

The Proposal -- REP 2015

Responsible Energy Policy 2015

The Homewood Campus of Johns Hopkins commits to employ fully carbon neutral operations by 2015 and thereafter.

To realize this commitment the University shall avoid, reduce, or offset its greenhouse gas emissions.

The scope of this pledge will include all on-campus electricity use, heating and transportation fuels, and procurement and disposal of relevant materials.

"No institutions in modern society are better equipped to catalyze the necessary transition to a sustainable world than universities... what they do matters to the wider public."

~ David Orr, Author



Let's make it happen

HEAT needs your support

Energy action is an issue which can invigorate and unite us behind a common purpose by tapping the optimism and can-do spirit that is embedded in our university's history. **We can bring change by showing our administration that we care about this issue:**

- ☼ Join HEAT, add strength in numbers
- ☼ Bring your student group into the HEAT coalition
- ☼ Sign the REP petition
- ☼ Write a letter to our administrators
 - President Brody
 - Dean Faulk and Dean Jones
- ☼ Show your support at HEAT events
- ☼ Be energy efficient!
- ☼ Talk to **everyone**
 - Friends, faculty, family, staff
 - Business & Alumni connections

The benefits of energy action are clear—**Let's take our future into our own hands and start by making Hopkins part of the solution.**



Contact us: heat@jhu.edu
www.jhu.edu/heat

HEAT

Hopkins Energy Action
Team



Carbon Neutrality by 2015



The World is Changing

The verdict is in: The world's scientists have agreed that human activities are causing global warming. Reversing climate change is the defining challenge of the 21st century.

• Our Economic Future is Endangered

• Tony Blair's Stern Review predicts climate change will negatively impact global GDP by 5 to 20% within the century.

- More powerful, destructive hurricanes
- Harm to agriculture and water supplies
- Flooding of coastlines and coastal cities
- Extreme temperatures and heat waves

• Our National Security is at Risk

• Our reliance on fossil fuels funds extremist authoritarian governments: *"As oil has moved to \$60 to \$70 a barrel, it has fostered a counterwave -- a wave of authoritarian leaders who are not only able to ensconce themselves in power because of huge oil profits but also to use their oil wealth to poison the global system."*

—Thomas Friedman, author of *The World is Flat*

• Climate change poses risks to global peace: *"Humanity will revert to its norm of constant battles for diminishing resources, which the battles themselves will further reduce even beyond the climatic effects. Once again, warfare will define human life."* —2006 Pentagon Climate Report

• We are Morally and Ethically Responsible

• The U.S. is responsible for over 25% of global warming pollution, yet the poorest countries will be hit earliest and hardest by climate change. Climate change will hinder our ability to alleviate global poverty and inequity.

"Global warming is set to make many of the problems which Africa already deals with, much, much worse."

—Andrew Simmons, *New Economics Foundation*

The Solutions Exist Today

Economic Vitality Begins with Energy Action

There is enormous growth potential to be unleashed by a clean, efficient energy economy. The Apollo Alliance has shown that investment into alternative and energy efficient technologies will create 3.3 million new jobs and add \$1.4 trillion dollars to U.S. GDP.



Hopkins is part of the problem

- Hopkins spends over \$9 million annually on electricity from coal-fired power plants, a major source of CO2 and health-damaging pollution.
- Hopkins uses dirty fossil fuels for its transportation and heating.
- Hopkins has no sustainability or climate policy.

Hopkins can become part of the solution

- Hopkins is a world-leading and highly regarded scientific institution that should be at the cutting edge of energy and efficiency technology.
- The aspirations of Johns Hopkins to help and heal the world with its medical and technological research cannot be accomplished without addressing the impacts of climate change.
- Leading society to reverse human induced global warming is a task that fits squarely into the educational, research, and public service missions of Johns Hopkins.



Hopkins Energy Action Team

"We have at most ten years — not ten years to decide upon action, but ten years to alter fundamentally the trajectory of global greenhouse emissions."

—James Hansen, Director NASA Goddard Institute for Space Studies

Climate Change is the greatest challenge facing our world

Solving it is our generation's greatest opportunity

—The time to act is **NOW**—



The Hopkins Energy Action Team is a coalition of student groups and individuals committed to bringing climate action to the Hopkins administration.

HEAT will bring the Johns Hopkins community to the forefront of the struggle against climate change by committing the Homewood Campus to carbon neutrality by 2015; no net carbon emissions will be produced as a consequence of our energy use. We can achieve this using simple, cost-effective solutions:

- Energy efficiency & conservation
- Green building technologies
- Clean transportation fuels
- Renewable energy sources
- Carbon offset programs

Visit www.jhu.edu/heat for more information