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To: Todd SternFax: 202 456 2215From: Rich RosenzweigDate: 10/14Total pages: 8Message: List of participants in today's meeting.

Not everyone will be at the dinner, but I
thought this would give you an idea of
your audience.

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Technology Strategy Project
October 14, 1997
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THE WHITE HOUSE
WASHINGTON

Todd -
Eich Roseaswera
~~Kevin Ray~~ has extended
an invitation to you, to
give the keynote dinner
address for this event.
Attached is a proposed agenda
for the event, and confirmed
attendees. Please advise
me on what you want
to do.



**Draft Agenda: Technology Strategy Project
October 14, 1997
ANA Hotel, 24th & M Streets, NW
Washington, D.C.**

8:00am	Continental Breakfast -- Sulgrave Room
8:30	Introductions, Background, and Overview -- Mr. Richard H. Rosenzweig
8:45	The Administrations View on Technology's Role in Addressing Greenhouse Gases: Barriers and Opportunities -- Dr. John Gibbons, Director, Office of Science and Technology Policy
9:15	Participant Discussion
9:45	Break
10:00	The Technology Imperative -- Dr. Richard Richels, Director, Global Climate Research Program, Electric Power Research Institute
10:20	Clarifying Questions
10:30	Research & Development Trends -- Dr. John Clarke, Associate Director, Battelle Pacific Northwest Laboratories
10:50	Clarifying Questions
11:00	Technology's Role In Addressing Greenhouse Gas Emissions and A Description of The Technology Strategy Project --Dr. James Edmonds, Chief Economist, Battelle Pacific Northwest Laboratories
11:30	Participant Discussion
12:15pm	Lunch
1:30	The Complementary Roles of The Public and Private Sectors in Developing a Technology Strategy For Climate Change --Dr. William Fulkerson, Senior Fellow, Joint Institute for Energy and Environment -- Dr. Martha Krebs, Director, Office of Energy Research, U.S. Department of Energy
2:10	Participant Discussion

2:30	Break
3:00	Public and Private Views on Technology's Role --Mr. Dale Heydlauff, Vice President, Environmental Affairs, American Electric Power --Mr. Bruce McCrodden, Senior Vice President, British Petroleum America --Mr. Dan Reicher, Nominee, Assistant Secretary, Energy Efficiency & Renewable Energy, U.S. Department of Energy
3:45	Participant Discussion
4:15	Summary of Day's Proceedings
4:45	Clarifying Questions and Next Steps
5:00	Adjourn
6:00	Cocktails -- Latrobe Room
7:00	Dinner --Address by Mr. Todd Stern, Assistant to The President and Staff Secretary (Invited) Culpeper Room
9:00	Adjourn

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for Todd's speech
tonight.

'97 OCT 14 PM5:16



For Todd Stern from Rosina (also on e-mail)

This meeting is kicking off a 2-year assessment of what "A Global Energy Technology Strategy to Address Climate Change" should be. It's an International, Public/Private Partnership sponsored by: Battelle Memorial Institute (a not-for-Profit organization that contracted to run DOE's Pacific Northwest Lab), British Petroleum, the Electric Power Research Institute, Mobil, Japan's National Institute for Environmental Studies. They are also collaborating with organizations in Beijing, India, Korea, Mexico and the International Institute of Applied Systems Analysis in Austria

Here's some thoughts you could share with them: (I suggest you praise them, show you know something about what they are up to, and disarm them with your charm.)

What they are doing with stakeholders and other countries is exactly what needs to be done.

This project recognizes that the climate challenge is a long-term multi-decade challenge. It cannot be solved overnight. They recognize any action taken in Kyoto is only the first step in a very long journey. They recognize that climate change is a global issue requiring participation of all countries. They believe energy tech options are not "one size fits all"—that different countries and regions of the world have different needs and therefore require different options. And, they believe that partnerships with industries are key to leveraging R&D to get the biggest bang for the buck. The Administration wholeheartedly agrees with each of these premises!

And, it will be a useful adjunct to the PCAST (President's Committee of Advisers on S&T) study and the 5-Lab study which looked at R&D for the US over the next couple of decades (Gibbons spoke about the PCAST study this morning and we gave out copies. As you probably know, PCAST recommends boosting the Energy R&D budget by a total of a billion dollars over the next 5 years principally for renewables and efficiency, but also to see if fission could ever be made acceptable and to redefine the fossil program to focus on high efficiency coal and to think about long-term storage of carbon).

