

## EARTHSMART INNOVATIONS

INITIATIVE	DESCRIPTION
<b>PRODUCTS</b>	
CARBON-NEUTRAL ENVELOPE SHIPPING	For every FedEx Express envelope shipped worldwide, FedEx will offset the carbon emissions related to its transport at no cost to the customer.
CARBON-NEUTRAL SAMEDAY CITY DELIVERY EMISSIONS	Vehicle-related carbon emissions for all FedEx SameDay City shipments are offset by FedEx at no cost to the customer.
ECO-DESIGN PACKAGING	Eco-design packaging is environmentally friendly, custom retail packaging for customer electronics (iPads and other tablets). The outer box and foam cushion contain recyclable material and can be recycled. The custom size reduces material waste and package cube size.
PRINT ONLINE	Print Online is a secure web application allowing customers to print on demand at FedEx Office locations closer to their point of need to eliminate shipping.
REUSABLE STURDY PAK	The FedEx Reusable Sturdy Pak is a 100 percent recycled packaging solution that can be used twice for shipping your heavier documents, binders, folders, and more.
<b>SERVICES</b>	
COLOR MANAGEMENT	Utilizing ICE (Intelligent Color Engine) software, the Color Management ink reduction project allows our wide format printing devices to use less ink while achieving better color output, thereby reducing unwarranted waste when printing large format files for our customers.
FUEL SENSE	Fuel Sense encompasses a comprehensive team-driven approach to optimize how we plan and actively manage our aircraft operations, ensuring the best possible tradeoff between fuel efficiency and on-time performance.
PAPER RECYCLING PROGRAM	The EarthSmart Paper Recycling Program is designed to provide consistent and reliable shredding and recycling of paper waste from customers and in-store operations.
PAPERLESS PROCESSING	FedEx Electronic Trade Documents is an automated international shipping solution that enables you to submit your customs documentation online so you no longer need to print multiple paper copies.
REPAIR SERVICE CENTER	The Repair Service Center provides repair and logistics services for equipment used by both employees and customers. The center is devoted to the efficient use of materials and operational resources to minimize waste generation through efforts that include re-use, recycling, and innovation.

ASSETS	
EFFICIENT CONTAINERS	Efficient containers are lightweight aluminum unit load devices (ULD). Less weight means reduced aircraft fuel consumption, carbon footprint and use of natural resources by removing a greater portion of the non-recyclable materials from the design. The aluminum frame is also recyclable at the end of the ULD's useful life.
EXTENDED-RANGE ELECTRIC VEHICLE	Extended-range electric vehicles (eRev) are battery powered, hybrid-electric vans that also have an engine and generator on board that are used to charge the battery when needed. The result is less fuel burn and fewer greenhouse gas emissions.
LEED CERTIFIED FACILITY	LEED certified facilities have earned designation from the U.S. Green Building Council for being resource efficient. They use less water and energy, and reduce greenhouse gas emissions.
LOW-EMISSION, HYBRID-ELECTRIC VEHICLE	Hybrid-electric vehicles are powered by an internal combustion engine and an electric motor, which uses energy stored in batteries. The extra power provided by the electric motor allows for a smaller engine and less fuel burn. Additionally, the battery can power auxiliary loads like headlights and reduce engine idling when stopped.
NATURAL GAS VEHICLES	Natural gas vehicles are powered by compressed or liquefied natural gas, which burn more cleanly than diesel and produce lower CO2 emissions.
SOLAR FACILITIES	FedEx on-site photovoltaic (solar) power generation systems convert solar energy into electricity for use at our facilities, reducing the reliance on electricity generated through more carbon-intensive means.
ZERO-EMISSION, ALL-ELECTRIC VEHICLE	Electric vehicles are powered entirely by an electric motor instead of a gasoline engine. The vehicle uses energy stored in its rechargeable batteries, which are recharged by plug-in electricity. These vehicles produce no emissions.