

STATEMENT OF INTENT

BETWEEN

**THE DEPARTMENT OF ENERGY OF THE UNITED STATES OF AMERICA
AND
THE MINISTRY OF MINERALS, ENERGY AND WATER AFFAIRS
OF THE REPUBLIC OF BOTSWANA**

FOR COOPERATION IN THE FIELD OF FOSSIL ENERGY TECHNOLOGY

WHEREAS, the Department of Energy of the United States of America (DOE) and the Ministry of Minerals, Energy and Water Affairs of the Republic of Botswana, hereinafter referred to as the Participants, have a mutual interest in establishing a basis for cooperation in the area of fossil fuel-based technologies for power generation;

WHEREAS, the Republic of Botswana has identified coal as the dominant and hence significant energy resource, has promising opportunities for the development of its coal deposits, and has a desire to utilize the cleanest and most efficient technologies available for utilization of this resource: and

WHEREAS, the Department of Energy of the United States of America has considerable experience in the development and application of clean, efficient technologies for fossil fuel-based technologies for power generation;

The Participants hereby affirm:

1. Each Participant intends to discuss future cooperation between the Participants, with the objective of developing mutually beneficial joint activities.
2. The technical areas of interest to the Participants include, but are not limited to:
 - (a) Advanced, high-efficiency power systems;
 - (b) Environmental control systems for conventional and advanced power systems;
 - (c) Development of advanced central-station power and/or fuels production systems with very low emissions;
 - (d) Assessment of sequestration concepts for carbon dioxide (CO₂) and other greenhouse gases from fossil fuel-based systems, including capture, storage, and utilization; and



- (e) Other related technologies, such as minimization and utilization technologies for wastes resulting from fossil fuel production and use (e.g., coal combustion by-products).
- 3. Mechanisms for future cooperation may include the exchange of information and technical visits, industrial identification of potential applications, pilot projects, joint research and development, joint workshops and seminars, and technical and economic feasibility studies.
- 4. In the event that the Participants define joint cooperative activities that require the commitment of resources on the part of either Participant, the Participants will conduct such joint cooperative activities pursuant to a written agreement.
- 5. All costs associated with activities of each of the Participants undertaking in furtherance of this Statement of Intent will be borne by the Participant that incurs them, unless otherwise agreed in writing by the Participants.

Signed in Durban, South Africa, in duplicate, this 15th day of December, 2000.



David L. Goldwyn
Assistant Secretary for International Affairs
For the Department of Energy of the
United States of America



Honorable Boometswe Mokgothu
Minister
For the Ministry of Minerals, Energy and
Water Affairs of the Republic of Botswana