The Battelle study, in contrast, will be global, look out to the long term—multiple decades, and analyze R&D needs as well socio-economic constraints to adoption of new technologies. They will conduct regional studies of various parts of the world to evaluate what energy technologies are most applicable for which regions and then, evaluate how best to make them penetrate the marketplace.

What they are proposing is something no one's done well to date. That is, to actually develop a blueprint on how to get from where we are today (energy-wise world-wide) to a principally low-carbon future and to identify the detailed steps needed along the way. E.g., IPCC (the Intergovernmental Panel on climate change) just posits the world could be 50% biomass by 2060, but how the heck are we going to get there when the US doesn't even have biomass

and
this
is what
we
REALLY
want
them
to do

crops growing on areas bigger than the ballroom you're speaking in? What should/could a roadmap look like? We need to know what investments need to be made in what time frame, how fast equipment turns over and what exactly we would replace it with, etc.

No one has tried to develop a strategic plan for technology, investment and deployment to get from the world today to a lower greenhouse world. If they can develop the very pragmatic goals and milestones along the way that are needed to get from here to some future where concentrations of greenhouse gases are stabilized they will have done us a big service.

YEAR 2000

Technology Strategy Document

We invite you to participate in a public and private sector international partnership to develop a global, technology-based strategy that will minimize the cost of stabilizing greenhouse gas concentrations at an environmentally acceptable level.

For further information...

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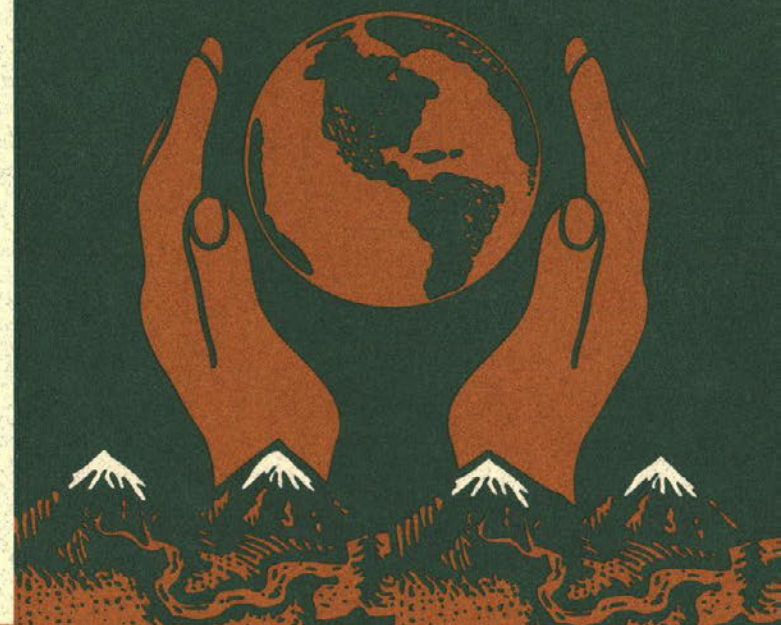
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Coping with Climate Change

A Global Technology Strategy



A Public-Private Sector Project
Seeking a Global Balance

A Joint Project of

- The Battelle Memorial Institute
- The Electric Power Research Institute
- British Petroleum
- International Research Institutions
- Private Sector Firms
- Government Agencies
- Non-Governmental Organizations

How

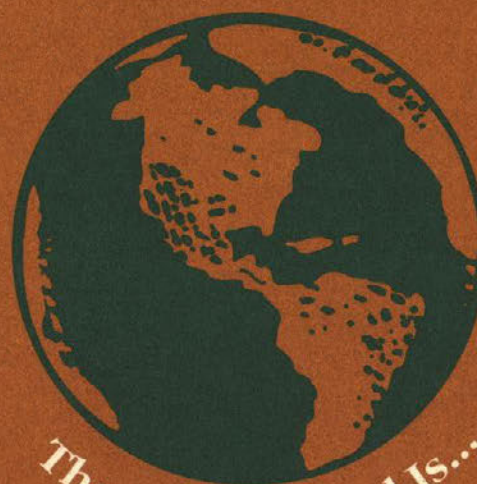
can the world limit climate change and maintain economic growth?

