



Central and Eastern Europe by the Department of Foreign Affairs and International Trade Canada, are currently being implemented.

Common projects of total value of more than \$27 million are currently underway (or completed) in six major areas: democratic development, private sector, agriculture, environment, health care and nuclear safety.

The Embassy is taking part in the organization and activities of the Ukrainian Science and Technology Centre (established by the agreement of October 25, 1993 between Ukraine, Canada, USA and Sweden), within the Canadian nuclear safety initiative on retraining programs for Ukrainian nuclear specialists. The project, worth \$15 million, will be financing Ukraine's nuclear disarmament.

Links are being set up between Ukrainian and Canadian space and air industries. An agreement was reached with **SPAR AEROSPACE** provides for the participation of Ukrainian experts in assembling and testing of space technology systems. There is also the joint projects development on the real time systems with **CAE ELECTRONICS** firm. These companies are the leading edge centres of new technologies in North America, which traditionally receive contracts from military-industrial firms.

A joint project between the **O.K.Antonov ANTK** and the **Pratt & Whitney** firm is in the process of successful development. Its aim is to manufacture a medium-class passenger airplane competitive on the European and North American markets.

The acquiring of **BOSS** technology, which allows the information flow from Canadian manufacturers to be received in real time and helps to establish direct links with Ukrainian enterprises, is also important for Ukraine. Following negotiations at the Department of Foreign Affairs and International Trade Canada, Ministry of Industry and various Canadian firms, the Ukrainian partners for the technological implementation were determined -- the ministries of economy and communications, foreign economic contacts and a number of additional firms. This implementation will be financed by the Canadian government. Presently, there are Canadian experts working in Ukraine preparing the program of **BOSS** implementation.

There is also increased cooperation

with Canadian firms in the area of information systems research, including geographical information systems (GIS) for monitoring the environment within the guidelines of the project for rehabilitation of the Dnipro river, financed by Canadian government (\$5 million included in Ukraine's technical assistance program); liquidation and modelling of the consequences of Chernobyl nuclear disaster; development of Ukrainian-Canadian pilot project on the land-accounting system (Torren's) for the Kosiv district, Ivano-Frankivsk region; topographic database of Ukraine and, finally, the joint Ukrainian-Canadian-Belarusian project "**GIS Chernobyl**" and the devices for monitoring polluted regions. The equipment, estimated at \$30,000, was transferred to Ukraine. An international group on information systems projects for environmental monitoring was also created.

At the proposition of the Embassy, an international science and learning center on new information technologies and software is being planned for establishment in Ukraine by several Canadian firms, with the participation of the **Canadian Bureau of International Education**. Information materials on R&D grants for Ukrainian scientists, available from the Canadian government through the **Association of Universities and Colleges of Canada**, the **Council of Natural Sciences and Engineering Canada**, **National Research Council**, **NATO** and government science laboratories, were prepared and sent to Ukrainian State Committee on science and technology, National Academy of Sciences, Ministry of Education and to leading scientific institutions in Ukraine. These institutions were also sent the information and applications for the promotion and marketing of their scientific achievements, and assistance in the search for partners in Canada.

Meetings and talks were held with the Council of Natural Sciences and Engineering Canada, National Research Council, Canadian Universities and Colleges Association, National Research Council, Canadian Bureau of International Education, Ministry of Resources Canada, international research centres and research centres in Ottawa, Carleton, York and other universities. The issues in cooperation and joint projects' financing in science and technology were

discussed.

The Embassy held negotiations and did some preliminary work for the international information network pilot project, that will include the United Nations office in Ukraine, the Supreme Rada (Parliament) of Ukraine, UKMA, Ukrainian State Committee on nuclear safety, joint projects on promising models of electromobility, development of new computing and automation devices.

The Embassy also undertakes to communicate investment proposals of Ukrainian enterprises in the Ministry of Engine-building, military-industrial complex, Ministry of Conversion and other ministries, and is looking for partners on such proposals.

Joint ventures, organized with the international firm **PHARMASCIENCE**, allowed to acquire for Ukraine technologies of producing of about 20 of the most important kinds of contemporary medicine in 1994. Ukrainian and Canadian sides have prepared their suggestions on collaboration within the East-West enterprises exchange program (\$2.9 million, financed by the Canadian government, March 1994-June 1997), the Eastern Europe Renaissance program (\$1.1 million), professional partnership (\$632,900), **CESO** consulting program (\$697,000) and other programs.

Our actions are also directed towards organization of internationally-based laboratories on fundamental research, international learning centres and international conferences, and facilitating the participation of Ukrainian scientists in these conferences. In May-August 1994, through Canadian government funding, 20 Ukrainian experts took part in international conferences in Canada; 8 energy specialists and 20 medical specialists worked on probation in Canada for 4 months. Eight students from Ukrainian universities who took part in the training program, have been working in the offices of the members of Parliament; Ukrainian students will study in Canadian universities during the year.

*See also the story: CANADA-UKRAINE DISCUSS SCIENCE AND TECHNOLOGY AGREEMENT, page 28.*