

(e) Invite the Intergovernmental Panel on Climate Change (IPCC) to examine the feasibility of, and where appropriate, develop scientifically credible methodologies for identifying critical loads for greenhouse gas emissions;

(f) Cooperate in facilitating the participation and training of experts and technical staff, particularly of developing countries, in the fields of research, data assembly, collection and assessment, and systematic observation related to the atmosphere;

(g) Promote the exchange of data and information, including those related to national, subregional and regional experiences for air pollution control;

(h) Maintain, enhance or establish the capability to predict atmospheric changes and fluctuations and to assess the resulting environmental consequences and socio-economic impacts.

## B. Promoting sustainable development

### 1. Energy development, efficiency and consumption

#### Basis for action

6. Much of the world's energy is produced and used in ways that could not be sustained if technology were to remain constant and if overall quantities were to increase substantially. This is particularly true in so far as atmospheric emissions are concerned. The international community must continually strive for energy development paths that are increasingly [safe and] sound environmentally and economically efficient. This will require reliance on environmentally [safe and] sound energy systems, increasingly based on efficiency in energy production, transmission, distribution and consumption, as well as on the use of [new and] renewable sources of energy. All energy sources will need to be used in ways that respect the atmosphere and the environment as a whole.

7. The existing constraints to increasing the energy supplies required for pursuing the path towards sustainable development, particularly in developing countries, need to be removed.

#### Objectives

8. The objectives of this programme are:

(a) As a long-term objective, to adopt methods and techniques that move away from present polluting and wasteful energy production and consumption patterns. [This is closely linked to the goal of diminishing current adverse effects on the atmosphere.] The new energy systems should be environmentally [safe and] sound, and increasingly based on efficiency in energy production,

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