

The Committees should inquire into problems connected with the industries in their respective districts that seem likely to benefit from research, supervise such researches as are referred to them by the Board, and in general assist the Board and the National Advisory Council in their work.

4. The Board, with the assistance of the National Advisory Council and the Local Advisory Committees, should make a review—

- (a.) Of all research work that has been done or is in progress in connection with science and industry in the Dominion :
- (b.) Of problems to be solved in connection with existing industries or with industries to be established.

5. The Board after consultation with the National Advisory Council should consider all proposals for specific scientific researches, and allot to the proper person or persons the duty of conducting such specific researches as they may approve. The Board should also deal with problems affecting particular industries in order to determine along what lines research might be instituted.

6. The Board should have power to establish, award, and supervise Research Fellowships tenable for two, three, or more years (according to the time required for the research in question) by men or women qualified and willing to conduct researches approved by the Council. (The fellowships should be of sufficient value to prevent the holders from being attracted to other positions.) The Board should also have power to make grants of money in aid of research, in payment for services, or for apparatus, material, rent, and other incidental expenses.

7. The Board should obtain, as far as possible, the assistance of Public Departments, the University of New Zealand, the University Colleges, and other institutions, and of societies and private persons, in carrying out the researches.

8. The National Advisory Council should, on the request of the University of New Zealand, consult with and advise the Senate of the University in matters relating to the National Research Scholarships in the award of that body. It is desirable that the number and value of these scholarships should be increased in order to train a sufficient number of persons in the methods of research.

9. The Advisory Council should consult with and advise the General Council of Education as to the lines along which there could be brought about a general improvement in scientific education with a view to the training of experts, and should co-operate with that Council and other public bodies in taking such steps as may lead to the better appreciation of the aims and advantages of science on the part of producers and the general body of citizens.

10. The duties of the Board of Science and Art in respect to scientific publications should be transferred to the Board of Science and Industry, which in this regard should act on the advice of the National Advisory Council. All bulletins and reports relating to the researches set up by the Board should be drawn up and published with its authority.

11. In further explanation of the functions of the Board of Science and Industry it is suggested that the following should be included among them. The Board might—

- (a.) Advise industrial firms or companies as to improvements in the arts and processes employed and as to the utilization of waste products :
- (b.) Make recommendations as to the adoption in an industry of the results of investigations conducted under its directions :
- (c.) Undertake the investigation of industrial problems that, if unsolved, would obstruct the development of the industries concerned :
- (d.) Advise the Government in regard to the help that should be given to any new industry that is likely to be ultimately of value to the country, though at first it may not be workable except at a loss :
- (e.) Advise the Government as to what contribution, if any, should be made towards the cost of any research by the firms or companies benefited thereby.

During the past year various industrial bodies have discussed the general question, and have passed resolutions approving of increased Government aid to industrial research, but no details of any scheme have been framed by them.

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