

In this issue

Lead

- Austrian Post makes all its deliveries carbon neutral

Americas

- Canada Post reduces fleet emissions by 5% in 2010
- USPS cuts 1.07m tonnes of CO₂ emissions
- UPS to deploy 100 electric vehicles in California
- Purolator initiates green roof partnership
- FedEx Express makes fleet more sustainable
- FedEx top partner for green supply chain
- Canada Post ranked among Best 50 Corporate Citizens
- UPS recognised for good eco-disclosure
- Green UPS centre generates 30% of energy needs
- UPS helps make rock bands greener
- Living roof helps make O'Hare airport greener
- Eco grants from UPS Foundation

Asia Pacific

- DHL Express improves carbon efficiency despite growth

Europe

- DHL's Carbon Dashboard helps customers manage CO₂ emissions
- ColiPoste calculator compares online and in-store shopping
- Swiss Post uses pro clima label to raise eco profile
- Deutsche Post gains top scores in eco indexes
- PostNL is Supersector Leader in sustainability index
- Deutsche Post develops bespoke electric vehicle
- German Government opts for GoGreen parcels
- TNT expands city centre scheme for Brussels
- Correios deliveries begin to go electric
- TNT upgrades vehicles for low emission zone
- P&T Luxembourg opens green office for its Editus venture
- GLS constructs model depot with green features
- DHL supports launch of Renault's zero emission vehicles
- DPD builds eco-hub in Nuremberg
- DPD moves Vito E-CELL deliveries into Hamburg
- DPD Belux promotes use of CNG vehicles
- GLS deploys natural gas vans in Tyrol

Austrian Post makes all its deliveries carbon neutral



Austrian Post is now providing carbon-neutral delivery for all domestic letters, parcels and direct mail. This will be achieved through emission reductions, efficient use of resources and increasing use of alternative energy.

The company will compensate for the 100,000 tonnes of CO₂ generated by its buildings and transport operations that cannot be avoided through CO₂ reduction efforts and carbon compensation via national and international climate protection projects.

TÜV Austria is monitoring and assessing progress on CO₂ reduction and emission calculations are carried out in accordance with the PAS 2050 standard Austrian Post's claim to provide carbon-neutral delivery will also be tested and verified by an independent body in line with the PAS 2060 standard.

Austrian Post is relying increasingly on alternative energy sources alongside optimised route planning, fleet modernisation and eco-driving training to cut its CO₂ emissions. The company has 77 environmentally-friendly vehicles powered by natural gas in addition to 64 electric bicycles, eight mopeds and two electric cars.

This year the fleet of electric powered vehicles is being further expanded by 10 Renault Kangoos and eight Citroën Berlingos. The company also issued a tender for additional vehicles.

In buildings, the number of gas- and oil-fired heating systems are being reduced and a call for tender is planned to procure electricity from renewable sources. The company is evaluating LED lighting concepts and has commissioned a study on photovoltaic facilities in sorting centres.

Austrian Post is a partner in two government-funded projects sponsored by federal ministries. One, eMORAIL, is designed to link rail travel with electric-vehicle car sharing. Austrian Post is testing an application for the allocation and invoicing of vehicles and the development of an intelligent link between vehicle and public transport data.

The second project, klima:active mobil, supports companies and municipalities converting their vehicles to alternative drive systems. Austrian Post is one of 1,800 klima:active mobil partners saving a collective 400,000 tonnes of CO₂ emissions a year through the use of alternative fuels.

Americas

Asia Pacific

Europe

Issue 12 | 09 November 2011

Americas

Canada Post reduces fleet emissions by 5% in 2010

Canada Post reduced the greenhouse gas emissions from its fleet by 5% and from its buildings by 3% during 2010, according to the corporation's fourth Corporate Social Responsibility (CSR) report, published on 14 September.

The environmental initiatives that contributed to CO₂ reduction included the deployment of 30 alternative-fuel vehicles and silver certification for two buildings under the Leadership in Energy and Environmental Design (LEED) scheme. The CSR report also listed progress against other key indicators including community involvement and employee health and safety.

