



SVALBARD INTEGRATED ARCTIC
EARTH OBSERVING SYSTEM

SIOS is an **international research infrastructure** for Earth System Science in and around Svalbard.

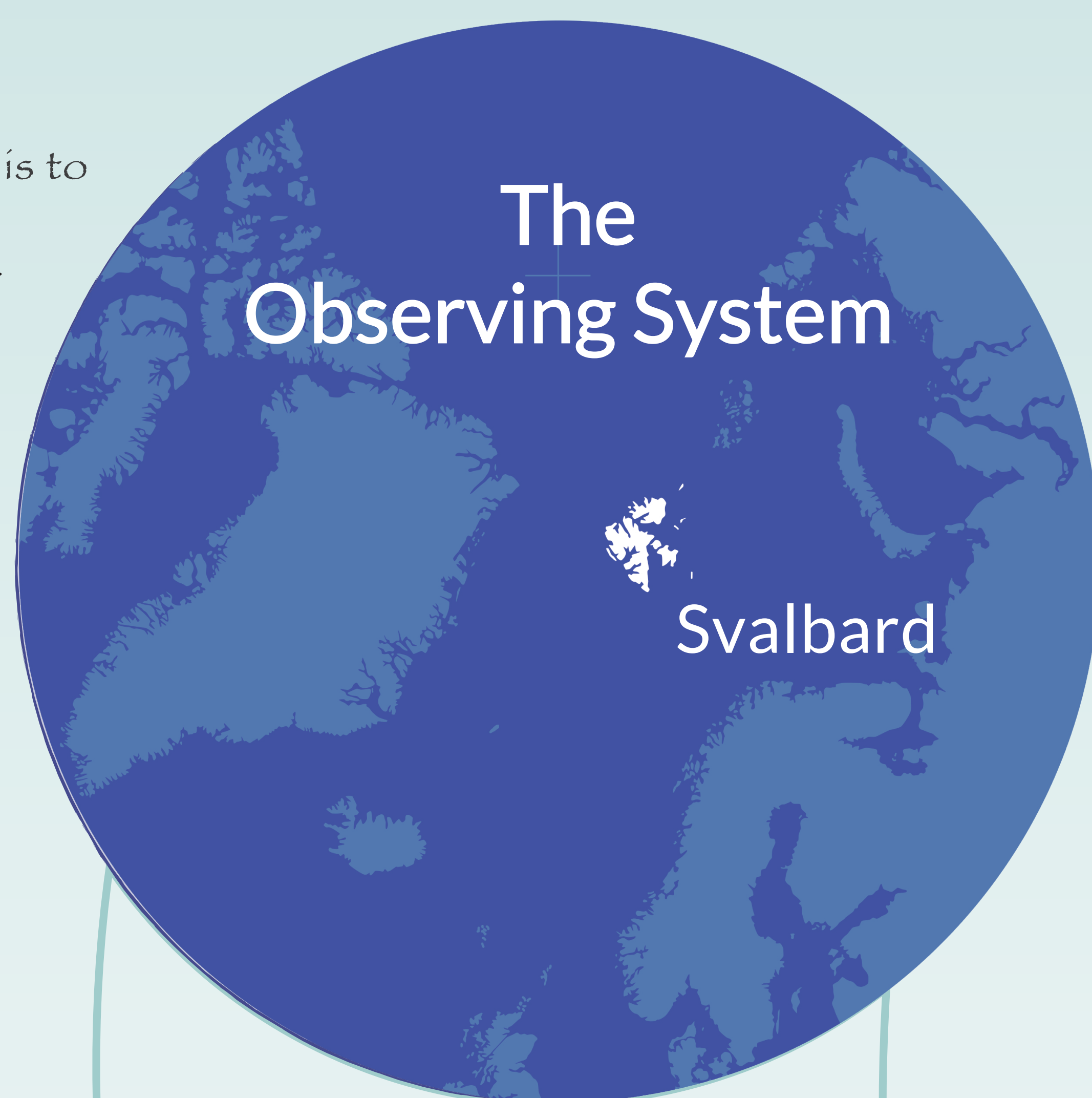
By promoting international cooperation across scientific disciplines SIOS is a **platform for integrated problem solving and effective use of joint resources**.

SIOS is funded by the Research Council of Norway and the member institutions.

The **Knowledge Centre** is the central node of SIOS.

It is located in Longyearbyen in Svalbard and offers **coordinated services**.

