As the global leader in rail technology, we view it as our corporate social responsibility to be profitable, to deliver our promise to customers for safe and competitive products, to be a good employer in every country in which we operate and to provide healthy and safe workplaces for all our employees.

In addition, it is our stated goal, through our commitment to sustainable mobility, to leave to the next generations a natural environment unspoiled by our industrial activities and products, to the best of our ability.

We recognize that our business goals must include making a positive difference to the communities in which we work. This extends beyond the creation of jobs and wealth, to the demonstration of best practice in every aspect of our operating behavior at every level, to the creation of environmentally driven products, services and to the development of an on-going dialogue with the many stakeholders with whom we interact.

We acknowledge that these are ambitious objectives that we have set for ourselves. Nevertheless, we are working with all our stakeholders including our employees, customers and suppliers around the world to turn these commitments into reality.

Our environmental commitment

Working actively to protect the environment through product responsibility is not only a commitment towards society but will also create competitive advantage for our customers, the rail operators.

Reducing energy consumption has become increasingly relevant to our work with our customers because of its environmental impact and its effect on cost and availability.

The primary goal of our environmental management system is to reduce our environmental footprint to the minimum level by means of a process of continuous improvement from the production process to the finished product.

The key challenge in product development is to satisfy customer demand for high speed and climate-controlled solutions while remaining competitive and improving environmental performance. We have introduced wide-ranging measures to ensure that this is achieved. For example:

**Design for Environment (DfE):** We go above and beyond current laws that require companies to achieve higher energy efficiency, lower noise emission levels and use risk-free materials. Set up over 15 years ago, our DfE program helps to develop vehicles that contribute to sustainable mobility. Since its launch, several hundred designers and supply managers have been trained on DfE guidelines.

**Investment in technology:** We invest in the development and improvement of advanced software tools that allow us to calculate the energy consumption of our vehicles with a higher degree of accuracy.

**Did you know…?**

Bombardier has a dedicated Centre of Competence to create products designed with the environment in mind. As a result some of our trains are now around 90% recyclable.
Rail vehicle recycling: We strive to make our products even more reusable – we recycle materials, avoid blending materials and marking polymers and batteries. For example, in the Victoria Line Upgrade project at London Underground, we ask all suppliers to comply with our list of ‘Prohibited and Restricted Substances’ and the marking of polymers.

Promoting the travel benefits of rail: We use Environmental Product Declarations (EPD’s) to provide stakeholders with relevant, reliable and objective information that is based on international standards, for example, ISO 14025: 2006.

Reducing energy consumption: While Bombardier’s global manufacturing network produces a relatively minor amount of greenhouse gas emissions (mainly CO2), we are continuing to work at reducing consumption where possible. For example, we are committed to:

- Reducing specific energy consumption/greenhouse gas emissions by 3% annually*, with special emphasis on heating energy, opting for district heating, thus leading to a reduction in CO2, sulphur dioxide and nitric oxide.
- Reducing specific water consumption by 3% annually*
- Reducing specific hazardous waste by 5% annually*
- Reducing specific general waste by 3% annually*
- Reducing organic compounds emitted from agents used in cleaning and degreasing or as solvents in paints and adhesives.

(*referred to 200,000 work hours)

Developing climate-friendly products: We are continuing to maximize the advantages of rail travel by developing products and services that use less energy, produce fewer emissions and relieve traffic congestion. For example: Our MITRAC Energy Saver makes more efficient use of braking energy on light rail vehicles – saving around 30%.

Our commitment to community

Bombardier can play a vital role in helping to create safe, healthy and vibrant communities where our employees and neighbors live and raise their families. This is not merely a matter of philanthropy but equally about fulfilling our responsibility as a good corporate citizen.

Our commitment to social responsibility takes on many forms reflecting the diversity of both local needs and the initiatives of employees. While we think it most effective that each of our divisions and sites around the world direct their community efforts as they see most beneficial, they do so under our overall community investment philosophy that considers projects with long-term impact that support youth and education, local culture and the environment directly related to the work we do. For example:

- In 2006, Bombardier Transportation became a founding partner for PlaNet Finance Deutschland – an initiative that targets poverty alleviation and economic development in association with the micro-finance sector.
- In the 2006 fiscal year, the J. Armand Bombardier Foundation, a non-profit organization set up by the founder of our company, disbursed $5 million Cdn to a range of projects in Canada from providing student bursaries, scholarships and donations to colleges and universities in Quebec and Canada to supporting several charity and relief organizations.
Commitment to our people

An important part of our social responsibility is the integrity with which we conduct our business. Bombardier has built an enviable reputation not only on excellent products and services, but also on the integrity of our people. The Bombardier Code of Ethics and Business Conduct sets the standard for the ethical business practices and behavior expected of every employee.

Occupation health and safety: A safe and secure environment, free from discrimination and harassment, is of paramount importance. We are steadily moving towards our ultimate goal of an ‘accident-free’ workplace and have introduced detailed measures to reduce accident frequency and severity for all plants. For example:

- Our manufacturing sites have considerably reduced their safety risks and the number of accidents and lost work days decreased by a factor of 10 over the last five years, reaching world-class status at the end of 2005.
- Independent legal compliance checks regarding health, safety and the environment are performed at least every three years.
- We have been acknowledged by the United Nations Conference on Trade and Development (UNCTAD) for the health and safety standards we achieved in the transfer of our locomotive propulsion control to India.

Working environment and opportunity: To maximize the potential of our diverse global workforce, we are committed to providing rewarding conditions of employment from education and training to equal opportunities.

Did you know?
Bombardier introduced above standard health systems for employees and their families in China and India and transferred the Bombardier way of health and safety management to many local suppliers.
Our commitment to partnership

In our view sustainable development and future-orientated mobility can only be achieved if all participants involved work together and learn from each other.

We nurture partnership and co-operation with our stakeholders including our employees, customers, suppliers, neighbors and communities where we have operations.

We strive to share our experiences and consolidate and expand our knowledge. Examples include:

- Membership of the Institute for Management Development’s (one of the world’s most eminent business schools in Lausanne, Switzerland) forum for Corporate Sustainable Management (CSM). Focusing on key issues of sustainability management: managing stakeholder dialogue, driving sustainability through leadership, product responsibility and human rights and linking it to business, corporations who participate build a sustainable business advantage through social and environmental strategic action.

- Contribution to several standardization initiatives such as the current development of ISO/TC 207.

- Association with industry bodies and environmental initiatives such as the Union of the European Railway Industries (UNIFE) and the Union of Public Transport (UITP), International Network for Environmental Management (INEM) and the German equivalent where our headquarters is based, Der Bundesdeutsche Arbeitskreis für Umweltbewusstes Management (BAUM).

For more information:

www.bombardier.com > About Us > Sustainable Mobility Transportation Sustainability Report

We maximize the advantage of rail travel by developing products and services that use less energy, produce fewer emissions and help relieve congestion.

Case study

community spirit

For over three decades, Bombardier Transportation India has been working closely with Indian Railways contributing to all three pillars of sustainability including environment protection, economic benefits and social development including:

- Achievement of ISO 14001 and OHSAS 18001 certification and being accident-free for six years, winning several awards for outstanding HSE performance.

- Introduction of a refurbishment process that produces near-new equipment at approximately 60% of the cost; about 80% of the parts and components can be re-used only requiring re-machining or re-coating: the cleaning and reworking of the parts is carried out by small suppliers, helping their business grow while having a positive knock-on effect for those working at transport companies.

- Indian Railways has recognized the huge success of this initiative, and the company is using the experience in its long-term strategy planning for maintenance.