



INDUSTRY ENERGY RESEARCH AND DEVELOPMENT PROGRAM

CLEAN ENERGY TECHNOLOGIES

EMERGING TECHNOLOGIES PROGRAM

Program Description

The Emerging Technologies Program (ETP) is administered by the Industry Group of the CANMET Energy Technology Centre-Ottawa (CETC-Ottawa). It identifies and develops emerging energy efficiency technologies that have significant potential for energy use reduction, improved manufacturing competitiveness, and reduced environmental impact, in Canada.

The activities are developed cooperatively, and are co-managed and cost shared with industry and other stakeholders, such as gas and electric utilities, other governments, and equipment manufacturers. CETC-Ottawa's contributions are repayable from revenues or cost savings realized from successful projects.

There are four components to the program: Sector Studies, Technology Assessments, Follow-On R&D Activities and Field Trials.

Sector Studies

Sector Studies identify the existing, new and emerging energy technologies specific to particular industry sectors, and rank them with respect to energy efficiency improvement, environmental impact and productivity improvement. This ranked list should form the groundwork for that sector's energy R&D activities for the next twenty years.

Your Invitation to Work with Us

We are interested in collaborating with you. Please contact the Business Office to discuss your particular needs.

(613) 996-8693

cetc-bdo@nrcan.gc.ca

Technology Assessments

Technology Assessments are detailed evaluations of individual opportunities, technologies, energy benefits, environmental impacts, potential markets, and the economics of for R&D. They describe the implementation. They identify the R&D activities and the participants needed to bring the technologies to commercial acceptance.

Follow-On R&D Activities

Examples of these activities are the development and testing, with pilot plants or prototypes, of opportunities evaluated by the assessments.

Field Trials

Field Trials are full scale, first time Canadian applications of new technologies in an industrial environment, for the evaluation of their operating performances, energy efficiency improvements and reduced environmental impacts.

For Further Information Please Contact

Jacques Guérette, PEng
Manager, Industry Group

(613) 943-2261

jquerett@nrcan.gc.ca

CANMET Technology Centre – Ottawa
Natural Resources Canada
1 Haanel Drive
Neapan, Ontario, K1A 1M1
Canada

cetc.nrcan.gc.ca