Canada Post employees helped to raise a record CA\$2.2m (US\$2.2m, €1.6m) for the Canada Post Foundation for Mental Health in 2010 as well as an additional CA\$2m (US\$2m, €1.4m) for the United Way community groups. Canada Post donated a total of CA\$328,000 (US\$321,000, €236,000) to 177 registered charities and non-profit organisations, including CA\$150,000 (US\$147,000, €108,000) to the Canada Post Foundation for Mental Health.

For the second year in a row Canada Post's lost-time accident and motor vehicle collision frequencies decreased. The company acknowledged, however, that health and safety challenges remained; in 2010 it adopted a five-year accident reduction strategy focusing on improving leadership and ensuring best practices and systems are in place.

USPS cuts 1.07m tonnes of CO₂ emissions

The United States Postal Service reduced CO₂ emissions in fiscal year 2010 by 1.07m tonnes, according to its Annual Sustainability Report released in July 2011.

The agency's overall performance goal for sustainability is to reduce greenhouse gas emissions by 20% by 2020. The report demonstrated that the Postal Service achieved a reduction of almost 30% in facility energy use, a 33% reduction in supplies purchases and a 133% increase in use of alternative fuels.

The goal for facilities is a 30% reduction in energy use by 2015. One initiative, a 2.4 acre green roof on the Morgan Mail Processing and Distribution Facility in New York, helped the facility to reduce energy use by 40% in its first year, saving more than US\$1m in energy costs.

Within the transportation fleet the Postal Service aims to reduce vehicle petroleum use by 20% by 2015 and to increase alternative fuel use by 10% a year by 2015. The agency has 44,000 alternative fuel-capable vehicles using a variety of fuels including electricity, ethanol, compressed natural gas, liquid propane and bio-diesel.

Across the organisation 400 'green teams' identify low and no-cost conservation projects. In 2010 the Postal Service saved more than US\$5m (€3.7m) through reduced energy and water use; it recycled 222,000 tonnes of material, reducing waste and avoiding US\$9m (€6.6m) in landfill fees and generating revenue of US\$13m (€9.6m).

Postal customers also participated in the sustainability effort by placing used and unwanted mail in post office lobby recycling bins diverting 22,000 tonnes from landfill. They purchased 27bn items of cradle-to-cradle certified stamps and shipping materials supplied by the Postal Service.

A Go Green issue of 'Forever' stamps sent a message to the public that car sharing and public transportation are easy ways to save fuel and reduce greenhouse gas emissions.

The Postal Service has won more than 75 environmental awards, including 40 White House 'Closing the Circle' awards.



Americas

Asia Pacific

Europe

Issue 12 | 09 November 2011

UPS to deploy 100 electric vehicles in California

UPS is purchasing 100 all-electric delivery vehicles for deployment in California, more than quadrupling its existing all-electric fleet of 28 vehicles deployed in New York and Europe.

The new vehicles are being acquired from Electric Vehicles International (EVI) of Stockton, California and replace older diesel trucks. The EVI vehicle met the company's requirements in a test phase and is now being operated in real conditions to help establish the technology's future viability. They have a range of 90 miles (145 kilometres) and, according to UPS, will save an estimated 126,000 gallons (476,962 litres) of fuel a year that would have been burned by diesel vehicles.

UPS said it reduced the amount of fuel consumed per package handled by 3.3% in 2010 by deploying the right vehicle for each route, using technology to minimise the miles driven and focusing on how behaviour can affect fuel use.

The company said it avoided driving more than 63.5m miles (102.2m kilometres) saving 68,000 tonnes of CO₂ emissions by using routing technology for road and air transportation, load optimisation technology and telematics which provide data on vehicle performance and driver behaviour.

One metric drawn from telematics is 'stops per mile'; increasing the number of delivery stops by just 0.01% in 2010 was the equivalent of 9.13 million fewer miles (14.7m kilometres), the company said.



The 2010 UPS Sustainability Report gives information in several areas, detailing water usage, Scope 3 emissions, the financial value of in-kind transportation donations to charity, carbon offset purchases and the company's long-term decarbonisation strategy.

