

GOGREEN – SUSTAINABLE SOLUTIONS FOR LOGISTICS

Steffen Frankenberg, Vice President GoGreen
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RATIONALE FOR GOING GREEN

On the way to a low-carbon economy DPDHL is part of the solution

Our purpose: The Logistics company for the World

Rising energy and emission costs

Customers ask for green solutions

Globalization: to be organized sustainably

First logistics company with a quantified CO₂ efficiency target:

- Improving CO₂ efficiency of DPDHL and subcontractors

30 % by 2020*

- Intermediate target: Improving our own CO₂ efficiency

10 % by 2012*

GO GREEN

*compared to 2007

OUR GREEN HOUSE

Leveraging the potential of DPDHL, GoGreen improves CO₂ efficiency and sets leading-edge standards in green logistics

GOGREEN

I Provide transparency regarding CO₂ emissions

Carbon accounting & controlling:

- Accurate group footprint
- Local management of CO₂ emissions
- Customer & product footprint

II Increase CO₂ efficiency (10% by 2012, 30% by 2020)

- Develop, pilot and implement **abatement levers**
- Integrate CO₂ into **subcontractor management**

III Mobilize management and employees across the Group

- Raise **awareness**; make them understand why their **contribution** is crucial
- **Integrate** CO₂ in regular business **decisions**

IV Create value @ the market with CO₂ efficient logistics

- Transfer customer requirements into innovative and profitable **products and services**
- **Position** DPDHL as the **leader** in CO₂ efficient logistics

V Shape the political agenda

- Evaluate **risks and opportunities** in regulatory development
- Engaging in **shaping future** policy framework and regulation

IMPROVING OUR CO₂ EFFICIENCY

DPDHL tests various new technologies and solutions at an early stage, but there is no silver bullet for efficiency improvement in logistics yet

Green Supply Chain



LED's

Solar panels

Electro Mobility

Alternative fuels



Hybrid technology



Winglets

Smart Truck



Network optimization



Aerodynamics



Capacity optimization

Drivers training



Combined transport



GOGREEN – IMPROVING THE EFFICIENCY OF OUR FLEET

We test and implement a mix of efficient market or future solutions to optimize efficiency for goods' transport on road

BURN CLEAN

FUELS



2nd generation

4th generation

3rd generation

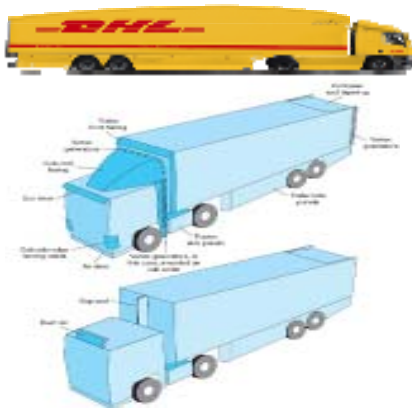
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VANS

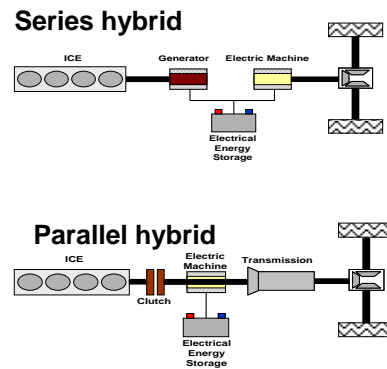
TRUCKS

BURN LESS

AERODYNAMICS



HYBRID DRIVE NEW / RETROFIT

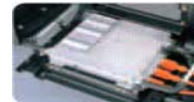


ELECTRONICS

Eco Chip Tuning



Driver assistance/ education

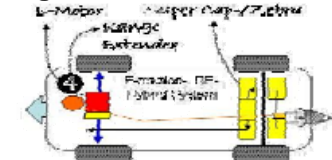


ELECTRIC DRIVE NEW / RETROFIT

Battery electric vehicle



Range extender



ALLIANCE FOR EUROPEAN LOGISTICS (AEL)

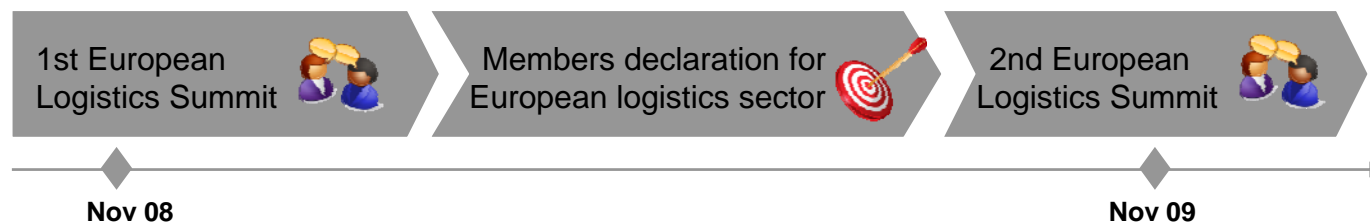
The AEL strengthens our industry's position in shaping a new policy agenda for logistics in Europe



The AEL is working with policy-makers to:

- Raise understanding of how logistics is critical to the EU's current and future competitiveness
- Promote the valuable role that logistics plays in meeting Europe's sustainability goals
- Promote a level-playing field across Europe and the world for the logistics sector
- Make tangible steps towards decoupling growth from environmental impact

Milestones



Members



EU NEEDS AN INTEGRATED APPROACH TO ENHANCE SUSTAINABILITY FOR LOGISTICS

Deutsche Post DHL

To improve our industry's efficiency we need the support of an integrated EU approach

EU Logistics sector equals
€1 trillion annual revenue

with a 10 to 30 % efficiency improvement equals €100 - 300 bn
less annual cost for industry

complete Single Market for Transport

- Speeding-up implementation of Single European Sky (12 % CO₂ reduction in aviation)
- Over 30% empty trucks but EU restricts Liberalization of Road Cabotage
- Need to fully liberalize cross-border rail freight to make this mode attractive to customers

Tackle congestion at its real source

- Average 90% of congestion is caused by passenger cars but EU seeks to regulate only trucks with road charges (EuroVignette III)
- Get rid of night ban for trucks instead and avoid discrimination
- Re-invest revenues into road infrastructure

Incentives & Research for ITS

- Incentives for ITS (Intelligent Transport Systems)
- Research for solutions which will be affordable for industry
- E.g. supporting the development of solutions related to Galileo

PUBLIC POLICY POSITIONS TOWARDS COP15

DHL, the Official Logistics Partner of COP15, asks the political decision makers to Seal the Deal in Copenhagen



Carbon pricing:

Fast implementation of a global framework for a market based approach (cap and trade) at tangible costs as a fair and efficient mechanism.



Transparency and awareness:

Support of the ongoing development of common, industry driven, international standards for carbon measurement on organizational, product and customer levels.



Investments in carbon efficiency:

Incentivize investments in efficiency measures across all industries to enable competitive payback times and revenue opportunities.



Low carbon transportation:

Public funding for research and development to increase commercial availability of low-carbon powered transportation.

