

## CO<sub>2</sub> Guidelines for International Logistics



The international transport and logistics industry now has a set of standard guidelines for calculating carbon emissions at consignment level.

The Consignment-Level Carbon Reporting Guidelines were endorsed by the governors of the World Economic Forum's (WEF) Logistics & Transport Industry Group at their annual meeting in Davos. The move is part of the Supply Chain Decarbonisation Initiative.

The guidelines include principles for defining the scope of which emissions to report and how they should be allocated in cases when operators use shared transport or backhaul goods.

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*(CO<sub>2</sub> Guidelines for International Logistics)*

IPC members belonging to the WEF's Logistics & Transport Industry Group are Deutsche Post DHL, GeoPost (Groupe La Poste), TNT, Swiss Post and the United States Postal Service.

Deutsche Post DHL chief executive, Frank Appel, described the guidelines as "a practical step forward for our industry in working with customers to move towards low carbon supply chains."

WEF said the guidelines would help consumers and businesses assess the carbon impact of transporting products and would drive efficiency in the freight and logistics sector.

## Europe

### TNT to Cut its CO<sub>2</sub> Emissions by 45%

TNT has announced it is aiming for a 45 percent reduction in its CO<sub>2</sub> emissions by 2020, based on 2007 levels.

In his introduction to the company's 2009 results, chief executive Peter Bakker said: "After having spent the past two years building a robust CO<sub>2</sub> measurement and reporting system we now feel at ease to formulate a long-term CO<sub>2</sub> objective: to improve our carbon efficiency index by 45 percent by 2020, compared to the base year of 2007."

Chief financial officer Henk van Dalen said when the company presented its results that TNT's new CO<sub>2</sub> Index already showed the company at 94 percent of 2007 levels; the aim was to get to 55 percent over the next ten years.

TNT will have separate key performance indicators for air transport (based on CO<sub>2</sub> emissions per tonne/kilometre) road transport (emissions per kilometre) and buildings (emissions per square metre). Results from these, compared with 2007 levels, would be consolidated into a group-level figure.

Group CO<sub>2</sub> performance will be part of the board's bonus objectives. The new carbon reduction objective marks a "commitment to action". TNT will adopt a two-pronged approach: continuous improvement in CO<sub>2</sub> efficiency through best practice and network optimisation and innovative operational solutions such as alternative fuels and renewable energy.

The 45 percent CO<sub>2</sub> reduction objective results from an analysis and consultation with both internal and external experts. The company believes its analysis allowed it to identify realistic reduction opportunities.



## TNT Deploys Tricycles for Paris Deliveries

TNT France has extended its zero-emission tricycles to Paris as part of its Planet Me environmental programme.

The tricycles went into operation in January in the third district of Paris; more districts will be added gradually.

Eight French city centres were already using the tricycles before they were introduced in Paris: Lyon, Bordeaux, Saint-Etienne, Dijon, Nancy, Rouen, Grenoble and Valence. Eric Jacquemet, head of TNT France, said at least three additional city centres would be equipped in the first half of 2010.

The tricycles have been deployed in Paris under an agreement with ecological logistics company Green Logistics/Becycle Paris.

TNT France said in a statement that the latest introductions allowed it to reduce noise and pollution and to anticipate increasingly strict regulations for city-centre deliveries.

## Bakker Granted Leadership Award

Two sustainable investment companies have granted their Sustainability Leadership Award 2010 jointly to TNT chief executive Peter Bakker and Ashok Gadgil, a professor for environmental technology at the University of California at Berkeley.

Each year since 2001, SAM and APG have granted their award to two individuals "who have provided extraordinary leadership, or done pioneering work, on behalf of sustainability and business success."

The jury highlighted the efforts of TNT to fight world hunger and reduce carbon emissions through its programmes *Moving the World* (a joint initiative with the United Nations World Food Programme) and *Planet Me*.

## Deutsche Post DHL Orders Euro 5 Trucks

Deutsche Post DHL has signed an agreement with Volvo Trucks for the supply of 1,800 vehicles compliant with the Euro 5 emissions standard.

The trucks will enter the Deutsche Post DHL fleet over two years in the United Kingdom, Finland and Sweden and will be used primarily for express, freight and supply chain operations.