UPS engaged accountants Deloitte & Touche LLP to assure its sustainability report which was also reviewed by the Global Reporting Initiative. Its greenhouse gas inventory (direct and indirect) was verified and certified by third parties for the first time in 2010.

Purolator initiates green roof partnership

Canada's Purolator Courier is to convert the roofs of five of its buildings to solar energy in a partnership with SunEdison, the solar energy subsidiary of MEMC Electronic Materials Inc.

SunEdison will deploy, operate and maintain approximately 1.4 megawatts of photovoltaic solar energy systems across the five buildings, generating an estimated 22.4m KWh of clean energy over 20 years and offsetting more than 4.67m kg of CO₂ emissions.

The partnership provides for an additional six Purolator buildings to be added to the solar energy programme.

Purolator's leadership in sustainable supply chain practices gained the company the Third Party Logistics Sustainability Award from Canadian magazine *Logistics Quarterly*. The award recognised in particular the company's work with non-asset based logistics provider Echo Global Logistics which uses Purolator to provide environmentally friendly delivery solutions for its customers.

FedEx Express makes fleet more sustainable

FedEx Express brought 24 new all-electric vehicles into service on urban delivery during the summer, increasing its electric fleet to 43 vehicles. The new vehicles were deployed in New York, Chicago and Memphis to join all-electric vehicles already operating in Los Angeles, London and Paris.

Four types of vehicle made up the fleet expansion: 15 Navistar eStar electric vehicles, two Freightliner Custom Chassis Corporation (FCCC) eCell vehicles, two FCCC retrofits and five electric Ford Transit vans.

Americas

Asia Pacific

Europe

Issue 12 | 09 November 2011

FedEx Express will study the operation of its new purchases in order to help develop all-electric vehicle technology and will model the impact of future all-electric vehicle growth on the shared energy grid.

The company is also adding more hybrid electric vehicles to its urban delivery fleet and is piloting five composite vehicles from Utilimasters that are claimed to achieve 35% better fuel economy through a smaller, more efficient engine and use of low-weight composite materials.

For high mileage operations FedEx is upgrading more than 10% of its conventional fleet to provide energy efficiency. It is introducing 4,000 lower emission BlueTEC clean diesel Sprinter vans, which it says are 100% more fuel efficient than the vehicles they replace.

Global Citizenship Update

The FedEx 2010 Global Citizenship Update highlighted a range of environmental measures taken by the company including efficient route planning achieved using Route Optimisation and Decision Support (ROADS) technology. The system adapts routes daily and advises on package placement in vehicles to direct each delivery to its destination in the most efficient way possible.

In air transport FedEx plans to operate 45 777F aircraft by 2020 in order to fly further using less fuel while carrying more cargo than the MD-11s they replace.

The 2010 Global Citizenship Update, published in July 2011, states that FedEx is making Leadership in Energy and Environmental Design (LEED) certification the standard for all newly constructed FedEx Express facilities in the United States.

The company is generating energy from solar power installations at five locations, reducing annual carbon emissions by about 3,918 tonnes.

FedEx top partner for green supply chain

Inbound Logistics magazine in the United States has named FedEx as a top green supply chain partner for the third year in a row.

The magazine noted in particular the FedEx EarthSmart programme introduced in 2010 as a special designation for assets meeting its environmental sustainability and innovation standards.

The company's fleet of hybrid-electric and all-electric vehicles were the first to receive the EarthSmart Solutions designation.

Canada Post ranked among Best 50 Corporate Citizens

Canada Post has been ranked 25th in Canada's Best 50 Corporate Citizens, gaining a favourable listing for the third year in a row.

The list is compiled by *Corporate Knights* magazine using a ranking methodology that recognises companies concerned with long-term stakeholder value.

Expressing pride at its inclusion in the Best 50, Canada Post pointed to some of its achievements: reducing CO₂ emissions from buildings and vehicles by 14% since 2002; purchasing 30 alternative-fuelled vehicles; receiving silver Leadership in Energy and Environmental Design (LEED) certification for two buildings; achieving a 62% landfill diversion rate throughout its network; raising more than CA\$2m (US\$2m, €1.4m) for community action organisation United Way and donating 1.3% of pre-tax profits to charities and non-profit organisations.



