



Carbon Labelling - The Concept

2nd Carbon Labelling Workshop

'Biodiesel and other Biofuels for new EU Member States'

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Ljubljana, Slovenia

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Background



European Target:

- **Manufacturers** for Passenger cars: **130 gCO₂/km**
- **Other measures**: **10 gCO₂/km**
- **Biofuels**

- ▶ Reduction of passenger car emissions to **120 gCO₂/km**





Carbon Labelling - Objectives



Increase demand for **biodiesel** and **low GHG transport** by *creating a system of CO₂ labels for*

- **Fuels**
- **Lubricants**
- **Freight services**



Project Details



- Program: **Intelligent Energy for Europe**

Intelligent Energy  Europe

- Contract No.: **EIE/06/015**

- Project Duration:

1st October 2006 to 30 September 2008



Project Partners

- **WIP Renewable Energies**, Germany 
- **Home Grown Cereals Authority**, UK 
- **Senter Novem**, The Netherlands 
- **Manzoil**, Poland 
- **Q1 Tankstellenvertrieb**, Germany 
- **Malta Resources Authority**, Malta 



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Carbon Labelling - Main Activities

- **Methodology** for the quantification of **carbon life cycle reductions**
- **Pilot labelling** for **biodiesel**
- **Pilot labelling** for **fuel and lubricant additives**
- **Pilot labelling** for **freight carriers**
- **Pilot pre-blending** of biodiesel for **smaller EU Member States**
- **Consumer survey** on acceptance of labels
- **Dissemination**

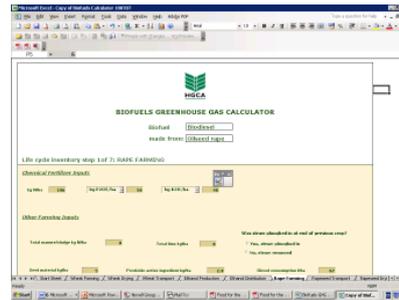


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Carbon Life Cycle Analysis



- Development of **carbon life-cycle numbers** for biodiesel
- Involvement of recent and on-going **activities and methodologies**
- Cooperation with **European and worldwide experts**
- Set up of an **Advisory Board**



► Objective: **Coherence with European RE Directive proposal**

CO₂ Label for Biodiesel



- Development of a **CO₂ label for B100**
- CO₂Star Campaign **was implemented at Q1 fuel stations** in Germany in July 2007
- More information available at <http://www.co2star.eu>





CO₂ and Efficiency Label for Lubricants



- **Development of a CO₂/Efficiency label for lubricants**
- **Set up of a Consumer Information Website**
with detailed information about lubricants and lubricant additives and their impact on CO₂ reduction, air quality and fuel efficiency improvements



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Labelling Program for Freight Services



- Promote companies as **'low carbon' freight carriers** through labels
- Set-up a **pilot initiative in The Netherlands**
- **Horticultural freight company applies label on B100 trucks**



SenterNovem



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Support of biofuels in Malta

- Facilitate compliance with EU Biofuels targets in smaller EU Member States
- Opportunities to deliver B5 to Malta (Pre-blending)
- Inform consumers in Malta about biofuels



Consumer Survey



Two consumer surveys on acceptance of CO₂ labels were implemented in Germany and UK





Website: www.co2star.eu



THANK YOU VERY MUCH FOR YOUR ATTENTION!!

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