The purpose of SIOS is to **improve the Earth Observing System for Svalbard**, to integrate the data from the distributed research infrastructure and to maintain **systematic and sustainable measurements** over a long period.

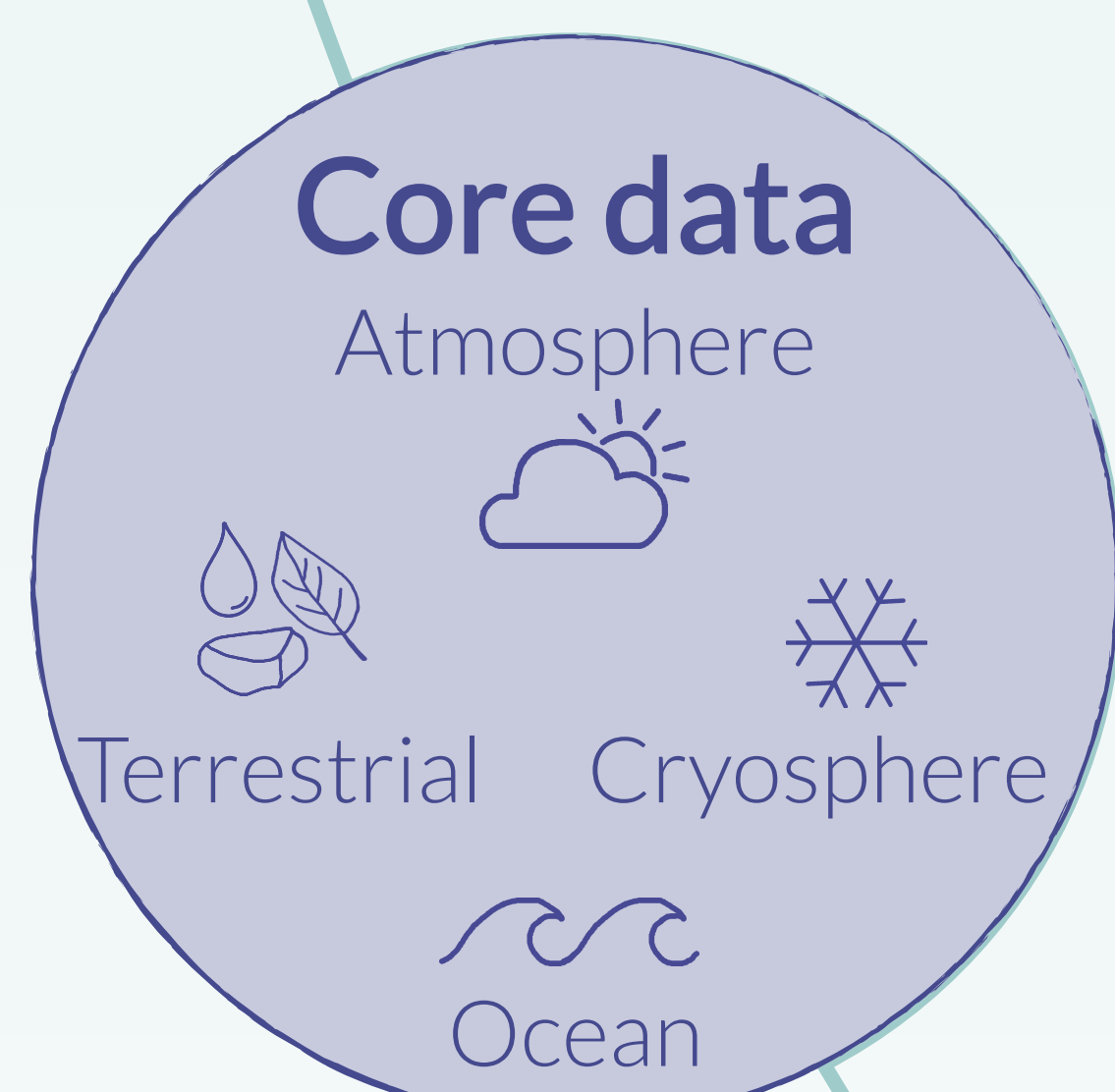


SIOS issues **regular calls** for activities to improve core data or research infrastructure, and for chapters in the SESS report.