Americas

Asia Pacific

Europe

Issue 12 | 09 November 2011

UPS recognised for good eco-disclosure

UPS scored 99 out of 100 in the 2011 Global 500 Carbon Disclosure Leadership Index compiled annually by the Carbon Disclosure Project. It was also included in the Dow Jones Sustainability North American Index (DJSI) this year for the seventh year running.

The company said one component of the Global 500 report was to highlight companies in the FTSE 'Global 500' Global Equity Index Series that displayed the most professional approach to corporate governance on climate change information disclosure. A high score indicates good internal data management and understanding of climate change related issues affecting the company.



Green UPS centre generates 30% of energy needs

UPS has installed a solar power system on the roof of a sorting centre in New Jersey using more than 1,000 solar panels to produce an expected 270,000kWh of electricity a year and provide 30% of the building's annual energy needs.

Electricity generated during the day will be fed into the grid and at night when the centre is operating UPS will draw the energy it needs from the grid.

The company said the New Jersey solar facility and another in California would together remove 161 tonnes of CO₂ emissions a year.

UPS helps make rock bands greener

UPS has formed an alliance with live music tour and venue promoter Live Nation Entertainment to act as official sustainability partner and global package, shipping and logistics sponsor.

Both parties are working together to reduce transportation emissions and waste. UPS provided sustainable transport for OAR's 28-venue tour across the United States and Dave Matthews Band's four-city Caravan tour.

For OAR UPS made a detailed assessment of the band's existing carbon footprint and used the data to devise a logistics strategy that drove down waste, increased transport efficiency and reduced emissions. Once the tour ended UPS purchased carbon offsets for any CO₂ emissions generated.

For the Dave Matthews Band UPS devised the most efficient transport solution, measured the carbon footprint of each move and purchased the necessary carbon offsets to mitigate emissions.

The company's alliance with Live Nation Entertainment also covers the provision of carbon-neutral shipping in North America for ticket orders for Live Nation events and merchandise purchased in the Live Nation store.

FedEx living roof helps make O'Hare airport greener

FedEx Express has opened a new package sorting centre at Chicago O'Hare airport with what is claimed to be the largest continuous green roof at a United States airport.

The 16,258 m² roof is designed to benefit the environment by reducing air pollution and storm water run-off, lowering energy costs by 35% a year and reducing airport noise. It will have a life of 40 to 50 years compared with the average life of a conventional roof of 15 to 20 years.

The living green roof is a cooperative effort between the O'Hare Modernisation Program (OMP) and FedEx who will jointly seek Leadership in Energy and Environmental Design (LEED) certification for the facility.

Americas

Asia Pacific

Europe

Issue 12 | 09 November 2011

Eco grants from UPS Foundation

The UPS Foundation is distributing almost US\$2m (€1.5m) in new environmental grants to help plant, protect and preserve trees in urban and rural areas around the world.

The projects gaining funds are based in the United States, Belgium, Brazil, Canada and China. In addition to the UPS funding employees will provide the projects with volunteer support.

Funds will also be allocated to support the New Ventures programme, which is designed to spur environmentally sustainable growth for small and medium-sized enterprises in key emerging markets, and Keep America Beautiful will receive US\$225,000 (€166,000) to support its Community Improvement Grant programme for local affiliates.

Environmental sustainability is one of the UPS Foundation's official philanthropic areas. In 2011 it awarded the World Resources Institute US\$300,000 (€221,000) to support its Greenhouse Gas Protocol initiative to establish credible and effective emissions accounting and reduction programmes.



Asia Pacific

DHL Express improves carbon efficiency despite growth

DHL Express has reported a 14.1% improvement in CO₂ efficiency in the Asia-Pacific region in 2011 through its GoGreen environmental programme. The company did increase overall emissions in the region by 10% but that was significantly less than the increase in volumes (not disclosed).

