



Programa Polar Português / *Portuguese Polar Program*



Portuguese Research in the Arctic



Programa Polar Português / *Portuguese Polar Program*

MISSION

- supports the development of high quality Portuguese Polar science
- promotes international cooperation
- manages logistics, allowing access of Portuguese scientists to the Arctic and the Antarctic.



COORDINATION COMMITTEE



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University of Lisbon



Adelino Canário
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Catarina Magalhães
University of Oporto



João Canário
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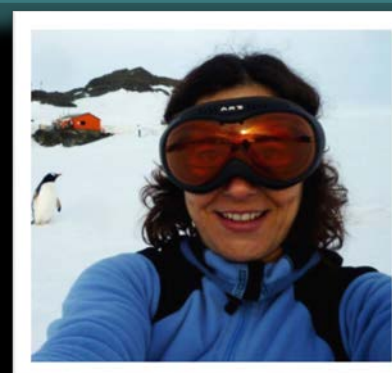
José Xavier
University of Coimbra

EXECUTIVE DIRECTOR



Teresa Cabrita
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SECRETARIAT



Ana David
University of Lisbon

LOGISTICS



PROJECT FUNDING



EARLY CAREER SCIENTIST SUPPORT



PREPARATION WORKSHOPS



What does PROPOLAR do?

PROPOLAR
Programa Polar Português

EDUCATION AND OUTREACH



BASIC LIFE SUPPORT TRAINING



INTERNATIONAL REPRESENTATION



ANNUAL POLAR SCIENCE MEETINGS



8ª Conferência Portuguesa de
CIÊNCIAS POLARES

IGOT-ULisboa, 26-28 Outubro 2016

FCT

Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR



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ACCESS OF PORTUGUESE SCIENTISTS TO THE ARCTIC

- **PROJECT FUNDING** by PROPOLAR to support transport and accommodation of researchers

- **COOPERATION** between Portuguese scientists and research groups in the Arctic



