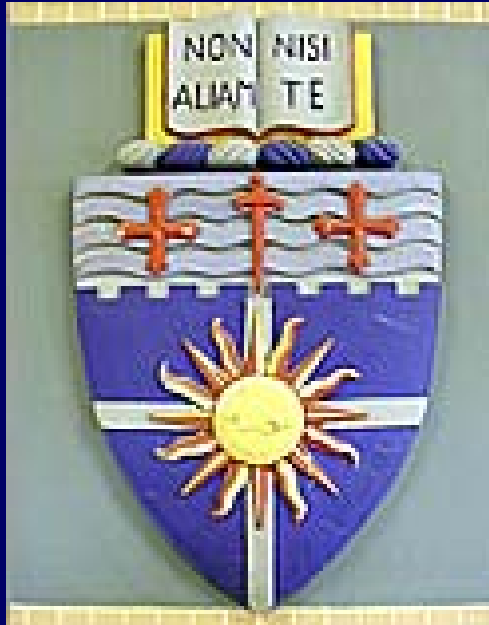


Report on UST Carbon Footprint

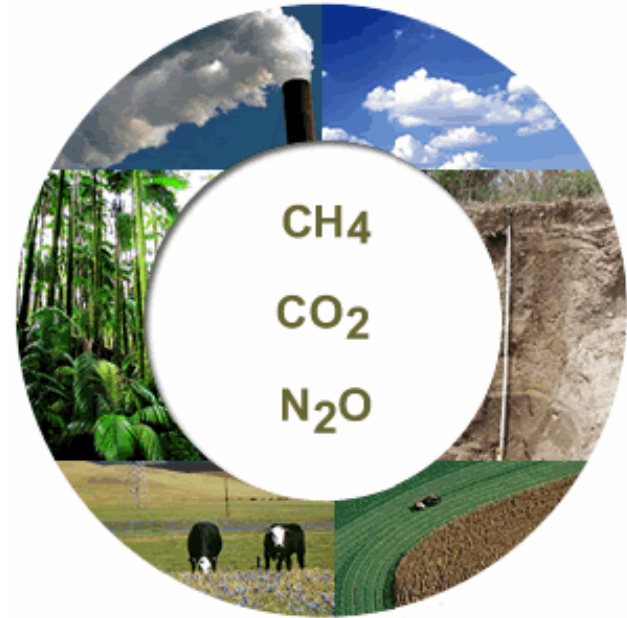


April 24, 2008

What is a carbon footprint?

An estimation of the university's emission of greenhouse gasses, including:

- CO₂
- CH₄
- N₂O
- SF₆
- HFCs
- PFCs



A greenhouse gas emissions inventory is an accounting of the amounts and sources of emissions of greenhouse gases attributable to the existence and operations of an institution. The completion of such an inventory provides an essential foundation for focused, effective outreach on the issue of climate change at a college or university, and the basis for institutional action to address it.

-from Clean Air-Cool Planet Toolkit

<http://www.cleanair-coolplanet.org/toolkit/>



CA-CP: Our Mission

We are in the business of solving the global warming problem, developing economically efficient and innovative climate policies and mobilizing civic engagement to implement practical climate solutions.

Some hurdles we encountered on the way....



- Where is the data located?
- Is the data accessible?



Commuting of students, staff & faculty



Air-travel of students, staff & faculty

So what have we found out?



	fulltime	parttime	summer	total
04-05	11,314	11,306	3,732	26,352
05-06	12,049	11,200	3,687	26,936
06-07	12,546	10,468	3,576	26,590

Our total student population has only increased 1%
in the past three years

Our operating budget has increased 6%
in the same period

Campus square footage has increased 11%
in that same time period

So what have we found out?



	kWh		
04-05	27,652,111	04-05	\$ 3,405,895.61
05-06	33,883,893	05-06	\$ 4,472,263.73
06-07	37,442,343	06-07	\$ 4,631,238.97

