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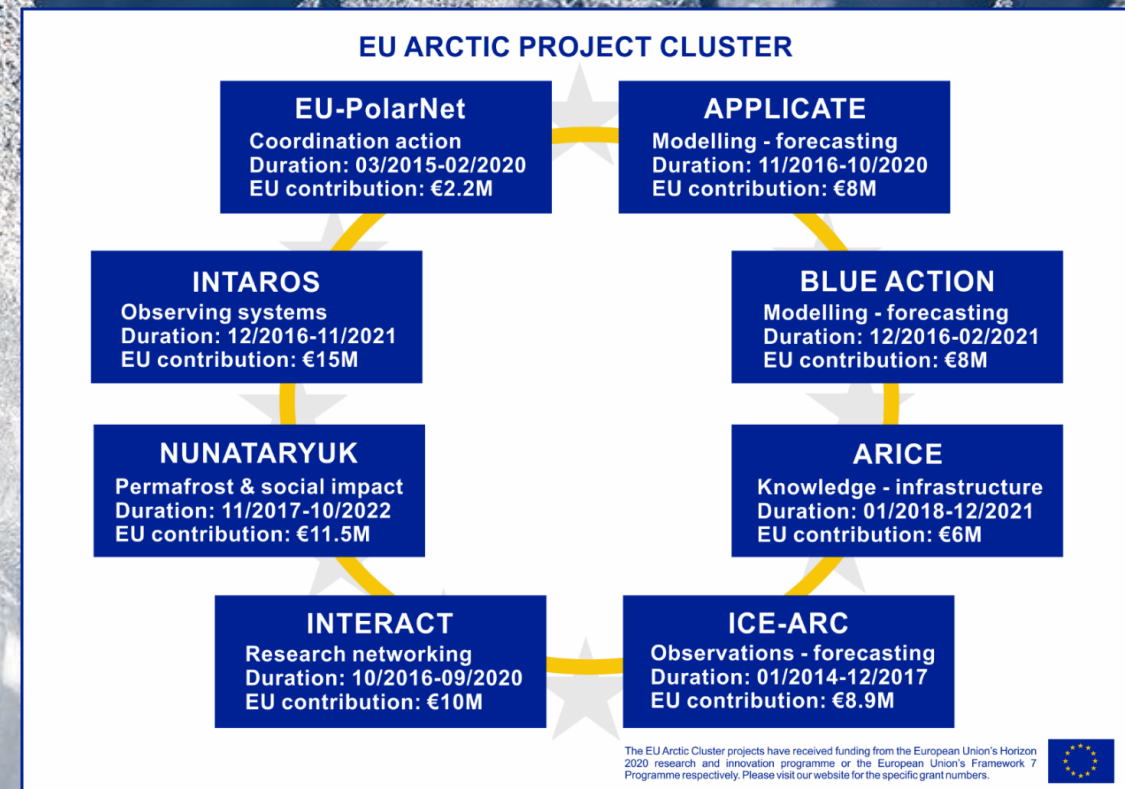
A strong, well-connected ecosystem of European Polar projects and organisations operating together to substantially increase their combined impact and legacy.



# Constant and growing investment of the EU in polar research



Over the last decades, the EU has been investing in Polar research. With Horizon 2020, this investment has reached 200 million Euros. Research activities are more and more co-designed with local communities, rights- and stakeholders and Indigenous peoples.



# Current projects and partners



Polar							
Arctic							
Antarctic				Partners			

# Working together

Added values of clustering activities

**Higher impacts** than single project's outputs

Increased **knowledge sharing**

**Joint activities** for less but better engagement with stakeholders

**Creating synergies** between already planned activities for greater visibility

**Pooling resources** (human, financial, in kind...) for better use of citizen's money



# Antarctic projects



TIPPACS

Probability of sudden and large changes in the sea-level contribution from the Antarctic Ice Sheet that would result from passing tipping points



SO-CHIC

Investigation of the key processes controlling exchanges between the atmosphere, ocean and sea ice, using observational and modelling approaches



Beyond-EPICA

A six years mission to retrieve a continuous 1.5 million year old ice core of greenhouse gases and climate variations from the East Antarctic plateau

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CRices

Assessment of the role of ocean-ice/snow-atmosphere interactions in polar and global climate using satellite observations and earth system/climate models



PolarRes

Response of the Arctic and Antarctic climate to future changes in the global circulation



BG-10-2016, BG-11-2017 & LC-CLA-17-2020



# Impacts of Polar changes: climate predictions and socio- economic impacts



LC-CLA-07-2019



Protecting and restoring Arctic biodiversity; Promoting sustainable economic development taking into account environmental impact





POLAR SCIENCE

Thank you!

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