

# 2 Priority Subjects

## Priority Subject 1 Capacity Building and Research Promotion

The capacity building of early carrier researchers who will play a key role in future Arctic research projects and resolving a range of Arctic-related issues is an urgent challenge in Japan's Arctic policy, centered on research and development, international cooperation, and sustainable use. In this Priority Subject 1, we aim to develop capacity building for early carrier researchers by sending them to overseas Arctic research institutes, in order to gain experiences in overseas exchanges, including collaborative observations and international discussions. Through the systematic and continuous such efforts, we aim to strengthen the research capabilities of

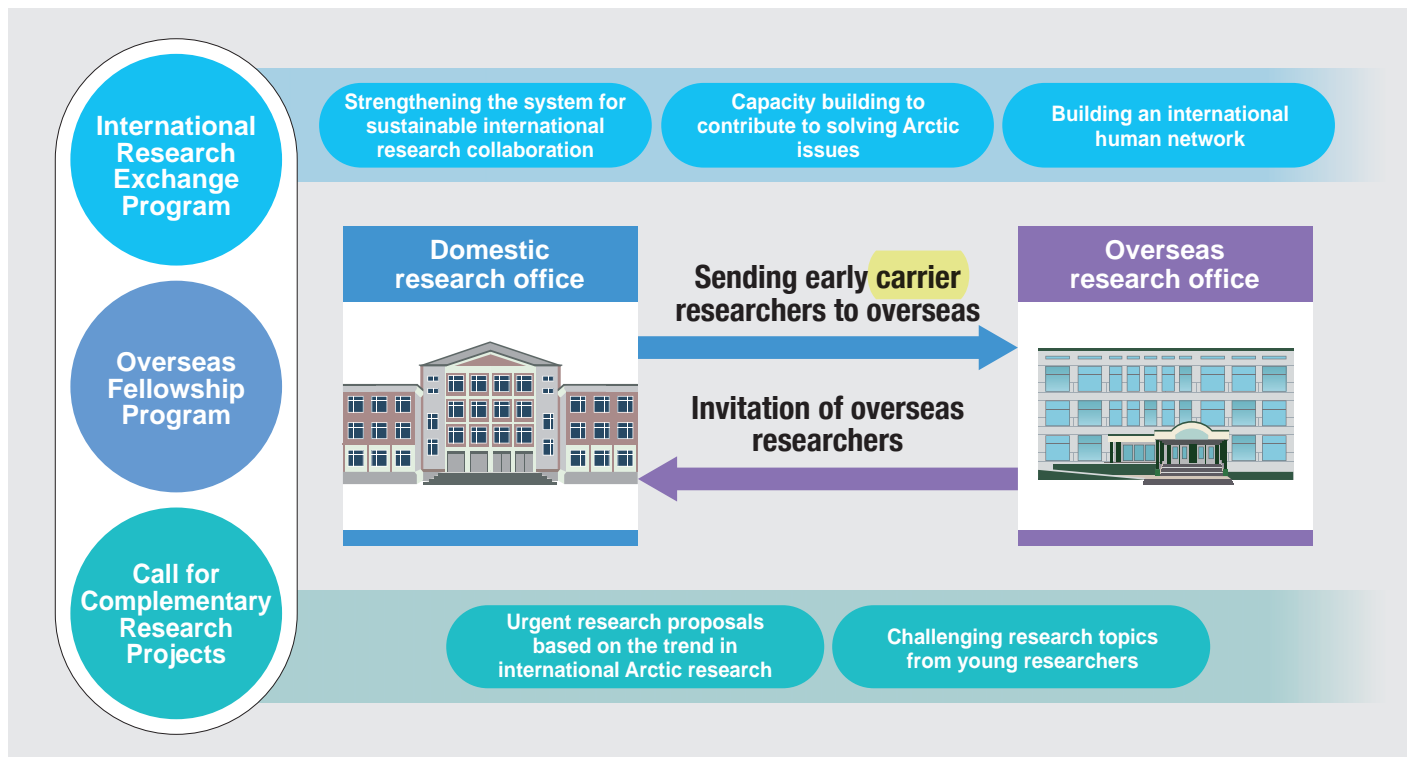
the research organizations involved. This subject will also contribute to the project's goal by soliciting proposals on urgent and/or challenging research topics that complement the Strategic Goals, in light of dynamically developing international trends in Arctic research.



### - International Research Exchange Program

We will promote multi-year systematic exchanges of researchers, not on an individual basis, but between laboratories/research groups at universities and other research institutions in Japan and those in major overseas Arctic research institutes.

This will contribute to building sustainable international research collaboration and an international network of researchers, which will, even after the program is completed, strengthen the capabilities of the whole Arctic research community as well as develop stable career paths for early career researchers.



### - Overseas Fellowship Program

In addition to providing opportunities for early carrier researchers and graduate students to pursue their research projects abroad, we will also support presentation and information gathering at international conferences by staff members in industrial and governmental sectors during their stay at overseas institutions.

The goal of the program is to support voluntary and autonomous young applicants to build their capacities overseas who are eligible to play key roles in international arenas for the Arctic issues.

### - Call for Complementary Research Projects

Based on the latest international trends/needs in Arctic research, we will call for spontaneous research proposals from early carrier researchers and urgent global-scale proposals that have not been included in our Research Programs, to complement and achieve the Strategic Goals.