

Committee: Environment Committee

Topic: Ensuring energy security and sustainability in LEDCs

Submitter: Colombia

Co-submitters: Armenia, Sudan, Turkmenistan

The United Nations Environmental Development Commission,

*Alarmed* that the limits established by the Kyoto Protocol are not fully respected and reached,

*Recalling* the resolution adopted by the General Assembly on the report of Second Committee (A/RES/66/206) of 13<sup>th</sup> March 2012 on the "Promotion of new and renewable sources of energy",

*Deeply convinced* that a necessary energy evolution provides a consistent fundamental pathway for protecting Earth climate through investments in renewable energies,

*Guided by* the conviction that, in order to solve the actual problems of the Earth, it is necessary to phase out fossil fuels and reduce CO<sub>2</sub> emissions while ensuring energy security,

*Taking note* of the experts' consensus affirming that, to avert the worst impacts on climate, a basic change of energy consume and generation must begin immediately and be well underway within the next ten years,

*Recognizing* that the Carbon Capture and Storage (CCS) is the process of capturing waste carbon dioxide from large point sources depositing it where it will not enter the atmosphere,

*Recalling* the European directive 2009/28/EC aiming at the reduction by 20% of consumptions of primary sources, the reduction by 20% of greenhouse gas emissions, according to Emission Trading Scheme (ETS) and the Kyoto Protocol, and the 20% increasing of renewable sources in the coverage of final consumption,

*Reaffirming* the Secretary-General's Sustainable Energy for All initiative (2012), a global call for bold action to achieve universal energy access, improve energy efficiency and grow the share of renewable energy,

*Noting with satisfaction* that the collaboration between the European Union and the Western African States for the construction of industries powered by renewable energies in change of free trades has brought to an increase of the energy access in those less developed countries,

*Recalling* the "International Energy Technology Collaboration and Climate Change Mitigation" (2004) by the Organization for Economic Co-operation and Development (OECD), the Environment Directorate and the International Energy Agency (IEA), aiming at realizing a cooperation between countries by sharing information, costs and efforts and granting an international technology exchange,

*Viewing with appreciation* the fact that the European Union has developed the International Cooperation in Science, Technology and Innovation Initiative, collaborating with non-EU countries or "Third Countries" with satisfying achievements,

1. Reminds the importance of the scientific and technological research to improve the performance of the current tools in renewable and clean energy;
2. Suggests to Member States to take part in the International Cooperation in Science, Technology and Innovation Initiative;
3. Recommends to advertise and finance the diffusion of innovative technologies to accelerate the development of the Carbon Capture and Storage process;
4. Emphasizes the importance to focus on training a new class of workers in LEDCs on technologies related to the production and use of renewable resources;
5. Suggests to assume the European directive 2009/28/EC as a model to extend to all Member States, in order to reduce the energy consumption and improve the energy efficiency all over the world;
6. Further invites the MEDCs to contribute to the development of the energy access of LEDCs in order to guarantee the necessary technologies to the LEDCs and a part of the generated energy to MEDCs;
7. Encourages the World Bank, the Foreign Direct Investments (FDI) and the Global Environment Facility (GEF) to continue to finance the technological exchanges between LEDCs and MEDCs to increase the energy production in LEDCs;
8. Establishes that both MEDCs and LEDCs will receive financing from UN bodies for projects related to the increase of energy access only if they respect, among the others, the following UN main themes:
  - a. peace keeping,
  - b. investments in education,
  - c. respect of the human rights,
  - d. safeguard of environment,
  - e. protection of workers' rights;
9. Requests to include in the next session the item entitled "Ensuring energy security and sustainability in LEDCs".