

ANNEX A

The following are the most promising areas for a Canadian contribution to the international bank of knowledge and expertise in the areas of new and renewable energy:

A. General areas

- energy planning, systems development, integration of policies and objectives;
- resource assessment and characterisation (wind, hydro, solar, forest);
- remote applications;
- rural energy development;
- transportation/transmission;
- design of special appliances to meet specific or unique requirements;
- systems engineering;
- cold temperature operation and design;
- training in any of these general or specific areas.

B. Specific areas

- (i) oil sands and heavy oils
  - resource characterisation
  - technology development and engineering
  - operational experience
  - tertiary recovery techniques
- (ii) hydro-power (conventional and small)
  - all aspects of conventional hydro, including planning, development, design, construction, supply of all equipment, remote control and monitoring, load management, operation, environmental assessment, etc.
  - small hydro resource assessment and feasibility studies
  - general hydraulics and hydraulic engineering (in relation also to other applications such as tidal power)