

very important series of researches into the best methods of preserving the forests of Eastern Canada from the destruction that is at present overtaking them owing to the methods of cutting which are now employed, and to determine which of the methods of forestry practice developed in the older countries of Europe is best adapted to Canadian conditions and will be most effective for the preservation of our Eastern forests.

The Dominion Government in co-operation with the Governments of Manitoba and Saskatchewan, are also, on the advice of the Research Council, about to undertake the erection and operation of an experimental plant for the conversion of the low grade lignite fuels of southern Saskatchewan into a high grade domestic fuel having the general character of anthracite to supply the needs of the population of the eastern plains.

The Research Council has also secured the close co-operation, as Associate Committees, of the leading technical men of the Dominion in Mining and Metallurgy, the Chemical Industries, and in various industrial activities of the Pacific Coast, and is with them now engaged in developing its work for the furtherance of Canadian industry in a number of important fields.

There can be no doubt that after the war commercial competition will be much more intense than ever before, since every country will seek to increase its production and export, for the purpose of meeting the enormous debts which have been piled up. Those countries which improve the quality of their products while cutting down costs through the introduction and adoption of the best and most advanced methods which can be developed by industrial research—and who at the same time by the adoption of co-operative action can market their goods cheaply and on a large scale—will capture the competitive markets. In other words, as has been recently remarked, big business, progressive methods, and scientific research must come together. Syndicating businesses and organizing scientific education and research are the aspects of the same operation.

If Canada is to maintain and improve its position among the countries of the world it must do so by learning how to work up its abundant raw materials into the cheapest and best merchantable products by the application of scientific knowledge to this work in hand. More extended facilities for research and a greater number of highly trained men are needed now in preparation for the for-