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INTERNATIONAL COOPERATION

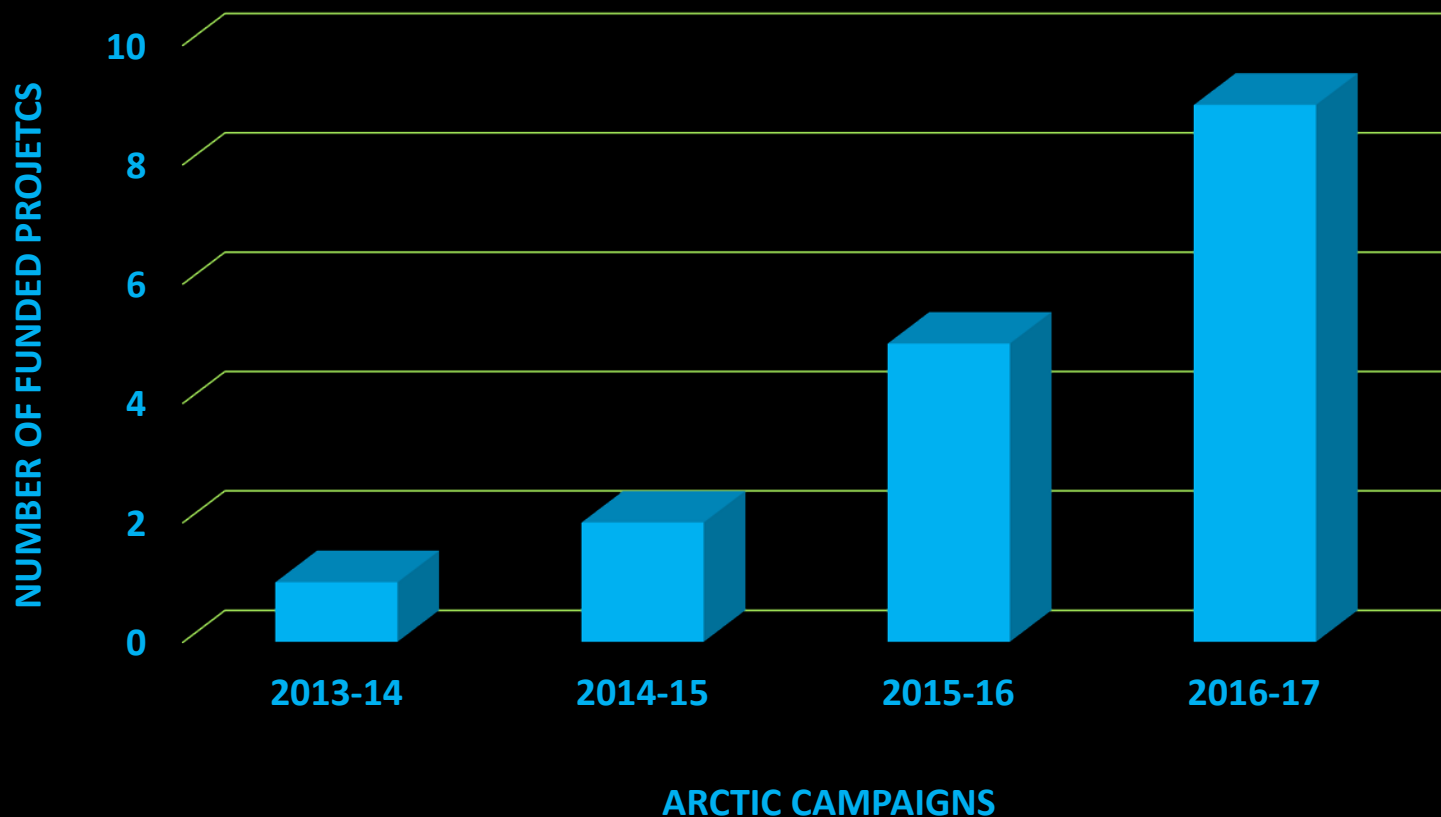


PROJECT SCIENTIFIC AREAS

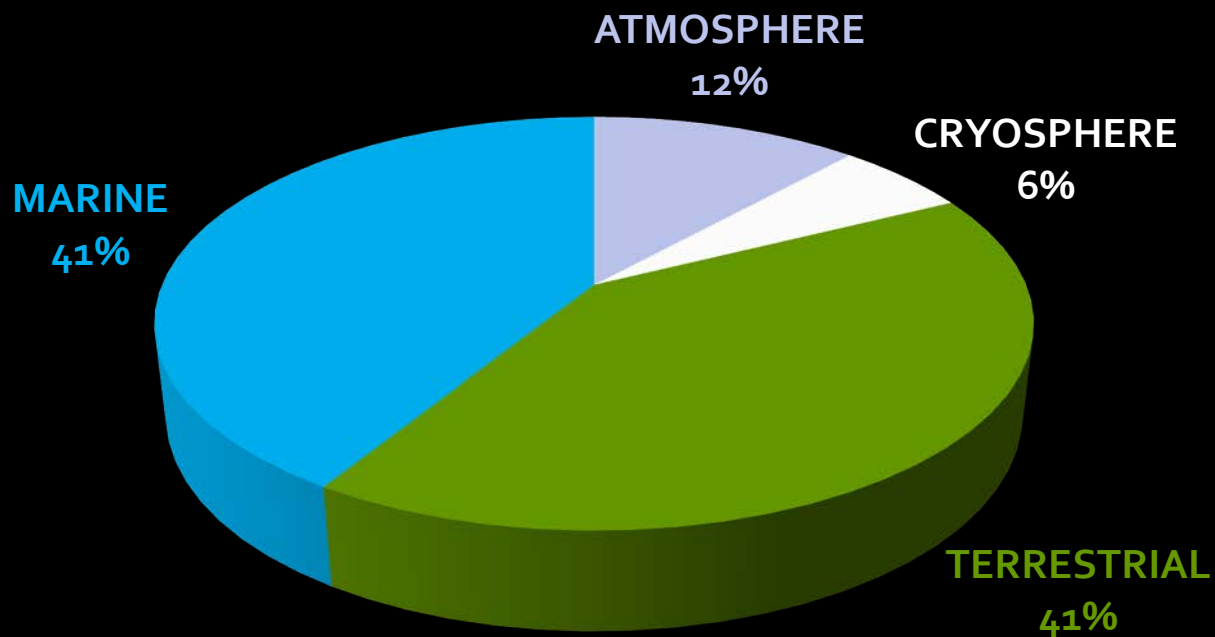
Atmospheric | Cryospheric | Earth, Environmental and Marine | Biological