DHL Express Asia-Pacific assesses its carbon footprint from energy consumption in buildings and ground transport at 1,000 facilities in 27 markets across the region. It is committed to improving the carbon efficiency both of its own and its subcontractors' operations by 30% by 2020 compared with 2007 levels.

DHL Express Singapore achieved a 15.7% improvement in CO₂ efficiency in 2010 by focusing on fleet management, real estate enhancements and employee engagement in energy-saving behaviour.

DHL Express chose Singapore to be the first country in Asia to conduct a pilot trial of the Vehicle Energy Reduction Programme to monitor and improve fuel economy by changing driver behaviour.

DHL Express India achieved a 6% improvement in carbon efficiency in 2010 despite total CO₂ increasing by 13.6%.

Blue Dart, 81% owned by DHL, improved carbon efficiency by 6.5% compared with the previous year but increased its CO₂ emissions by 18.5% owing to higher volumes.

The company is trialling the DHL Smart Truck intelligent vehicle which calculates pick-up and delivery sequence and uses real-time GPS to optimise routing and avoid congestion. In Germany, Smart Truck has reduced the number of miles travelled by 15% and the average route length by 8% saving both fuel and CO₂ emissions.

The Blue Dart pilot test of Smart Truck in the Indian metropolis of Bengaluru will be the first conducted outside Germany and will be designed to discover how the vehicle operates in emerging market conditions.

Europe

DHL's Carbon Dashboard helps customers manage CO₂ emissions

DHL Global Forwarding has launched a new online service allowing customers to assess various carbon reduction logistics scenarios using real data.

The GoGreen Freight Carbon Dashboard offers a choice of certified reports designed to help shippers understand the main drivers of carbon emissions from various transport modes in the supply chain.

DHL Global Forwarding said its Carbon Dashboard would help customers account for and manage carbon emissions, including third party emissions, with detailed and reliable CO₂ mapping available instantly from a web-based hub.

The tool provides a standard calculation and treats CO₂ as an integrated business parameter, according to DHL Global Forwarding. It puts CO₂ into context with other supply chain parameters such as volume shipped, product density and trade lane efficiency.

The company said that once its customers identify their environmental impact in detail it would help them to find greener solutions where possible. DHL Global Forwarding predicted that carbon would become a global currency in future and said its Carbon Dashboard would make it easier for customers to integrate carbon into their balance sheets.



ColiPoste calculator compares online and in-store shopping

ColiPoste, the domestic parcels unit of France's La Poste, is offering consumers an online tool for measuring the environmental impact of making purchases online against shopping in bricks-and-mortar stores.

The company said a study by the French e-commerce association Fevad has found that shopping online can reduce CO₂ emissions from transport by 75%. ColiPoste's tool, Eco-comparateur, provides users with a questionnaire about the type of product purchased, the distance covered and time spent on the internet. Eco-comparateur determines the impact of online against in-store shopping based on greenhouse gas emissions, emissions from local pollutants including sulphur dioxide and particulates, time spent and transport costs.

The tool calculates the environmental impact of transporting a product purchased online or in-store at all stages from arrival at a depot in France until final delivery. For online purchases, packaging and energy consumed through use of the internet are included in the calculation.

Le Groupe La Poste first developed a sustainable development policy in 2003 and sustainable development is a key element of the company's strategy for 2008 to 2012.

Swiss Post uses pro clima label to raise eco profile

Swiss Post is grouping all its environmental activities under the banner 'pro clima – We're acting now' in order to sharpen the profile of its commitment to climate protection.

The pro clima logo will be visible on all vehicles powered by alternative fuels and carbon neutral shipping options will continue to be offered under the 'pro clima – Shipment' label.

Swiss Post intends to reduce its annual CO₂ emissions by 15,000 tonnes by the end of 2013. One environmental action is the intended installation of photovoltaic systems on the roofs of more than 20 buildings. These photovoltaic roofs would produce 6,000MWh of electricity a year accounting for about 4% of Swiss

Americas
Asia Pacific
Europe

Issue 12 | 09 November 2011

Post's electricity requirements at an investment cost of CHF39m (US\$43m, €32m).

