

INTAROS teaching and outreach materials: how a multidisciplinary project creates opportunities for teachers and the general public

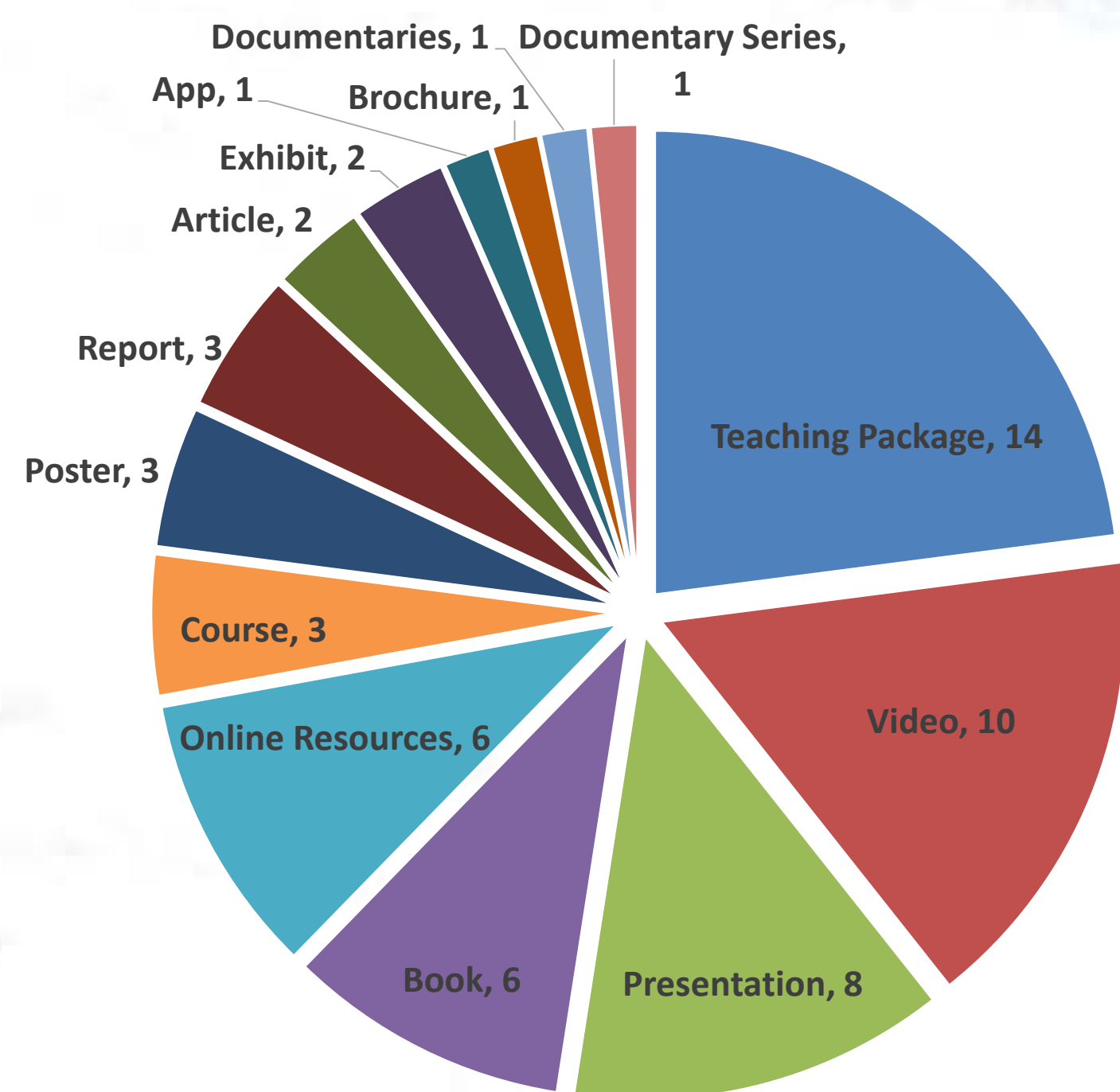
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The dissemination and exploitation activities are closely linked with communication and stakeholder engagement: the target audiences include research, public services, commercial operators, investment, insurance, environmental organizations, policy makers, local communities, and educational institutes. One of the INTAROS objectives is to disseminate project results to raise awareness of Arctic challenges and to inform and engage key users and stakeholder communities to improve their understanding of the Arctic environmental state and processes. The further aim is to build capacity in using the new products and services originating from the INTAROS project.

This contribution provides an overview of dissemination materials and products that are targeted towards teaching and/or intended for outreach purposes. The referenced teaching materials include products aimed at students ranging from school to university level, as well as the general public. The outreach materials are aimed at communicating knowledge about the INTAROS project, the scientific work, key findings as well as promoting general knowledge about climate and climate change.

Capacity Building for High Schools and the General Public



GINR produced an analysis of the available educational material dedicated to polar research and Arctic monitoring, for use with school students and the general public:

Deliverable 7.7 Educational Materials V1 (Public Deliverable)

Identified 61 teaching resources:

32 from INTAROS,
29 from external sources.

The target audiences for these materials ranged from elementary school students, to university students, professionals and the general public.

Resources were described as being for Teaching purposes (23), Outreach purposes (26), or for Teaching and Outreach purposes (12).