- Governments are now crafting policies to limit global climate change. These policies will eventually require a transformation of the world's energy system.
- Implementing these policies while maintaining economic development depends on having a global technology-based strategy to limit transition costs.

Why

do we need a project to create a technology-based strategy?

- Focusing on new science and technology can greatly reduce the cost of changing the way we use fossil energy.
- More integrated policies can provide the incentive, and allow the time, for new science, and technology development and deployment.
- All of the parties shaping the global response to climate change...public and private sector...can cooperate to craft a practical technology-based strategy.



The World's Goal Is...

“...stabilization of greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system.”

The Framework Convention on Climate Change

This project's contribution will be...
Crafting a technology-based greenhouse gas management strategy.

Needs Analysis

- **REGIONAL ENERGY PROJECTIONS...**
What are the realistic prospects for reducing energy intensity per unit of economic output?
- **CURRENT R&D TRENDS...**
How will current energy R&D affect carbon emissions?
- **GAP ANALYSES...**
What new science and technology are needed to meet alternative greenhouse gas concentrations goals?

Strategy Development

- **STRATEGY DEVELOPMENT...**
What R&D strategies would be economically efficient for meeting environmental goals?
- **TRANSITION ISSUES...**
How can new emission-limiting technologies penetrate the market in developing regions
- **IMPLEMENTATION ISSUES...**
How can the R&D strategy be adapted as new knowledge becomes available?

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A Global Energy Technology Strategy

To Address Climate Change



An International, Public/Private Partnership

Sponsored by: Battelle Memorial Institute, British Petroleum Company, Electric Power Research Institute, Mobil Corporation, National Institute for Environmental Studies (Japan)

In collaboration with: Beijing Energy Research Institute, Indian Institute of Management, International Institute for Applied Systems Analysis, Korean Energy Economics Institute, National Autonomous University of Mexico, Tata Energy Research Institute

October, 1997



A Global Energy Technology Strategy

To Address Climate Change

Agenda: Technology Strategy Project
October 14, 1997
ANA Hotel, 24th & M Streets, NW
Washington, D.C.

8:00 am	Continental Breakfast -- Ballroom II
8:30 am	Introductions, Background, and Overview -- Mr. Richard H. Rosenzweig, Partner, Alcalde & Fay
8:45 am	The Administration's View on Technology's Role in Addressing Greenhouse Gases: Barriers and Opportunities -- Dr. John Gibbons, Assistant to The President For Science and Technology, Director, Office of Science and Technology Policy
9:15 am	Participant Discussion
9:45 am	Break
10:00 am	The Public Sector's Role in Developing a Technology Strategy to Address Climate Change -- Dr. Martha Krebs, Director, Office of Energy Research, U.S. Department of Energy
10:20 am	Participant Discussion
10:30 am	The Technology Imperative in Driving Down Costs -- Dr. Richard Richels, Director, Global Climate Research Program, Electric Power Research Institute
10:45 am	Clarifying Questions
10:55 am	Research & Development and a Technology Strategy -- Dr. John Clarke, Associate Director, Battelle Pacific Northwest Division
11:10 am	Clarifying Questions
11:20 am	Building a Global Public/Private Technology Strategy -- Dr. Jae Edmonds, Chief Economist, Battelle Pacific Northwest Division
11:50 am	Participant Discussion
12:30 pm	Lunch -- Culpeper Room



A Global Energy Technology Strategy

To Address Climate Change

1:45 pm	The Complementary Roles of The Public and Private Sectors in Developing a Technology Strategy For Climate Change --Dr. William Fulkerson, Senior Fellow, Joint Institute for Energy and Environment
2:05 pm	Participant Discussion
2:15 pm	Public and Private Views on Technology's Role --Mr. Dale Heydlauff, Vice President, Environmental Affairs, American Electric Power --Mr. Bruce McCrodden, Senior Vice President, British Petroleum America
3:00 pm	Participant Discussion
3:30 pm	Break
4:00 pm	Summary of Day's Proceedings
4:45 pm	Clarifying Questions and Next Steps
5:00 pm	Adjourn
6:00 pm	Cocktails -- Latrobe Room
7:00 pm	Dinner --Address by Mr. Dirk Forrister, Chairman, White House Climate Change Task Force
9:00 pm	Adjourn