From September this year any delivery scooter taken out of service will be replaced by an electric scooter so that the entire fleet of 7,500 will be electric by 2016.

Swiss Post is using funds provided by the government to implement additional climate protection measures including the conversion of 140 gas-powered parcel delivery and business vehicles to 100% biogas, the offsetting of carbon generated by business flights and the acquisition of 10 more hybrid Postbuses.

Deutsche Post gains top scores in eco indexes

Deutsche Post DHL scored 99 out of 100 on environmental criteria in the 2011 Dow Jones Sustainability Index while its overall score was two points higher than last year at 87.

The company also again achieved a place in the FTSE4 Good Index which evaluates companies for their sustainable performance with regard to sustainable environmental standards, efforts to combat climate change and working standards.

In addition, Deutsche Post DHL scored 99 out of 100 for its carbon reporting in the Global 500 Report issued by the Carbon Disclosure Project (CDP). 551 investors with combined assets under management of about US\$71bn (€52bn) commission the CDP to evaluate the climate protection data and strategies of the world's largest companies.

Deutsche Post DHL has made sustainable management the focal point for future growth in its Strategy 2015.

PostNL is Supersector Leader in sustainability index

PostNL has been awarded the status of Supersector Leader for Industrial Goods and Services in the 2011 Dow Jones Sustainability Indexes (DJSI) following a review by sustainability investment specialist SAM covering the sustainability performance of listed companies.

PostNL is included in the Europe and World indexes comprising 342 companies that are the top 10% for sustainability.

Deutsche Post develops bespoke electric vehicle

Deutsche Post and StreetScooter are together developing an electric vehicle designed specifically for mail and parcel delivery. The aim is to produce an economically efficient, zero-emission delivery vehicle suitable for daily use. Deutsche Post said that electric vehicles currently on the market cannot yet be manufactured economically.

A driveable prototype is scheduled to be ready in about 12 months' time and will be based on the 'StreetScooter platform' created by a spin-off company of RWTH Aachen University.

The requirements laid down by Deutsche Post include the ability to handle 200 stops and starts and to remain in operation for up to 300 days a year. The vehicle must have sufficient load capacity for both mail and parcels and meet all safety requirements. It will not have to travel very fast and will only make short journeys.

The joint project is part of Deutsche Post DHL's group-wide environmental GoGreen programme which aims to increase the company's carbon efficiency by 30% compared with a base year of 2007.

Earlier this year, between July and September, Deutsche Post DHL tested 10 Volkswagen Caddy blue e-motion electric vehicles on mail delivery routes in Germany.



Americas
Asia Pacific
Europe

Issue 12 | 09 November 2011

By testing vehicles on multi-drop operations Deutsche Post DHL and Volkswagen examined the vehicle's suitability for use in commercial fleets, focusing on battery innovation, handling, range and the safety of near-noiseless operation.

The company already has about 20,000 Caddies in operation powered by standard combustion engines. Operational measurements made by Volkswagen indicated that 80% of the vehicles always travelled the same route of no more than 50km.

The traditional Caddies burn about 10 litres of fuel per 100km on delivery routes; the electricity consumed by the Caddy blue e-motion, when converted to equivalent fuel consumption, would be two litres per 100km, according to Volkswagen.

Deutsche Post DHL said electric vehicles had the potential to make delivery routes 100% carbon neutral with the use of electricity from renewable energy sources.

German Government opts for GoGreen parcels

Germany's federal government is now sending all its parcels via Deutsche Post DHL's GoGreen carbon offsetting service to save an estimated 300 tons of CO₂ emissions a year.

The GoGreen service, which covers more than 500 federal ministries and agencies, will now carry an additional 600,000 parcels a year for national and international shipment. The GoGreen service was launched five years ago, growing to 1.7bn parcels last year; in 2010 GoGreen parcels compensated for more than 82,000 tonnes of CO₂.

TNT expands city centre scheme for Brussels

TNT Express is adding a third electric-powered 'cyclocargo' tricycle to its environmentally-friendly delivery system for the centre of Brussels, providing a bigger delivery zone and saving an estimated 400kg of CO₂ emissions each week.