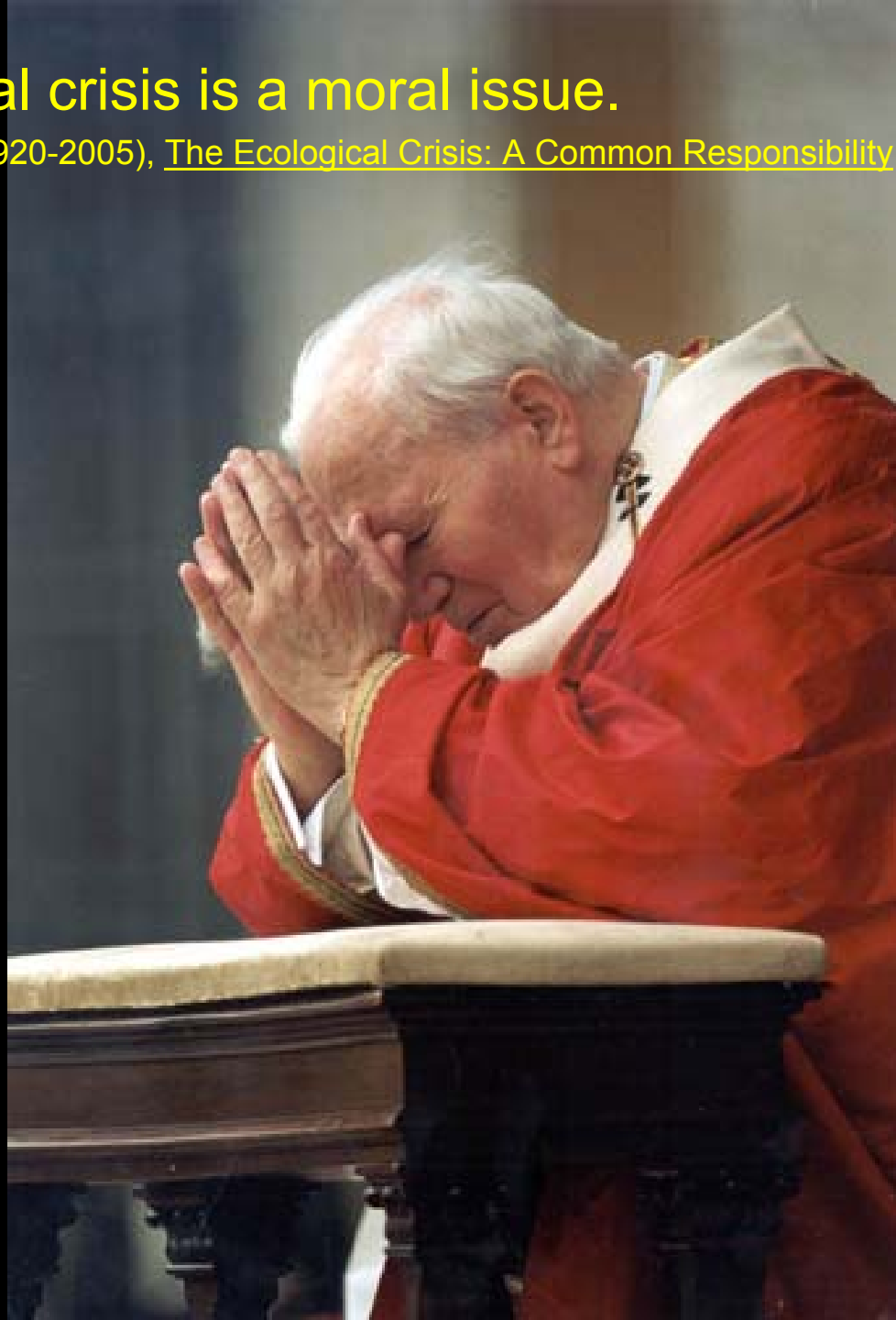
Our electricity use has increased by 35%
in the past three years

Steam purchased our MPL campus has increased 26%
in the same period

Accordingly, our energy budget has increased by 36%
in the same period

The ecological crisis is a moral issue.

...Pope John Paul II (1920-2005), [The Ecological Crisis: A Common Responsibility](#), 1990





We face a fundamental question which can be described as both ethical and ecological. How can accelerated development be prevented from turning against man? How can one prevent disasters that destroy the environment and threaten all forms of life, and how can the negative consequences that have already occurred be remedied?

...Pope John Paul II (1920-2005),
Speech to the European Bureau for the Environment,
L'Osservatore Romano, 26 Jun 1996



The future is in our hands.
What will we do with this opportunity?