

forest research to develop scientific methods of forest management which are made available to the provinces and to industry. Forest Products Laboratories in Ottawa and Vancouver study the properties of fifty-two species of woods used by Canadian industry to determine both the best woods for various uses and the best uses for various woods.

The Department of Northern Affairs and National Resources is also concerned with the measurement of Canada's water resources. The Water Resources Branch has been compiling records of stream flow and water levels from 1,200 stations on rivers, lakes and streams across Canada. Its records, and others like them, are fundamental to the planning, construction and operation of all water-use projects. The unprecedented expansion that our hydro-electric capacity has undergone in recent years would have been much more difficult and uncertain without them.

Finally, a branch of the Federal Government which I must mention for its research on the development and wise use of our resources is the National Research Council. Its research in many fields is of great importance for the better use of the resources we have available.

I should like next to refer to action which the Federal Government has taken in areas where it exercises joint jurisdiction with the provinces. There is, first, the action taken under the Prairie Farm Rehabilitation Act, which was passed in 1935 to provide for the restoration of substantial areas in the three prairie provinces. This act is still in effect and activities under it relate to land culture practices, land utilization, and water development. The Department of Agriculture provides funds and direction for the construction of water reservoirs, for economic and soil surveys, for land classification, and for the provision of illustration stations to demonstrate the proper use of land. Work of a parallel kind has been accomplished under the Maritime Marshlands Rehabilitation Act to deal with the deterioration of the dykes and other structures whose protection enabled the marshlands of the Maritime Provinces to rank among the most productive soils in Canada.

There are also resource fields which lie solely within federal jurisdiction. One of these concerns the fisheries of Canada. It is the responsibility of the Department of Fisheries to protect, control and develop fish stocks. Increasingly in recent years these activities have been extended to the international fisheries and agreements have been concluded for their protection and development for the benefit of Canada.

The Federal Government has jurisdiction over the Northwest Territories and the Yukon and owns and administers the resources in these territories. The Department of Northern Affairs has as one of its chief functions, the promotion and the further economic progress of these territories. The importance of this responsibility may be measured by the fact that the