Euro 5 is based on the 2009 European Union directive on emissions, setting limits for noxious exhaust emissions from motor vehicles. The new vehicles will replace vehicles meeting the Euro 3 standard.

Deutsche Post DHL aims to reduce its CO<sub>2</sub> emissions by 30 percent by 2020 under its GoGreen climate protection programme, launched in 2008.

"The modernisation of our fleet is an important part of our GoGreen programme," said Rainer Wend, director of corporate public policy and responsibility at Deutsche Post DHL. "By deploying new vehicles, we are satisfying Europe-wide standards and will be able to further protect the environment."



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**DHL Parcel Extends its GoGreen Service**

DHL Parcel Germany has extended its GoGreen carbon-neutral parcel service to international shipments from businesses and individual customers.

Businesses shipped 15 million domestic GoGreen parcels in Germany in 2009; now they can access the service for international consignments via products such as Europe Parcel (Europaket) and World Parcel (Welt-paket).

Individual customers are able to ship GoGreen parcels internationally via the DHL online franking service.

**Royal Mail Delivers 100 Million Sustainable Mail Items**

Royal Mail has delivered 100 million Sustainable Mail direct mailpieces, just nine months after the service was launched.

Some 75 bulk mail customers are signed up for Sustainable Mail, which offers a lower tariff for direct mail that meets specific environmental standards.

Companies using Sustainable Mail must meet criteria for sustainability, waste minimisation and increased recyclability.

The entry level to the service carries a tariff discount of up to two percent. The intermediate level offers discounts up to 4.7 percent for mailings that meet more exacting criteria, including ISO 14001 certification for all printers and mailing systems used no use of varnish finishes or rubber-based adhesives and clear instructions for recipients on how to unsubscribe from future mail.

**Swiss Post Users Vote for Offset Project**

Swiss Post customers have voted for the Gold Standard climate protection project which will benefit from funds generated by its pro clima carbon offsetting surcharge.

The pro clima surcharge on letters, parcels and freight was launched in February, 2009 as a means for customers to offset the CO<sub>2</sub> emissions generated by their shipments transportation. In its first year, the carbon-neutral service accounted for 55 million consignments.

In January 2010, Swiss Post asked its customers to vote for their preferred climate protection project to benefit from pro clima offset funds. The winning project, attracting 61 percent of votes, was a power plant in Turkey using waste disposal gas.

The Mamak waste disposal plant in Ankara province produces biogas and syngas and uses gas turbines to generate electricity. The facility replaces conventional power plants and has been recognised by the World Bank as the best environmental project in 2009.

Swiss Post offsets its own mailing through pro clima. In addition to purchasing emissions certificates from the Mamak project, it will invest a portion of the surcharge on its own consignments in an additional climate protection project in Switzerland.

The company's environmental strategy involves improving energy efficiency, increasing use of renewable energy and offsetting the remaining non-renewable element to support independently monitored Gold Standard projects.



ITC Invest Trading & Consulting AG, Ankara Branch

## Itella Offers Carbon-Neutral Direct Mail

Itella is offering carbon neutral direct mail by offsetting the CO<sub>2</sub> emissions that it cannot eliminate through energy saving and use of alternative fuels.

Carbon neutrality would be a basic feature in the Itella Customer Marketing delivery, printing and mailing services at no additional cost to the customer, the company said.

Itella Group has an environmental programme to reduce its carbon emissions by 30 percent by 2020.

## Belgian Post and WWF Work Together on CO<sub>2</sub>

De Post/La Poste of Belgium has announced a commitment to reduce its carbon emissions by 35 percent by 2012 with the support of World Wildlife Fund Belgium.

WWF will share its experience and knowledge on how companies can reduce their environmental impact, providing input for awareness campaigns aimed at De Post/La Poste staff. In return, De Post/La Poste will support WWF Belgium's awareness campaigns on sustainable forest stewardship.

At the end of 2008, De Post/La Poste gained ISO 14001 environmental certification for five sorting centres in Brussels, Ghent, Charleroi, Liege and Antwerp. At Ghent, the company is reducing total energy costs by 20 percent by March last year. It said it was installing solar panels to generate an expected 400,000 kWh of energy a year.

De Post/La Poste took the decision in 2009 to consume only green electricity generated from renewable sources and agreed to reduce its energy consumption by at least 7.5 percent by 2012, against 2005 levels.

