Going Green While Saving Green

Environmental savings in transportation.

Transportation Solutions
Environmental Savings

xerox
“Going Green” in Transportation
Making it simple to go green.

There was a time when going green was a vague concept few understood. Today, it’s a different story. Most everyone understands that conservation of our natural resources is critical to the survival of future generations. However, conservation doesn’t come for free – and things like hybrid cars and investments for tax credits, are often out of reach for the average consumer. The good news is that the real world of transportation can still operate greener with our help. Our solutions can help government agencies and their constituents reduce pollution and lower impact on the environment, while actually reducing costs. In short, we make it easier to go green – while saving green. That’s a beautiful combination.

Making it simple.

What if reducing your impact on the environment also saved you time and money? Innovation is leading the way to solutions that help overcome transportation challenges, maximize resources, and strengthen your organization—but they’re also making going green less of a challenge. Whether finding ways to trim idling time for vehicles or keeping traffic moving efficiently throughout the city, we’re continuing to find solutions that make going green simple for our clients.

The opportunity to save time and fuel.

While many technical improvements to vehicles have aided the environmental impact, according to the Environmental Protection Agency, transportation is the fastest-growing contributor to greenhouse gas emissions in the United States.¹ And according to the European Environment Agency, while CO₂ emissions from vehicles have decreased, the overall increase in transportation means total overall emissions are still growing.²

Congestion isn’t a cheap problem either. Congestion problems in urban areas in Europe are costing nearly €100 billion every year³ and $100 billion in the United States.⁴ That’s a lot of money wasted on an inconvenience that no one likes and is negatively impacting the environment.

What if we could help reduce traffic? What if we gave drivers more opportunities to use less fuel and made it simple for them in the process?

We provide solutions that do just that for our clients around the world.

Reduce traffic congestion with parking guidance and analytics.

Parking doesn’t need to be a pain, and it doesn’t need to waste fuel looking for an open space. According to Donald Shoup, professor of urban planning at the University of California, “A surprising amount of traffic isn’t caused by people who are on their way somewhere. Rather it is caused by people who have already arrived. Our streets are congested, in part, by people who have gotten where they want to be but are cruising around looking for a place to park.”⁵

We provide alternative solutions to circling the block for parking spaces. Demand management, parking guidance, and analytics to manage parking resources all reduce travel time and mitigate congestion—ultimately reducing fuel consumption while saving people time. We want people to get where they’re going quickly and easily without increasing traffic congestion.

Keep traffic moving with electronic toll collection.

More vehicles are competing for capacity on roadways that simply are not keeping pace with growth. The result? Congestion – a problem with ramifications that extend far beyond drivers’ inconvenience. In 2010, 1.9 billion gallons of fuel were wasted due to congestion, along with 4.8 billion hours of drivers’ time.⁶
The use of electronic toll collection (ETC) technology moves cars through tolls quickly, reducing congestion and the time driver’s sit in queue.

The ETC solution continues to spread rapidly—effectively increasing throughput and hence decreasing mobile emissions at toll plazas. Making it easy to keep people going.

**Weigh station bypass across the U.S.**

Operational at nearly 300 weigh stations and inspection facilities in 30 states, PrePass enables qualified motor carriers to comply electronically with state weight, safety, and credential requirements while traveling at highway speeds. Electronically screened vehicles eliminate the need to stop at weigh stations, ports-of-entry, and inspection facilities. This increases carriers’ operational efficiencies by saving time, money and fuel. In 2010, PrePass saved 20,531,620 gallons of fuel, reducing emissions by 45,323 metric tons—contributing to a cleaner environment with less pollution from idling trucks.

**Sustainable solutions using public transportation.**

Public Transportation is considered a sustainable solution for cities to improve problems of pollution and congestion. Recently, major cities like Mexico City, Casablanca, and Abu Dhabi, all facing rapid development and urbanization, have made public transportation a key part of their plans for growth. They’re alleviating traffic congestion and making payment systems more efficient and convenient for their riders—making public transport more attractive. By providing high qualitative ticketing solutions, we help operators improve the quality of their services by offering riders more possibilities to travel in a secure, easy, convenient, and multimodal way—saving passengers both time and money.

Our Atlas solution provides a unique tool kit that help operators easily analyze and adapt their networks to more fluidity—reducing traffic congestion through alternative means of transportation.

**Interested in going green?**

Intrigued? Maybe you didn’t see transportation solutions as a way to go green before. Think these ideas can help you go green?

We believe going green is part of the customer and commuter experience we bring to clients in 35 countries around the globe. Touching people’s lives every day by delivering seamless, sustainable, and innovative mobility solutions help make the world a better place.

How about you? Whether you’re part of a government agency, a major city, or just a citizen—what do you think you can do in transportation for future generations?

Interested in learning more about our solutions? Visit us on the web at [www.xerox.com/transportation](http://www.xerox.com/transportation)
Going green in transportation.

We’re making strides to grow and improve our efforts in reducing waste, making smarter decisions about energy use and protecting the climate.

Xerox began the green journey for environmental sustainability many years ago—proven by international recognition and awards in Environment, Health, Safety, and Sustainability. In 2011 alone:

- We rank in top 50 of Newsweek’s Green Rankings of 500 Largest U.S. Public Corporations
- Named to Dow Jones Sustainability Index 2011
- Named one of the Top 50 Best Global “Green” Brands
- FTSE4Good Index Series
- Corporate Responsibility Magazine ranked us 57th on its annual “100 Best Corporate Citizens List”
- Xerox was again named as one of the World’s Most Ethical Companies
- Our Webster, N.Y. campus presented Environmental Performance Silver Award
- Received Finning Chile’s Supplier Award 2010
- Forbes.com “The 100 Best Corporate Citizens”
- FORTUNE magazine ranks us in World’s Most Admired Companies

Our environmental sustainability.

We view sustainability not as a cost of doing business, but as a way of doing business. Our responsibility to the environment focuses on four challenges where we have the most impact:

- Reducing energy use and protecting the climate
- Preserving biodiversity and the world’s forests
- Preserving clean air and water
- Preventing and managing waste

Find out about us.

Xerox is the world’s leading enterprise for business process and document management. Its technology, expertise and services enable workplaces – from small businesses to large global enterprises – to simplify the way work gets done so they operate more effectively and focus more on what matters most: their real business. Xerox offers business process outsourcing and IT outsourcing services, including data processing, healthcare solutions, HR benefits management, finance support, transportation solutions, and customer relationship management services for commercial and government organizations worldwide. The company also provides extensive leading-edge document technology, services, software and genuine Xerox supplies for graphic communication and office printing environments of any size. Xerox serves clients in more than 160 countries.