

CSD-15
Industrial Development
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Scientific and Technological Community Intervention
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Thank you, Mr. Chair

The scientific and technological community has the following remarks on the important relationship between Industrial Development and Energy.

Our community is actively involved in the development and implementation of technologies used to generate energy. From the laboratories, to the generation facilities, to the distribution systems, our scientists and engineers design, build, operate and maintain the energy networks of the world.

We have this observation.

The link between industrial development and wealth creation and elimination of poverty is real.

Industrial development today must be based upon practices with greater efficiencies in the use of our renewable and non renewable resources. For industrial development to be successful and sustainable, recycling and reuse of resources must become normal practice and energy must be used efficiently.

Industrial development requires secure, sustainable energy and this specifically applies to the developing economies in the developing countries.

This need for energy requires that all sources of energy be considered. These sources include the carbon based energies (oil, coal, gas,) as well as nuclear, hydroelectric, solar, geothermal, tidal and others. The selection of an appropriate source of energy is based on many factors. These are technical, economic, political, social and environmental.

As an example important environmental and economic factors to consider is the life cycle impact of each energy source.

An example of this is related to the carbon based energy. It must evolve from its dirty nature to become a clean energy source. There are current technologies to move it in this direction, and our scientists and engineers are developing more

One last comment relates to the added cost burden of these new technologies as they apply to the developing countries. For Industrial Development to succeed, the funding agencies must allow the developing countries to include the added cost of clean technologies in their energy systems.

We thank you for the privilege of the floor.

Thank you

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