“meeting the needs of the present without compromising the ability of future generations to meet their own needs”

Brundtland Commission, 1987
Introduction

Environment
Introduction
Northeast Ohio - Environment
Environment
Northeast Ohio

http://www.globalchange.gov
A water quality advisory is seen at Cutler Lake at Blue Rock State Park, about an hour east of Columbus, Ohio. The lake was found to have toxic, blue-green algae.
Satellites Show U.S. Led Way in Lost Forestland from 2000–2005
The United States lost more than 46,000 square miles of forest from 2000 to 2005, about 6 percent of the nation’s forested land
Introduction
Equity and Society

http://www.reliableprosperity.net/explore.html
Environmental Justice is the belief that no community should have to bear the brunt of a disproportionate amount of environmental burdens and not enjoy any environmental benefits.

- Majora Carter, Founder of Sustainable South Bronx
Introduction

Environmental Justice

Introduction

Environmental Justice
Introduction

Coal Extraction
Introduction

Environmental Justice

Toxic Waste
Incinerator
East Liverpool, Ohio

East Liverpool, population according to household income

http://www.umich.edu/~snre492/mcormick.html

“The Urban Wild”

Levi’s Ready to Work - Braddock PA Pt1:
http://www.youtube.com/watch?v=kMgRkJxP5s

Levi’s Ready to Work - Braddock PA Pt2:
http://www.youtube.com/watch?v=UqCqiucDw7Q&NR=1
Introduction

Social Justice
Introduction

Social Justice

Canton's industrial safety net (Timken, Diebold and the like) dropped out from under us years ago with outsourcing and company crashes.

- Industrial Heartland in Ohio
- 

Introduction
Northeast Ohio – Society & Equity

Akron
Neohaus Institute

Cleveland EcoVillage
Introduction

Stark County – Society & Equity
Introduction

Economy
Introduction

Economy

Sustainability

At Walmart, we know that being an efficient and profitable business and being a good steward of the environment are goals that can work together. Our broad environmental goals at Walmart are simple and straightforward:

- To be supplied 100 percent by renewable energy;
- To create zero waste;
- To sell products that sustain people and the environment.

Our efforts have been recognized through numerous awards, which would not be possible without the support of our customers, associates and communities around the world.

Upcoming Events

Global Sustainability Milestone Meeting
Walmart is hosting the next global sustainability milestone meeting from 9 to 11 a.m. Central Time Thursday, Oct. 14. Watch the webcast or follow live Twitter updates @Walmartmeeting. During the milestone meeting, we will discuss a sustainability initiative we believe can be an important part of our leadership on issues that matter to our customer and our communities, and another step in building the Next Generation Walmart.

Recent Events

Global Sustainability Report
This report is designed to demonstrate Walmart's continued progress toward key initiatives and goals, and provide a snapshot of new endeavors launched between February 1, 2009, and January 31, 2010.
If you are connected to the internet, the following short video from Walmart might be worth viewing. Other short videos are referenced in the Sustainability Literacy Guide. See additional notes below...

http://walmartstores.com/Video/?id=1519

<object id='flashMovie' width='400' height='336' classid='clsid:d27cdb6e-ae6d-11cf-96b8-444553540000'><param name='movie' value='http://walmartstores.com/video/flash/MediaRoomPlayer.swf?xmlpath=http%3a%2f%2fwalmartstores.com%2fVideo%2fStreamXml.aspx%3fid%3d1519%26embed%3dtrue'/><param name='allowFullScreen' value='true'/><param name='allowScriptAccess' value='always'/><embed src='http://walmartstores.com/video/flash/MediaRoomPlayer.swf?xmlpath=http%3a%2f%2fwalmartstores.com%2fVideo%2fStreamXml.aspx%3fid%3d1519%26embed%3dtrue' type='application/x-shockwave-flash' width='400' height='336' allowscriptaccess='always' allowfullscreen='true'/></object>
Enterprise Goes Energy Efficient To **Save $50 Million** by 2015
Shearer’s Cuts the Ribbon on America’s Greenest Snack Factory
By Leslie Guevarra
Published August 12, 2010
Tags: Architecture & Design, Building Design, More...

The sustainability journey began about two years ago when CEO and co-founder Bob Shearer took a short trip to Cleveland to see General Electric CEO Jeff Immelt’s business gathering.

“He was talking about green and I thought, my gosh, I can’t just say,” said Shearer.

What followed was an ambitious program of environmental goal-setting and performance that has led to a sheaf of awards. The company achieved a milestone this summer by attaining LEED-Platinum certification for its new plant in Massillon, Ohio.

First LEED Platinum certified snack food plant worldwide
Location: Massillon, OH
Introduction

Economy

Introduction
Environment, Economy and Society
## Introduction

Northeast Ohio – Economy & Environment

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<tr>
<th>Industry</th>
<th>Money at Stake</th>
<th>Jobs at Stake</th>
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</thead>
<tbody>
<tr>
<td>Hunting, fishing, wildlife viewing</td>
<td>$2,900,000,000</td>
<td>48,000</td>
</tr>
<tr>
<td>Lake Erie Industries</td>
<td>$16,000,000,000</td>
<td>146,800</td>
</tr>
<tr>
<td>Timber</td>
<td>$15,000,000,000</td>
<td>119,000</td>
</tr>
<tr>
<td>Agriculture</td>
<td>$93,000,000,000</td>
<td>1,600,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$126,900,000,000</strong></td>
<td><strong>1,913,800</strong></td>
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</tbody>
</table>
Introduction

Economy and Environment

Universal Ownership
Why environmental externalities matter to institutional investors

Large institutional investors are, in effect, “Universal Owners”, as they often have highly-diversified and long-term portfolios that are representative of global capital markets. Their portfolios are inevitably exposed to growing and widespread costs from environmental damage caused by companies. They can positively influence the way business is conducted in order to reduce externalities and minimise their overall exposure to these costs. Long-term economic wellbeing and the interests of beneficiaries are at stake. Institutional investors can, and should, act collectively to reduce financial risk from environmental impacts.

US$ 6.6 trillion
The estimated annual environmental costs from global human activity equating to 11% of global GDP in 2008.

US$ 2.15 trillion
The cost of environmental damage caused by the world’s 3,000 largest publicly-listed companies in 2008.

>50%
The proportion of company earnings that could be at risk from environmental costs in an equity portfolio weighted according to the MSCI All Country World Index.

The PRI is an investor initiative in partnership with UNEP Finance Initiative and the UN Global Compact.
“Sustainability is ultimately about being a better company.”

Tim Carey, PepsiCo’s Sustainability Director
Introduction
Economy and Health

The Green Guide for Health Care is a best practices guide for healthy and sustainable building design, construction, and operations for the healthcare industry. Download the Green Guide today!

Transforming the way healthcare facilities are designed, constructed and operated.

“A newly constructed, code-compliant hospital can expect to save around $730,000 a year in energy costs.”