

# Sustainable transport and logistics training courses



## Syllabus

### Freight transport and logistics emissions monitoring and reporting

<b>Session 1</b>	
<b>Title</b>	<b>Why do we assess and report transport emissions</b>
<b>When</b>	<b>Tuesday, 4 October 2011, 15:00 – 16:30 CET*</b>
<b>Topics</b>	<ul style="list-style-type: none"><li>• What do we want to achieve with emissions monitoring, calculations and reporting</li><li>• Introduction in the relationship between different objectives and most appropriate methodologies</li><li>• Information requirements and availability</li><li>• Work plan and different steps to achieve objectives</li><li>• Presentation of two case studies</li></ul>
<b>Homework</b>	<ul style="list-style-type: none"><li>• Define and report own transport emission assessment objectives</li><li>• Report what your organisation has been doing in the field of sustainable transport and logistics</li></ul>

<b>Session 2</b>	
<b>Title</b>	<b>Greenhouse gasses and other pollutants in freight transport and logistics</b>
<b>When</b>	<b>Friday, 7 October 2011, 15:00 – 16:30 CET*</b>
<b>Topics</b>	<ul style="list-style-type: none"><li>• Overview of major greenhouse gases in transport and logistics</li><li>• CO<sub>2</sub> versus CO<sub>2</sub> equivalents</li><li>• Overview of other pollutants</li><li>• Specific aspects per transport mode</li><li>• What are the major sources of GHG and pollutants in transport and logistics</li></ul>
<b>Homework</b>	No specific preparation required for this session

<b>Session 3</b>	
<b>Title</b>	<b>Principles of emissions accounting and reporting</b>
<b>When</b>	<b>Tuesday, 11 October 2011, 15:00 – 16:30 CET*</b>
<b>Topics</b>	<ul style="list-style-type: none"><li>• Overview of major guidelines and protocols</li><li>• Basic principles of emissions accounting and reporting, ISO 14064 and GHG protocols</li><li>• Application of principles in transport and logistics</li></ul>
<b>Homework</b>	Application of protocols on case studies

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<b>Session 4</b>	
<b>Title</b>	<b>Calculation tools and data sources</b>
<b>When</b>	<b>Friday, 14 October 2011, 15:00 - 16:30 CET*</b>
<b>Topics</b>	<ul style="list-style-type: none"> <li>• Overview of major transport emissions calculation, monitoring and reporting tools</li> <li>• Overview of major transport emission data sources</li> <li>• Differences between data sources and calculation tools</li> </ul>
<b>Session 5</b>	
<b>Title</b>	<b>Transport emission calculations (1)</b>
<b>When</b>	<b>Tuesday, 18 October 2011, 15:00 – 16:30 CET*</b>
<b>Topics</b>	<ul style="list-style-type: none"> <li>• How to assess transport emissions</li> <li>• Emission calculations in road</li> <li>• Emission calculations in rail</li> <li>• Emission calculations in inland navigation</li> </ul>
<b>Session 6</b>	
<b>Title</b>	<b>Transport emission calculations (2)</b>
<b>When</b>	<b>Friday, 21 October 2011, 15:00 – 16:30 CET*</b>
<b>Topics</b>	<ul style="list-style-type: none"> <li>• Emission calculation in maritime transport</li> <li>• Emission calculation in air transport</li> <li>• Emission calculation of other logistics activities</li> <li>• How to compare different modes and transport options</li> <li>• Transport emission inventories</li> </ul>
<b>Homework</b>	<ul style="list-style-type: none"> <li>• Case studies</li> </ul>
<b>Session 7</b>	
<b>Title</b>	<b>Transport emission monitoring and reporting</b>
<b>When</b>	<b>Tuesday, 25 October 2011, 15:00 – 16:00 CET*</b>
<b>Topics</b>	<ul style="list-style-type: none"> <li>• Monitoring and reporting of transport emissions</li> <li>• Relationship with corporate emissions monitoring and reporting</li> <li>• M&amp;R in the US EPA SmartWay and other voluntary programs</li> <li>• M&amp;R for the aviation sector in the EU Emission Trading Scheme</li> <li>• Allocation of transport emissions to clients</li> </ul>
<b>Session 8</b>	
<b>Title</b>	<b>How to improve the environmental performance of transport and logistics operations</b>
<b>When</b>	<b>Friday, 28 October 2011, 15:00 – 16:00 CET*</b>
<b>Topics</b>	<ul style="list-style-type: none"> <li>• Transport avoidance</li> <li>• The impact of logistics and supply chain management</li> <li>• Fuels and clean technologies</li> <li>• Green procurement</li> <li>• Integrating environmental values into decision-making processes</li> </ul>
<b>Homework</b>	<ul style="list-style-type: none"> <li>• Give your evaluation as well as recommendations</li> </ul>

**\*) The internet courses will always start at 15:00 CET and will end between 16:00 and 16:30 CET**