The company uses only recycled paper or paper made from sustainably managed forests.





## CTT-Correios Ranked First in Eco Index

Portugal's CTT-Correios gained first place in the ACGE Index produced by the Euro-natura Environmental law and Sustainable Development Centre, which ranks the commitment of 50 companies to environmental and sustainable development policies.

CTT-Correios reiterated its commitment to reducing its carbon footprint in its fifth annual sustainability report, published at the end of 2009. The report noted that the company's electricity consumption decreased by four percent and gas consumption by one percent. It contained 50 new commitments and goals.

## Stamps Raise Environmental Awareness

Correos of Spain has issued two stamps within its civic values series to raise environmental awareness.

The first, with a face value of EUR 1, promotes recycling by depicting a reworking of the international recycling symbol to show envelopes in the arrows that form the triangular image.

The second stamp, with a face value of EUR 2, encourages people to consume responsibly by applying sustainability criteria to their purchases.

## Correos Donates Used PCs to Charity

As part of its corporate social responsibility activity, Correos of Spain is donating computer equipment to NGOs and charities working with disadvantaged people.

In 2009, Correos donated 327 personal computers, and in 2008 it donated 232, all of which were being replaced within the organisation with more up-to-date models.

## New Electric Vans for Chronopost at ELU

La Poste's express subsidiary, Chronopost, has expanded its fleet of electric vehicles for urban delivery and has announced plans to reduce energy consumption at several of its sites.

It has deployed four Goupil Chrono vans in the Paris-Concorde Urban Delivery Space (ELU) which organises delivery of some 1,700 parcels a day in the seventh and eighth districts of Paris.

The new-generation G3 model vehicles have a maximum speed of 40 km an hour and a cruising range of 70 km. They can carry a load of up to 600 kg. They will join thirteen electric vehicles, three baggage cars running on natural gas and two Chrono Trolleys already operating at the ELU. Chronopost said it had reduced greenhouse gas emissions at the site by 54 percent.

In a separate initiative, Chronopost has plans to reduce electricity consumption at eleven of its sites in the Ile-de-France region. It will install astronomical clocks taking account of sunrise and sunset, and will use natural light and movement detectors to switch off lights automatically when they are not needed.

The company said its measures should save on lighting use for two to nine hours inside on average and three hours outside.



## New La Poste Mail Buildings to Save Energy

The mail division of Groupe La Poste and its property company, Poste Immo, are jointly pledging to improve the energy performance of new buildings by 50 percent, starting this year.

The 50 percent improvement meets the Bâtiment à Basse Consommation standard for energy saving buildings and anticipates the RT2012 thermal regulation, due to come into force.

New mail division buildings will be equipped with meters measuring the energy performance of individual systems such as heating, lighting, ventilation and hot water. From 2011, the first energy-saving facilities will be inaugurated.

The green building initiative will be accompanied by a charter encouraging employees to behave as "eco-citizens". Local sustainable development committees will encourage green behaviour.

## French Postmen to Have Electric Vans

Groupe La Poste, France, has ordered 250 electric vehicles from PSA Peugeot Citroën for mail collection and delivery.

The vehicles will go into operation across France this year. They are based on the Berlingo First and are powered by an engine developed by Venturi Automobiles. They will have a 100 km range and a top speed of 110 km an hour.

The order is the first step towards Groupe La Poste's objective to reduce its CO<sub>2</sub> emissions from transport by 15 percent by 2012. La Poste said the electric vehicles would each save three tonnes of emissions a year compared with a standard vehicle.