TNT's City Logistics project involves cooperation between TNT and Belgian zero emission logistics company Ecopostale, which carries out deliveries on TNT's behalf. Ecopostale will transport a total of about 400 parcels a day on the four tricycles.

In future TNT plans to open a 'mobile depot' using a converted truck as a storage base from which cyclocargos could be loaded to travel the final kilometres to delivery addresses in central Brussels.

Correios deliveries begin to go electric

CTT Correios de Portugal is using two electric vehicles for mail deliveries in Lisbon and Oporto each with an 80km or eight-hour range. It plans to put 45 electric delivery vehicles into operation by 2013.



The company is engaged in an 'Earth Training' programme for all its 13,000 employees to educate them in the fundamentals of environmental operation and raise awareness of sustainability issues.

The training comprises a three-hour online session plus on-site sessions for operational teams. It covers carbon footprint, eco-marketing, energy saving, waste management and sustainable procurement.

TNT upgrades vehicles for low emission zone

TNT Express is spending GB£20m (US\$32m, €23m) on upgrading 600 vehicles in the United Kingdom to meet stringent environmental controls.

The vehicles will be deployed in the area covered by London's Low Emission Zone (LEZ) when new green rules come into force at the beginning of 2012 requiring all vehicles of 3.5 tonnes and above to comply with Euro 4 emission legislation.

TNT is departing from its 7.5-tonne collection and delivery vehicles, replacing them with five-tonne vehicles. It is also taking ten-year-old truck trailers out of operation and is replacing them with aerodynamic Cheetah trailers which are approximately 3% more fuel efficient than conventionally-shaped trailers.

P&T Luxembourg opens green office for its Editus venture



The new head office for P&T Luxembourg's Editus joint venture with PagesJaunes is due to receive Gold environmental building certification from Germany's sustainable building council Deutsche Gesellschaft für Nachhaltige Bauen.

Editus conducts local research using a range of multimedia tools and employing a staff of some 120. It was formed in 1995 by P&T and PagesJaunes.

The building in Kayl, south-west Luxembourg, was designed to achieve savings in fuel and electricity by making maximum use of renewable resources. P&T said the building would be the first in Luxembourg to achieve Gold certification.

GLS constructs model depot with green features

European parcels operator GLS has begun construction of its first eco-depot which will act as a template for the conversion of all its sites by the end of 2013.

The €10m (US\$14m) depot, in Puurs, Belgium, is constructed largely from recyclable materials. A heat pump system provides the primary heating source, reducing CO₂ emissions and saving about 40% of operating costs.

A rainwater harvesting system with associated seeping areas is designed to halve water consumption while a photovoltaic system on the roof will eventually supply electricity into the local grid.

Puurs will be the first GLS depot to operate mainly direct deliveries for both domestic and international shipments, eliminating transfer to the Brussels hub. The company said the direct system would reduce transit time and save on superfluous journeys, therefore cutting fuel consumption and emissions.

DHL supports launch of Renault's zero emission vehicles

DHL is supporting Renault's all-electric Fluence ZE and Kangoo ZE cars and vans with a worldwide logistics operation to distribute replacement batteries and manage the return of used batteries to the manufacturer's repair centre in Flins, France.

Under a three-year cooperation DHL has added eight more Kangoo ZEs for road testing in the Rhine-Ruhr area of Germany to trial their suitability for commercial fleet operation.

DPD builds eco-hub in Nuremburg

DPD Germany is building a parcel hub in Nuremburg according to a sustainable design that includes solar cells on the roof and geothermal energy generation for heating and cooling the office building. The hub is due to begin operating in spring 2012

Americas

Asia Pacific

Europe

Issue 12 | 09 November 2011

DPD moves Vito E-CELL deliveries into Hamburg

DPD Germany has begun operating two electrically-powered Vito E-CELL vehicles in residential areas of Hamburg after a successful pilot test in Stuttgart earlier this year.

