

UN-CSD-14-SIDS8May06

Scientific and TEchnological Communities

Statement on SIDS Related Energy Session  
8 May 2006

**Technology Transfer and Capacity Building for SIDS through demand management of Energy initiatives**

Emilio Colon, World Federation of Engineering Organisations

Technologies on energy production for SIDS need to start from effective programs in demand management and utilization of newer home and commercial buildings and equipment, as well as newer technologies which are more efficient energy users. Unfortunately many of the equipment made available are older technology and higher energy users because of costs and not viable anymore in developed countries. Reductions in the order of 20 to 30 % can be readily achieved.

Through Capacity Building efforts, SIDS can implement policies and programs to teach large populations on the use of the newer equipment and schemes for energy efficiencies. Utilities tend not to promote energy conservation because of its impacts on revenues and rate of return of current investments. Co-generation and other efficient energy production schemes need to be put in place and promoted by the lending institutions to reduce the initial costs, and placing part of repayment towards the end of the repayment period-following the Ballon approach.

The Technological Community, through WFEO, has started programs dealing with communities on energy infrastructure development, as well as its associated water and sanitation sectors. The initiative of Mobility for Engineers will assist in the technology transfer efforts.

emcolon@attglobal.net