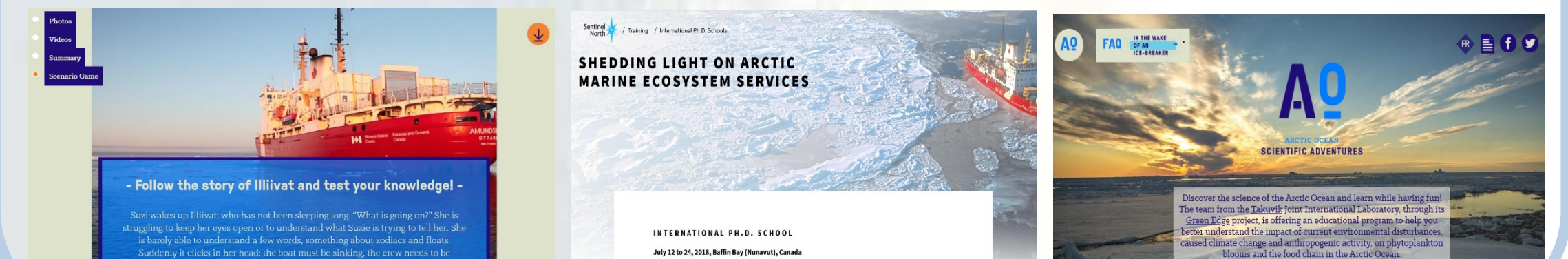
Gaps and Needs for Arctic Outreach Materials

There is little missing from the variety of materials developed for Arctic education among high schools and the general public. The materials that exist are varied and up-to-date, with most material being developed in the past 1-3 years.

The challenge for INTAROS will be to encourage engagement with high schools and uptake of the existing and new materials being developed for these target audiences. Focus will continue to follow the trend towards online materials and apps, as well as complete dedicated packages and courses, in order to ensure continuity of the engagement secured during the project.

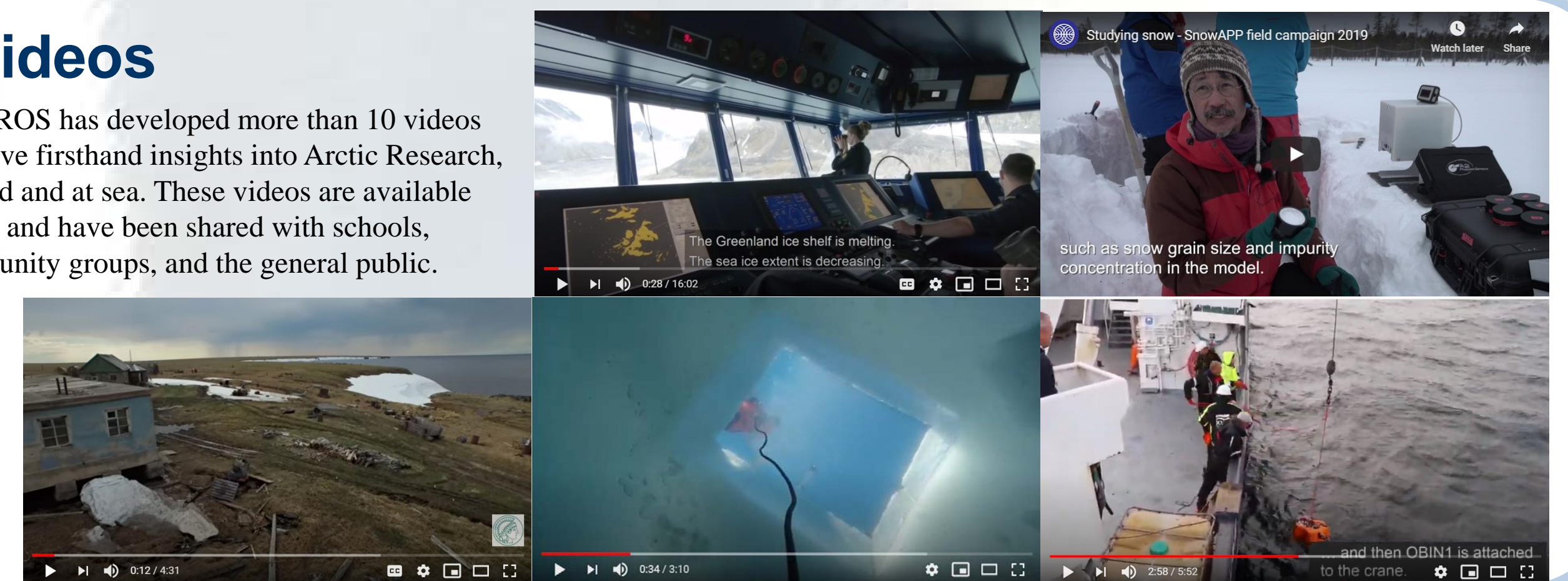
Teaching Packages

INTAROS partners have developed a range of teaching packages that were delivered through summer courses, schools, museums, and more. Some of these resources are available online. Advantages of full teaching packages is the ability to vary content and diversify the interest component. Through direct delivery, these types of teaching packages can have the maximum impact on students and members of the public.



Videos

INTAROS has developed more than 10 videos that give firsthand insights into Arctic Research, on land and at sea. These videos are available online and have been shared with schools, community groups, and the general public.



Booklets and Online Resources

A variety of booklets and online resources are available online, produced in the course of the INTAROS project. A series of proceedings documents describes efforts with local communities towards Community Based Monitoring, as well as work with industry stakeholders, through experience exchange workshops and dialogue fora. [INTAROS Community Based Monitoring Library](#) is a complete online resource that supports capacity building for communities and the wider public.



Access full report here

