

Energy

Nova Scotia is turning from imported oil to native coal to fulfil its energy needs and the province is also assessing its hydroelectric potential. For years Nova Scotia and New Brunswick have conducted studies on harnessing the high tides of the Bay of Fundy, a very unconventional source of hydro-electrical power. Tidal power may be a key element in Nova Scotia's program to secure needed energy resources.

Education

In Nova Scotia interest in education flows from a strong tradition which gave rise to Canada's first university and one of the first free public school systems in Canada. St. Francis Xavier University in Antigonish is famous as the home of the Antigonish Movement, which encouraged establishment of co-operatives through the Maritimes. The public school system provides a thirteen-year program of elementary and secondary education. Nine degree-granting institutions offer a wide variety of post-secondary educational opportunities including medicine, engineering and law. Other facilities include a teachers' college, an agricultural college, a land survey institute, a nautical institute and an institute of technology.

The province's natural interest in the sea is reflected in an emphasis on the study of oceanography. The Bedford Institute is one of the largest

oceanographic research centres in the world. The Nova Scotia Research Foundation is developing special devices for undersea exploration that are being introduced to world markets. Other oceanographic studies are carried out in the laboratories of Dalhousie University, which is also a major centre for medical research.

In conjunction with the full-time education program, Nova Scotia offers part-time courses to over 25,000 people. A massive renaissance of public participation in the recreational field is also under way. Nova Scotians of all ages and backgrounds take courses in painting, crafts, music, cultural pursuits and other pastimes.

Arts and culture

A growing interest among Nova Scotians in participating in the arts has produced flowering of amateur groups taking part in theatre, music and dance. It has also greatly stimulated professional and semi-professional activity. Halifax's Neptune Theatre, named for the *Théâtre du Neptune* formed in 1606 in Champlain's Port Royal settlement and regarded as one of Canada's finest provincial theatres, is developing an international reputation. The Mermaid Theatre of Wolfville and the Atlantic Symphony Orchestra tour Nova Scotia and the Atlantic provinces, as do semi-professional chamber orchestras and choral groups.