissions in transport services” (Marc Cottignies, ADEME, CEN TC 320 WG10 convenor, April 12th 2011)  
[http://www.ccr-zkr.org/Files/wrshp120411/Presentations/1\\_01\\_MCottignies\\_en.pdf](http://www.ccr-zkr.org/Files/wrshp120411/Presentations/1_01_MCottignies_en.pdf)
- Recommended Practice for Quantifying Greenhouse Gas Emissions from Transit (APTA Climate Change Standards Working Group, APTA CC-RP-001-09, 8/14/09):  
<http://www.apta.com/resources/hottopics/sustainability/Documents/Quantifying-Greenhouse-Gas-Emissions-APTA-Recommended-Practices.pdf>
- Guidelines for Measuring and Managing CO<sub>2</sub>. Emission from Freight Transport Operations (Cefic = the European Chemical Industry Council):  
<http://www.cefic.org/Documents/IndustrySupport/Transport-and-Logistics/Best%20Practice%20Guidelines%20-%20General%20Guidelines/Cefic-ECTA%20Guidelines%20for%20measuring%20and%20managing%20CO2%20emissions%20from%20transport%20operations%20Final%2030.03.2011.pdf>





**Thank you very much  
for your attention!**

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