

Robert Farmer
Concept Communiqués, Inc.

and

**World Conservation Union —
Commission on Environmental Law**

Thinking creatively
about energy and climate change:
Energy after Kyoto and Johannesburg

SE Florida Chapter - AEE
Wednesday, October 23, 2002

The facts bearing on the case

- Fossil fuels will last for centuries
- All fossil fuels contain carbon
- 1.6 billion have no access to electricity
- 2.4 billion rely on biomass for cooking and heating
- USA appetite for oil and gas surpasses domestic resources

... facts • 2

- Dictated by “scale”
- Sustainable energy development = climate mitigation and adaptation
- Sustainable energy development =
 - efficiency
 - renewables
 - advanced clean fossil technologies
 - (... maybe nuclear)

... facts • 3

- Sustainable energy development is voluntary (Johannesburg Declaration)
- Climate change mitigation will be mandatory (Kyoto Protocol)
- Russian and Canada to ratify Kyoto Protocol
- Kyoto Protocol then becomes legally binding International Agreement

... facts • 4

- EU (European Union) and other Protocol parties determined to implement a global economic sustainable energy regime
- US energy policy does not address valid sustainability and has no climate mitigation commitments

What should Americans do?

- Embrace the environment as a worldwide growth market
- Take domestic action against climate change
- Combine top-down with bottom-up approaches
- Plan for local sustainable energy development

How can Americans do this?

- Strong Federal agenda
- Strong International agenda
- Strong Local agendas
- Education, training and public awareness for legislators, and the public alike

Federal Agenda

- Policies to promote energy innovations
 - increase RD&D on
 - accelerated development and deployment of next generation fossil technologies
 - carbon management/sequestration technologies
- Deregulate AND decentralize electricity production
 - with strong state controls on market power and protection of the public good

International Agenda

- Ratification of, and **STRONG** participation in the Kyoto Protocol
 - so we get a share of the action
- Active participation in the emerging internationalization of global environmental issues

Local Agenda

- “Are we really planning for sustainable development?”
- What is sustainable development?
 - a dynamic process in which communities anticipate and accommodate the needs of current and future generations in ways that reproduce and balance local, social, economic, and ecological systems, and link local actions to global concerns

Local Agenda • 2

- The *South Florida Strategic Regional Policy Plan* is a 20-year planning document
- Prepared by South Florida Regional Planning Council
- a guide for local governments in the development and implementation of their Comprehensive Plans

Local Agenda • 3

- SRPP recommendations under Economic Development:
 - implement a strategic community capacity-building program to assist in the development of energy sustainable communities and businesses
 - address the linkages between climate change impacts, sustainable energy development, and long-term economic development at the community level

Local Agenda • 4

- recommendations (continued):
 - plan our communities along the concepts of sustainable energy development to serve as both economic insurance and capacity-building training measures
 - encourage development of renewable, clean fossil fuels, and energy efficiency enterprises to serve our communities and international markets

Local Agenda • 5

- recommendations (continued):
 - ensure that long term sustainable energy opportunities will be available to South Florida exporter and service companies through active participation in the meetings of International Conventions

Educational Agenda

- Influence the Federal and International Agenda
- An informed public and business community communicating with their legislators

Educational Agenda • 2

- Promote concept of communities as sustainable ecosystems (Melbourne Principles)
- Education, training, and public awareness should take the form of capacity development
 - continuous process
 - long term programs



Concept Communiqués, Inc.
Fort Lauderdale FL 33308 • (954) 493-8127

www.conceptcommuniques.com