

2006 ASCC Conference Program

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Session III: Emerging security issues in the APEC region  
and the framework for collective actions

**“Enhance Human Security  
Preparedness in Renewable Energy”.**

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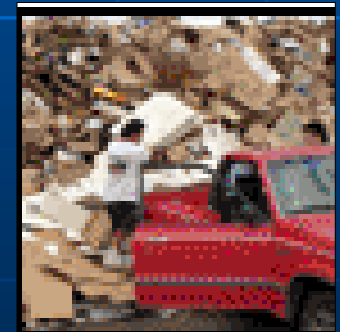
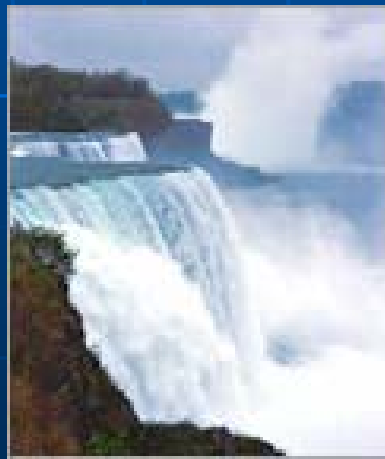


# Security and Prevention = Human Security.

- APEC 's concern is to build a concept of security wich include the ideas of **prevention and human's security level.**
- Better analysis an effective actions.
- Renewable Energy is a usable field to Prevention and Human Security.

Security is more than reestablishing peace or resolving conflicts

# Renewable Energy



# To understand RE we use five levels of analysis:

- ❑ The status of scientific research,
- ❑ The transformation of inventions into technologies
- ❑ The situation of RE in the market
- ❑ The mentalities and cultures in connection to the acceptance and use of RE
- ❑ The comparison between NRE and RE.



# Analyses results:

- Inventions in NRE get more financial resources, control market places, and are made by Corporations and Government
- Universities. Inventions in RE has little resources, control only a few market segment, and are doing by S&M enterprises
- local governments and pioneers researchers



# Energy Security Initiative (ESI) 2001 - 2002

“The ESI responds directly to the energy security challenges faced by the region and has demonstrated how voluntary partnerships between economies can successfully address potential threats to economic growth and development. In the short-term, the ESI calls for energy data-sharing and emergency preparedness, and over a longer horizon, for the development and over a longer horizon, for the development of clean, reliable, and sustainable energy sources.”

**The debate is between ESI paradigm of security:**

**Protect the economic growth and continue using NRE, instead of protect human security and invest in RE in the short term**

# Energy Security Initiative (ESI) in 2001 and 2002.

The APEC position in energy security respect to the security has undergone modifications. In the ESI days the main concern was the economy, to assure the economic growth. In 2004 the preoccupation is the human security. In the former days the question was to take care of the NRE, while the RE would be a matter for the long term. For today we thought that APEC understands security

For today we thought that APEC understands security as human security and the RE constitutes a priority and not a subject for the long term.

# Colima University's experience in the APEC, Security and RE.

- The authors of this paper follow up various APEC groups -- Energy, Intellectual Property, and Human Resources -- and we wish to pose the following questions: How does the subject of RE relate to our specific subject? What has been proposed by the task forces above referred to in response to our question?

# Test Project Proposal

With the objective of comparing results, learn from one another and most of all to expand cooperation, we propose to make a seminar about the role and importance of RE to achieve security on energy matters.



## **Individual objectives:**

**To share the “best practices” on RE safety,  
Analyze successful RE inventions  
Share Universities experiences regarding  
formation of experts on RE and its safety  
issues.**

# About the organizers

We propose that the organizers of the seminars should be the governments or the local communities, given the fact; they suffer the higher risks on energy issues.

Community will be able to create and preserve network with various actors: states, international organizations, universities and research centers, private institutions, non-governmental organizations.

# Conclusions

- 1. In view of APEC's objectives, the concept of security must emphasize the prevention of conflicts and disasters, both to prevent them as to minimize their effects. The REs are an excellent way to prevent security conflicts in the field of energy.**
- 2. APEC should adopt the concept of human security, given that people, more than economic growth, suffer insecurity.**

# Conclusions

**3. For the REs to fulfill that preventive role requires actions from the inventions to market mechanisms and social values, a) promoting applied research, b) accepting the energy consumer's viewpoint, c) supporting the initiative taken by PYMES and local governments and communities.**

# Conclusions

4. The APEC groups deal with the RE directly or indirectly. In both cases, coordination is possible and fits into the Strategic Approach to Capacity Building proposed by the Busan Roadmap to the Bogor Goals.
5. An event or work shop to examine what has been presented here would be advisable.

# THANKS

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