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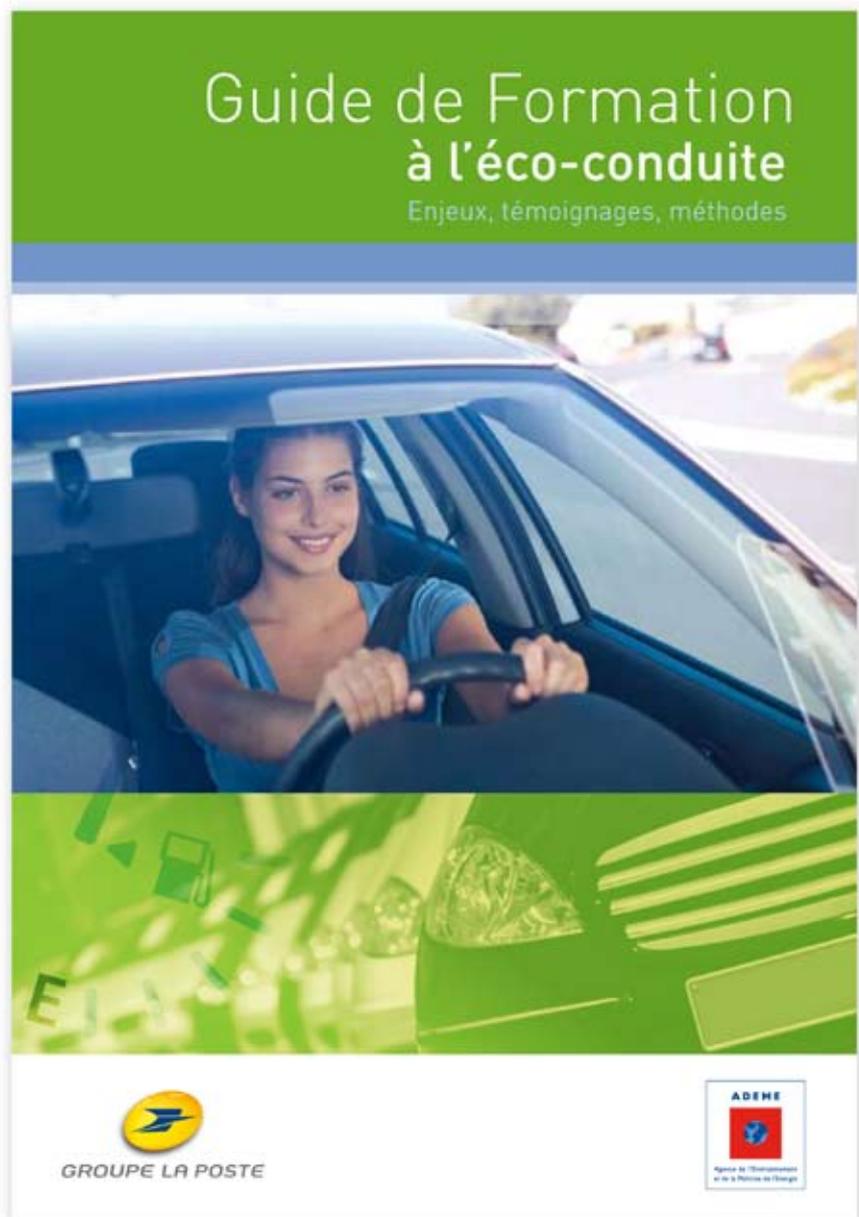
## La Poste Publishes Eco-Driving Guide

Groupe La Poste has published a guide for businesses on how to train their staff to drive energy efficiently.

The Training Guide for Eco-Driving (Guide de formation à l'éco-conduite) is published jointly with the French environment and energy management agency (Ademe) and is the first output from an accord signed in March 2009 between La Poste and Ademe.

The guide includes advice on how to set up and run training programmes. La Poste has trained 60,000 of its employees in energy efficient driving techniques since 2005, achieving concrete benefits in energy consumption and cost saving.

In the forward to the guide, Groupe La Poste's president Jean-Paul Bailly states: "This guide brings you our knowledge of eco-driving thanks to the expertise of Ademe and the experience of Groupe La Poste."



## Managers Learn How to Implement CSR

Managers at La Poste are to receive training in corporate social responsibility (CSR) via a special one-day course on how they can promote sustainable development and translate corporate objectives into operational practice.

The first course, led by Laure Mandaron, group head of sustainable development, took place in November 2009 and the second in February 2010. The structure is based on discussion and reflection and each delegate leaves with a personal action plan.

## Fund Facilitates Eco-Projects

Posten Norden aims to step up the pace of environmental projects within the newly merged group through its climate fund, which it set up in 2009.

Money from the fund can be used for investments in initiatives to reduce the group's greenhouse gas emissions, for example the scrapping of vehicles before originally planned and replacing them with new more energy efficient models.

## P&T Building Gains Gold Standard

P&T Luxembourg has begun construction of a 5,800 sq metre building which has received gold-level pre-certification for its environmental features.

