



*Unloading the catch from Senegalese boats. Canada is assisting Senegal to implement an improved management, packaging, storage and distribution system.*

came to Canada for additional training.

Small scale fisheries are the focus of development projects not only because they are important economically but also because they are the mainstay of social life in some of the most deprived rural areas in the world. Improvements in these fisheries benefit the people directly and are possible without large capital investments.

#### **Increased farming**

Aquaculture or fish farming is another area of fishery development with potential for achieving short-term increases in food production. Not only can it meet the subsistence needs of the rural poor, but it has been developed commercially into a multi-million-dollar industry in Southeast Asia. Examples of Canadian assistance for this type of fish production include the upgrading of fish-farming in rural communities of Bangladesh and the support of inland fisheries in Thailand.

Canadian scientists are engaged in a wide range of research and the resulting fisheries science is marked by a close degree of international co-operation in which Canada is prominently involved. The country is represented on a dozen international fisheries bodies including the Northwest Atlantic Fisheries Organization, the International Council for Exploration of the Sea, the International Commission for the Conservation of Atlantic Tunas, and the International North Pacific Fisheries Commission.

## **Canada cable lights up Cairo**

A four-kilometre underground power transmission cable was successfully laid through the streets of Cairo, a week ahead of schedule recently, by Canada Wire and Cable Limited of Toronto, Ontario.

The line joined the new Shoubrah El Kheima generating station to a substation by the end of September marking the completion of the first phase of a \$62-million project for the Canadian company in Egypt.

Subsequent phases of the massive project include a 4.5-kilometre line to suburbs in northern Cairo, to be completed this month, and a nine-kilometre line to another part of the city, which is scheduled to be finished late next year.

Canada Wire has been working on other electrification projects in remote parts of Egypt for several years.

#### **Construction obstacles**

Digging 17 kilometres of trenches for the initial line through the heavy traffic-congested streets of Cairo, with a population of about ten million, posed some unusual logistic problems for the company. Construction of the line involved four canal crossings, tunnelling under the rail line between Cairo and Alexandria, and temporarily moving street merchants whose structures lay perilously close to the trench work.

Before digging began, company officials working on the site were apprehensive because of scant information on what lay beneath the streets. They were especially concerned about hitting an archeological site.

Most of the material and vehicles used on the project were shipped from Canada, creating on occasion some transit problems or the need for special safeguards. Transporting the cable, for example, required special precautions as the cable is moisture sensitive. It had to be packed and insulated to protect it from the extremes of temperature and changes in humidity encountered in transit.

Another concern was sand and, at one point, it looked as if it might be necessary to ship sand from Canada, even though the Sahara Desert covers most of the country. Eventually, sand with the necessary thermo-conductive properties was found near the site and was used to backfill the trench.

Timing was a crucial element of the project since the transmission line had to be ready to operate by the time the substation, being built by the Egyptian Electricity Authority, was completed. Because temperatures hovered around 45 degrees Celsius for three weeks, sometimes work started in the evening and continued through the night.

## **Quebec-Japan agreement**

Two agreements were signed between biotechnological and natural gas firms in Quebec and Japan during Quebec Premier René Levesque's recent visit to the Far East.

The first agreement between l'Institute Armand-Frappier of Laval, Quebec and the Protein Research Foundation of Osaka, Japan allows the two biotechnology companies to act as sole marketing agents for each other's products in Canada and Japan. It will also allow them to undertake joint research and development of new biotechnological products and to distribute each other's goods around the world, although not as exclusive agents outside their home countries.

Of particular interest to the Japanese are Armand-Frappier pharmaceuticals and hormones as well as technical expertise, while the Canadian company hopes to get peptides and other proteins already developed by the Japanese company.

The natural gas agreement, signed between Gas Metropolitan of Quebec and Osaka Gas, calls for technological co-operation in the industry by the two companies. The agreement, valid for a minimum of five years, gives Gas Metropolitan use and marketing of Osaka Gas technology related to gas-fired appliances and allows for adaptation of the Japanese technology to Canadian needs.

## **Funeral of Indira Gandhi**

Secretary of State for External Affairs Joe Clark headed the Canadian delegation at the funeral of slain Indian Prime Minister Indira Gandhi in New Delhi on November 3.

Mr. Clark was accompanied by Chief Justice Brian Dickson of the Supreme Court of Canada, External Relations Minister Monique Vézina and several other members of Parliament and provincial representatives.

During the funeral service, Mr. Clark laid a wreath at the bier of Mrs. Gandhi. He said that the Canadian government and people shared India's deep sense of loss over the passing of Mrs. Indira Gandhi, who not only was a strong and determined leader of her own country, but whose leading international role was vital.

Mr. Clark also said that "India's continued stability and creative vitality are of great importance to Canada and to the other members of the world community".

The minister added that Canada was committed to a strong and growing bilateral relationship with India.