

4th World PetroCoal Congress-2014

DECLARATION

The 4th World PetroCoal Congress-2014 was held at New Delhi, India, during February 15-17, 2014, with participation from national and international delegates and a large number of student delegates. The theme of the 4th World PetroCoal Congress, **“Energy, Environment Efficiency, Equity & Entrepreneurship for a Greener Planet”**, provided a forum for taking stock of the existing challenges of meeting energy demand access and affordability, while preserving the environment and creating opportunities for innovation and business, besides promoting efficient use of existing resources.

The following resolutions emerged from the Congress:

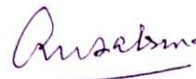
- Recognizing the need to supply energy to deprived citizen of the planet, governments in the developing and developed world have to work in close coordination with industries to provide fuels from existing resources for a sustainable future.
- Energy access, availability and affordability along with climate change can and must be treated as an integrated priority.
- There is need for greater transparency in sharing the cost, environment and sustainability implications of presently used fuels and technologies.
- As coal will continue to play a dominant role in satisfying the energy needs in developing countries, it is imperative to improve efficiency from coal fired power stations through supercritical, ultra supercritical and IGCC Technologies.
- For containing energy demand more stringent energy efficiency standards should be set for automobiles, appliances and energy intensive industries.
- Energy efficiency in buildings lighting and climate control appliances be given a high priority.
- Recognizing the emergence of gas as a fuel of the future, greater attention needs to be given for providing better infrastructure and network for access to gas.
- Transparent, pragmatic and equitable shale gas exploration and production policies need to be put in place at the earliest.
- The development of alternative fuels is vital in view of the depleting fossil fuel reserve and their skewed availability.
- The development of bio ethanol from crops like sweet sorghum needs development at commercial level.
- The potential of applying Coal Gasification Technology to lignite coals for the production of synthetic natural gas and liquid fuels like methanol and DME, at highly competitive prices was noted.
- The technology for converting coal and petcoke to ethanol to be used as fuel at highly competitive prices was noted.
- The possibility of harnessing emission gases from power plants, steel plants and other industry for conversion to useful fuel was noted and appreciated.
- Innovative solutions for energy saving in rail transportation need high priority.
- Energy storage policies need to be debated and enacted.

- The desirability of the enactment of "clean energy and environment" for the citizen as a statutory or constitutional right was discussed and recommended.
- The Conference noted the absence of a political agenda on the subjects of clean energy, environment, efficiency and innovation. Political parties need to take up the issues of cleaner energy and environment and efficient use of energy as a political agenda.
- There is need for policy makers, industry, researchers and financial experts to interact frequently at common platforms, rather than in silos.

The 4th World PetroCoal Congress-2014 extends its invitation to the energy industry, particularly the fossil fuel community world-wide, to reassemble in New Delhi in February 2015 to enhance closer coordination between industry, policy makers and academia to work out pragmatic energy solutions for the world.



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