The building will house the staff of P&T subsidiary Editus, which publishes telephone directories. It will be equipped with a rainwater collection system and will obtain its heating from a neighbouring data centre which is also being constructed by P&T.

### >>In Brief - Europe

#### Magyar Posta Implements Eco-Projects

In 2009, Magyar Posta implemented 103 environmental development initiatives at an investment of HUF 153 million. It is modernising its buildings, upgrading heating and insulation and replacing doors and windows. To help protect soil and water, 70 percent of postal buildings are now connected to the main sewage system.

#### Freight Optimisation Brings Benefits

Dutch-based logistics company Roberts Europe has achieved a relative reduction of 5.1 percent in the CO<sub>2</sub> emissions from total driven kilometres generated by its premium freight service thanks to freight optimisation.



## Americas

### Lobby Recycling Helps Cut Down Waste

The United States Postal Service recycled 200,000 tons of paper, plastics and other waste in 2009.

An integral part of the effort was the Post Office Box Lobby Recycling programme which is now expanding to an additional 2,435 post offices to bring the total number involved to more than 8,000.

The scheme includes placing secure recycling bins in post office lobbies and encourage PO Box customers to “read, respond, recycle” by opening their mail and taking what action is necessary and placing material they do not need to keep in the bin.

“Lobby recycling helps divert paper waste from landfills, eliminating greenhouse gas emissions from solid waste disposal,” said Deborah Giannoni-Jackson, vice-president, employee resource management.

### ZAP to Develop an Electric Mail Vehicle

An electric version of the United States Postal Services Long Life Vehicle (LLV) is to be designed and developed by car manufacturer ZAP. Under an engineering contract awarded following field trials in Washington, DC, ZAP will convert the gasoline LLV mail truck to run on electricity.

The electric LLV is to be deployed at US Postal Service facilities in Santa Rosa, California.

US Congressman, Jose E. Serrano has introduced legislation calling for at least 20,000 electric vehicles to be put into service at the Postal Service to reduce fuel consumption. He has also called on for USD 1.86 billion of government funds to be allocated to converting mail trucks or to manufacturing new ones.

### DHL Global Mail Offers US Offset Option

DHL Global Mail has introduced its GoGreen carbon-neutral shipping and mailing service to domestic services in the United States.

The service offers customers the option to offset emissions generated by transporting their mail. The surcharge paid for the offset is allocated by DHL Global Mail to Gold Standard carbon reduction projects.

The US GoGreen service will be reviewed and verified by Swiss inspection and verification company SGS according to the principles of ISO 14064. SGS will also verify the certificates that GoGreen customers receive each year recognising their participation.

DHL Global Mail promotes sustainability in a number of ways, including its participation in the EPA’s SmartWay Transport Partnership programme. It is a Workshare partner to the United States Postal Service, which delivers its customers’ mail pieces via the normal postal delivery network.



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## UPS Deploys 245 CNG Delivery Trucks

UPS has deployed 245 new natural gas delivery trucks in cities in Colorado and California in order to reduce its CO<sub>2</sub> emissions.

The trucks are powered by compressed natural gas (CNG), a fuel first adopted by UPS in the 1980s. They are built as CNG vehicles rather than converted from traditional gas or diesel and will join more than 900 CNG vehicles already in the UPS fleet worldwide.

The company said natural gas was “cost-effective, clean-burning and abundant”. The new vehicles are expected to achieve a fifteen percent emissions reduction over the cleanest diesel engines available on the market.

## FedEx Funds City Wildlife Projects

FedEx is providing funding for grassroots environmental projects in twelve United States cities in the next two years.

Qualifying projects will be helping urban ecosystems, and a key aspect will be the involvement of FedEx employees as volunteers.

The funding initiative is running in cooperation with the National Fish and Wildlife Foundation (NFWF). Programmes administered by the NFWF will be eligible for finance from FedEx on a competitive basis.





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Message from the Editor

We hope you enjoy this special issue of *IPC Market Flash*. This is the seventh edition of *Green Flash* and the first of 2010.

The purpose of the special issue is to share the many successful environmental sustainability initiatives being undertaken by IPC member posts and participants. Please highlight your post's programs by submitting your articles and photographs to: [publications@ipc.be](mailto:publications@ipc.be).

Valoree Vargo  
Head of Communication, IPC

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