PROJECTS IN THE ARCTIC



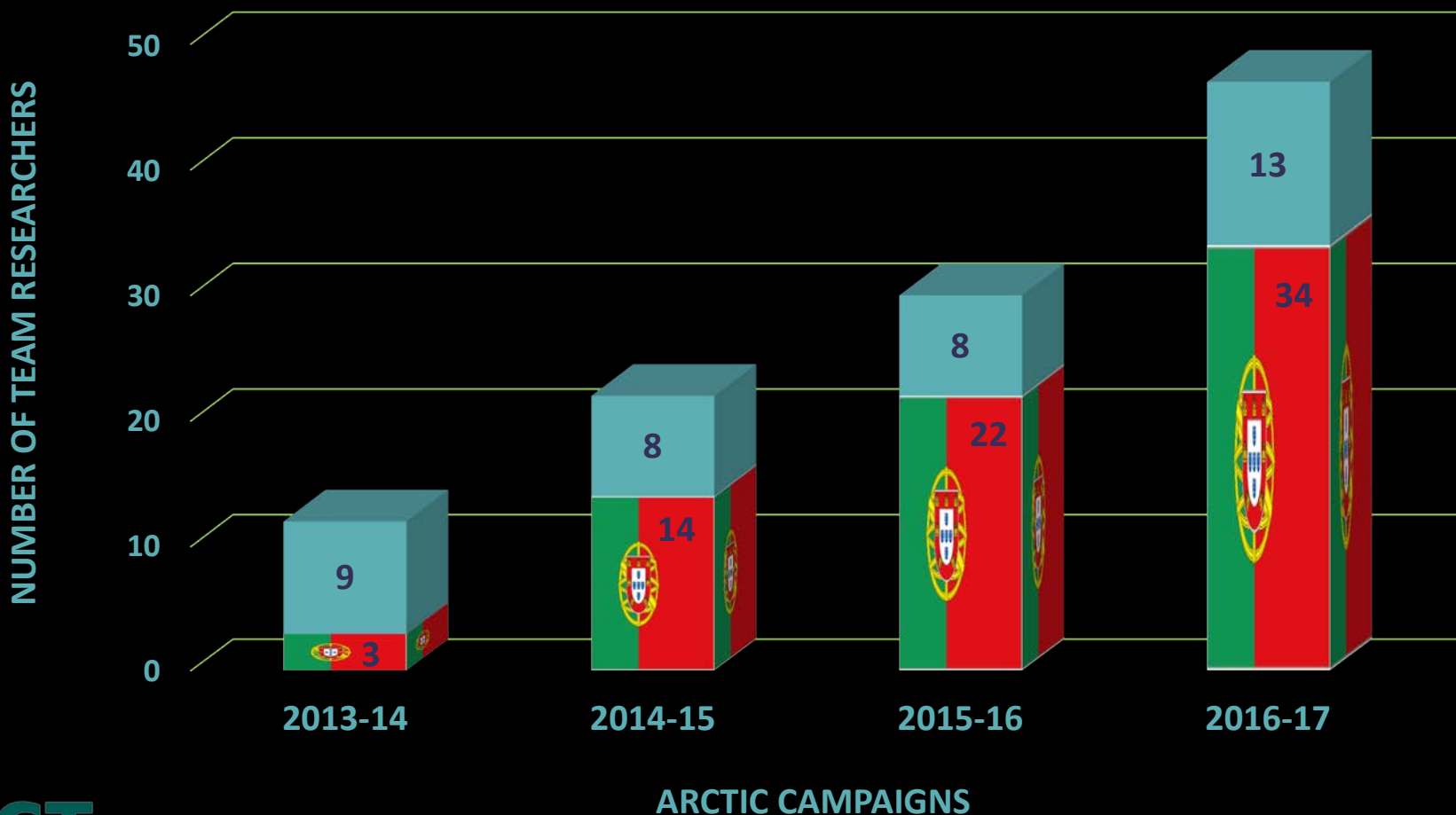
PROJECTS BY IASC WORKING GROUP AREAS





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NUMBER OF RESEARCHERS INVOLVED IN PROJECTS IN THE ARCTIC





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OVERVIEW OF ARCTIC CAMPAIGN (2016-17) - PROJECTS

ATMOSPHERE – 1 PROJECT

POLARUBI - Individual particle analysis of atmospheric aerosols north of the Arctic Circle

MARINE – 4 PROJECTS

NORTHGRASS - Carbon and nitrogen metabolism of the seagrass *Zostera marina* at the northern limit of its distribution (Greenland)

AMS II - Unraveling the strength of carry-over effects on arctic migratory shorebird

GEOWHIMBREL II - Effects of long-distance migration on individual fitness

NITRONICE - Biogeochemistry of nitrogen in the Arctic Ocean: Processes and communities

TERRESTRIAL – 4 PROJECTS

PERMACHEM II - Biogeochemistry of carbon, sulphur and contaminants in thermokarst lakes under winter conditions