This way, research groups can contribute to the development of the observing system

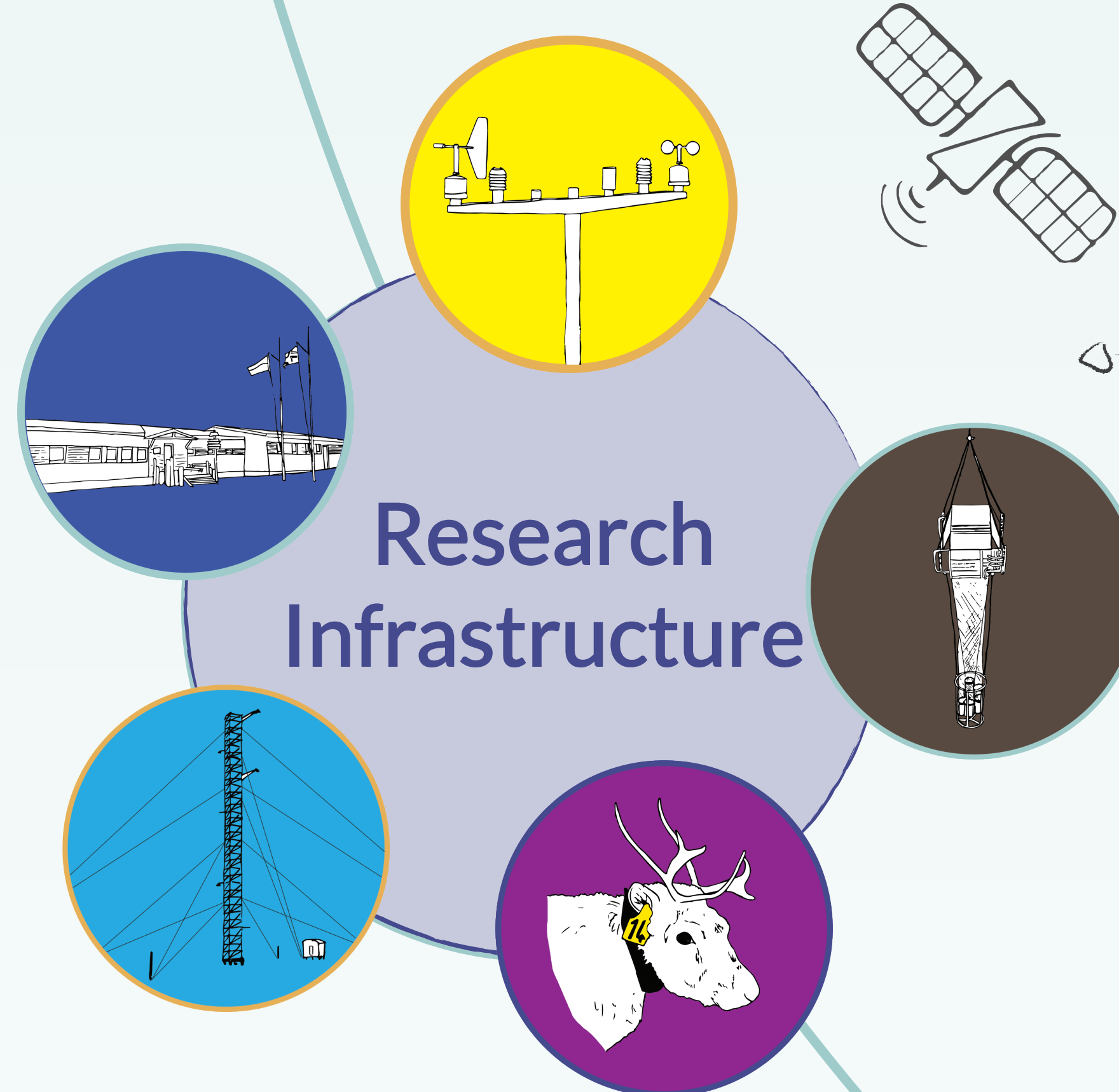
SIOS focuses on **processes** within and **interactions** between the spheres in Earth System Science.

The core data are **long-term data series** that can be used as a basis for innovative research initiatives.



SIOS is managed by a **consortium of international institutions** that own research infrastructure in and around Svalbard.

The SIOS Consortium



Within SIOS, researchers can contribute to improving the Observing System by making best use of existing infrastructure, testing new monitoring methods and extending the observing network.

The annual **SESS report** summarises the **current knowledge** about Earth System Science in Svalbard.

It highlights research needs, and recommends future investments in the Observing System.

All SESS reports are available on our website.

The SESS* report
* State of the Environmental Science in Svalbard

