

# Sustainability

With \$150 billion of assets under management and more than a century of experience as business operators, Brookfield has developed expertise in areas such as energy and water conservation, recycling, wildlife preservation, timber harvesting and erosion control. We pursue innovative programs and systems that foster environmental responsibility across all of our operations. Reviewing and improving our sustainability practices is an ongoing priority at all levels of the organization.



## Brookfield Environmental Principals

At Brookfield, we pride ourselves on contributing positively to the communities in which we operate. From an environmental perspective, that means we continually strive to minimize our impact on the environment, while balancing the need for economic growth for the company and these communities.

With over 100 years of operating experience across asset classes and businesses, we are building a track record of achievements and recognition for our efforts. The initiatives we undertake and the investments we make in building our company are guided by our core set of values around sustainable development.

Very simply we:

- **Commit** to the principle that our business decisions will address social issues, including the long term sustainability of communities, taking into account the current and future environmental, safety, health and economic considerations
- **Ensure** that effective management systems in all our facilities are in place to minimize risks to the environment, safety health and communities
- **Comply** with all applicable legislation, regulation and with other practices. In the case of the acquisition of an existing operation or facility that is out of compliance, our goal is to operate in compliance as soon as practicable
- **Establish** clear objectives and targets to meet and/or exceed North American standards
- **Communicate** openly on a timely basis with employees, the public, government officials, and other stakeholders on activities involving environment, safety and health
- **Conduct** regular assurance audits and self evaluations of our management systems, programs and activities



## **Clean Power**

Our \$15 billion power portfolio represents one of the world's largest collections of renewable power facilities, with 180 hydro stations and wind farms on two continents. In an average year, our plants generate enough clean power to supply 1.4 million homes. The same output from coal-fired generation would produce 15 million tons of CO<sub>2</sub>. Our ability to produce energy during peak periods, and conserve water during off peak hours, meets an important social need, as we deliver clean power when demand is at its highest.

In addition to producing carbon-free clean power, we employ corporate responsibility and sustainability standards in our renewable power operations that include:

- Environmental Management Systems modeled on the ISO 14001 Standard
- Safe Work Management Systems aligned with the OHSAS 18001 Standard



## Efficient Properties

As one of the largest commercial property investors in the world, we are committed to continuous improvement of our environmental performance. Sustainability is a priority for our tenants, and as landlords, our goal is to exceed their expectations. We know that shrinking the environmental footprint in our buildings, and cutting back on energy, water and waste will have a positive effect on the financial performance of our assets. To assist our efforts and assess our progress, we commissioned an outside audit of sustainability initiatives within our portfolio of 18 Canadian office buildings last year, and found that in 2010, our recycling programs saved the equivalent of 191,000 trees, our water usage fell by an amount that would fill 120 Olympic sized pools, and we saved enough electricity to power 3,800 homes.

Within our 88 million-square foot global office portfolio, we currently have:

- 16 Leadership in Energy and Environmental (LEED) certifications
- 100% of our Canadian properties earned BOMA BEST (Building Environmental Standards) certification
- 80% of our U.S. properties achieved ENERGY STAR certification





## **Responsible Forestry**

Our timber practices meet or exceed measures set under the U.S. Sustainable Forestry Initiative (SFI 2010-2014 Standard), a code that balances the economic benefits of forest management with other forest values. The major principles in this program include:

- Sustainable Forestry
- Soil Preservation
- Protection of Water Resources
- Protection of Special Sites and Biological Diversity