

## MAN IN THE NORTH

To complement its traditional involvement in the physical and earth sciences, the Arctic Institute of North America (AINA) has initiated a number of social and economic programs for northern situations.

One such program, Man in the North (MIN), was launched recently to provide scientific back-up to a three-year study of community planning and development. The objects on MIN are to identify the various elements of northern community development, to indicate priorities, and to set up implementation guidelines for the 1970-1980 decade.

### METHOD

First, an area was chosen in Canada (the Mackenzie Delta). Local residents, mainly Eskimos and Indians, held meetings during September, October and November 1970 to decide the various issues to be debated at a MIN-sponsored conference to be held at Inuvik, Northwest Territories, in November 1970. Thirty-five delegates of the dozen communities involved met at Inuvik, from November 18 to 22, 1970, with 12 specialists (including MIN staff) from Canada and the United States. This gathering permitted the participants to identify the main factors in community development in the North, to weigh their respective importance in the light of the aspirations of northern residents and to determine the feasibility of attaining them.

Working on the findings of the Inuvik Conference, the specialists who were present at Inuvik will lead a number of task forces and sub-task forces to study the technical aspects of the problems uncovered at the Conference, and ways of implementing proposed solutions. Broad terms of reference will be: architecture and town planning; education; health; communication and transportation; socioeconomic and cross-cultural relations. Each of these topics will be further subdivided.

### MOTOR-CAR POLLUTION

A new regulation governing exhaust emission by vehicles powered by gasoline has been proposed by the Minister of Transport, Mr. Don Jamieson.

An amendment is proposed to the section of the Motor Vehicle Safety Regulations governing exhaust emission from vehicles of this kind manufactured after July 1, 1971. The theoretical flow method of measuring exhaust hydrocarbons and carbon monoxide emission that has been used up to now will be replaced by the newer approved true mass, or weight, measurement, which is a more accurate and a fairer method of measuring hydrocarbon emission when applied to automobiles and other vehicles of the light-duty class. Accordingly, new test methods have been developed for the 1972 model year, which will

Before publication, most of the findings of the task forces will be presented and discussed at two more conferences, planned for 1971 and 1972. These meetings will bring together users, specialists, and planners from industry and government.

### ORGANIZATION

The headquarters of the MIN project are in the Montreal office of the Arctic Institute, where a small permanent staff is under the direction of Eric Gourdeau — an economist and engineer who has been deeply involved in Arctic problems, both in Canada and in the other circumpolar countries during the past ten years. As the work progresses, a sizable number of specialists will participate in the task forces for various periods of time. The autochthonous people of North America will be continuously involved in the research work.



*Participants in the Man in the North Conference, Inuvik, N.W.T., in November 1970: Dr. Elizabeth Cass, Inuvik, Mr. Isador Yukon and Mr. Victor Beyonne, Fort Franklin, and Mr. Peter Anderson, Fort Rae.*

measure the actual concentration of pollutants and the actual volume of emissions from a vehicle.

The Motor Vehicle Safety Regulations, which came into effect on January 1 this year, were first published in the *Canada Gazette* on November 25, 1970. The proposed amendments were included in Part I of the *Canada Gazette* issued on January 30.

### OTHER VEHICLES

In other proposals, snowmobiles used in competitions, and motor-cycles, are more definitely defined and, as these machines are suited only for use in competition, they will not be required to be equipped with headlights and mufflers, which are absolutely necessary on recreational vehicles or on those used only for transportation. Further, the proposals define "minibikes" and exclude this type