The Mercedes-Benz zero-emission vehicles will deliver mainly to private parcel recipients, stopping frequently over short distances to deliver mostly single parcels at each stop.

The Vito E-CELL has a load capacity of 900kg and a range of about 130km. Its top speed is 80km per hour. DPD's branch in Hamburg-Wilhelmsburg provides an overnight charging station.

DPD Belux promotes use of CNG vehicles

DPD Belux is operating an incentive programme to encourage its subcontractors to buy compressed natural gas (CNG) delivery vehicles.

The company has negotiated contracts with Mercedes Benz and CNG supplier Electrabel for prices and will provide subcontractors financial support to switch to the environmentally friendly vehicles.

It said CNG vehicles would reduce emissions by 10% and provide cost savings of 30% to 50% over a diesel vehicle.

GLS deploys natural gas vans in Tyrol

GLS Austria has deployed seven new natural gas vans in the Tyrolean lowlands as part of its 'Think Green' initiative.

The Fiat Ducato vehicles, worth €24,000 (US\$33,000) each, are claimed to travel about four kilometres further than a diesel model for every €10 (US\$14) spent on fuel. GLS said the fuel saving would compensate quickly for the relatively high purchase price.

The vans are fitted with gas tanks in the floor to remove the loss of load space created by other configurations.

>> In Brief - Europe

Mailtec gains two environmental certifications

Mailtec, CTT Correios de Portugal's printing and finishing subsidiary, has achieved certifications for FSC chain of custody and ISO 14001, demonstrating the company's commitment to responsible forest management and harvesting and continuous improvement in environmental performance.

green and depicting green initiatives being undertaken in the Netherlands.

Irish stamps celebrate renewable energy sources

An Post, Ireland, has issued a set of five €0.55 stamps celebrating renewable energy technologies in Ireland: wind, wave, hydropower, solar energy and biofuel.

P&T Luxembourg deploys all-electric Peugeots

P&T Luxembourg has put two electric Peugeot iOn vehicles into operation, deploying one on mail distribution and the other in the company's telecommunications division. The vehicles carry company's ECO+ logo.

Le Groupe La Poste orders 10,000 electric vehicles

La Poste has placed an order of 10,000 Renault Kangoo Z.E electric vehicles as part of its aim to reduce CO2 emissions by 20% by 2020 on the basis of 2008 figures, demonstrating its commitment to sustainability. The order was placed through a grouped national order by the French union of grouped public purchases, Ugap.

GoGreen delivers ticket to Women's World Cup

Deutsche Post DHL delivered tickets to the FIFA Women's World Cup 2011 to more than 100,000 buyers via its GoGreen carbon neutral service as official mail partner to the tournament.

Exapaq generates solar power at Muy

Exapaq has equipped all the buildings at its Muy depot in the Var area of France with photovoltaic cell solar panels covering a total surface area of 14,000m2 and estimated to generate 20% of the electricity consumed by Muy's 2,000 inhabitants.

PostNL stamps depict green actions

PostNL has issued a series of 'Going Green' stamps illustrating today's approach to thinking and acting



Americas

Asia Pacific

Europe

Issue 12 | 09 November 2011

Message from the editor

IPC Green Flash is a quarterly special edition in the ***Market Flash*** series. The purpose of the special edition is to share the many successful environmental sustainability initiatives being undertaken by IPC member posts and participants.

IPC Market Flash is a bi-weekly newsletter providing a comprehensive look at new developments emerging in the international postal marketplace. It is published by the Markets and Communications Department of the International Post Corporation.

IPC Market Flash is sent out exclusively to IPC member posts. If you would like to contribute an article or photograph to future ***IPC Green Flash*** publications, please send your contributions to: publications@ipc.be

© IPC
Avenue du Bourget, 44
1130 Brussels
Belgium

While every care has been taken to ensure the accuracy of this report, the facts and estimates stated are based on information and sources which, while we believe them to be reliable, are not guaranteed. No liability can be accepted by International Post Corporation, its directors or employees, for any loss occasioned to any person or entity acting or failing to act as a result of anything contained in or omitted from this report.