SHRUBIFLY - Remote sensing analysis of terrain and vegetation changes in thaw lake catchments (Whapmagoostui - Kuujjuarapik, Hudson Bay, sub-Arctic Canada)

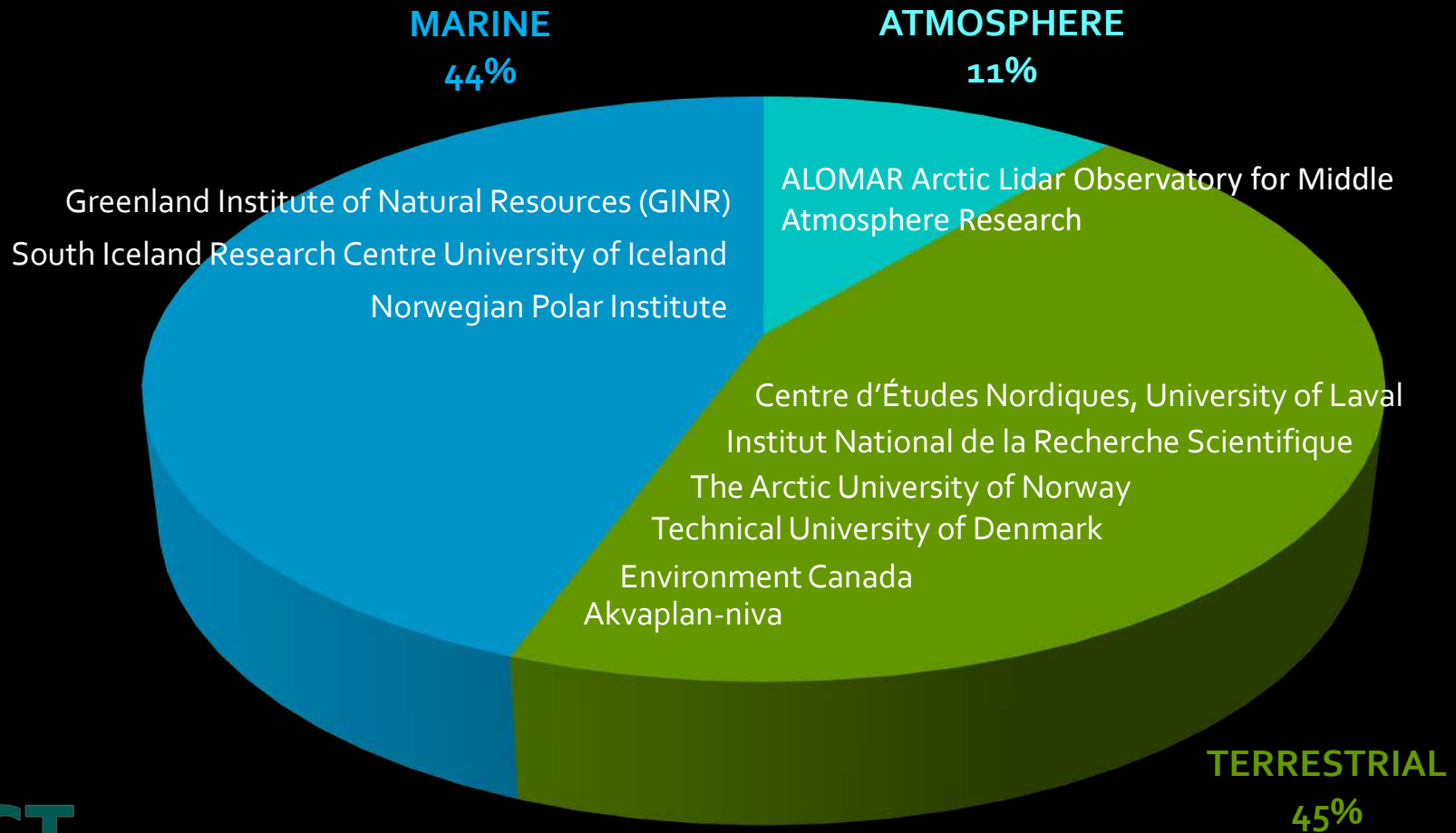
ARCTISED - Development of remediation strategies for oil contaminated Arctic soil

ARCREMEDY - Remediation of oil contaminated Polar soils - Electrodialytic process in cold climate conditions



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OVERVIEW OF ARCTIC CAMPAIGN (2016-17) - COLABORATIONS





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Thank you for your attention!

<http://www.propolar.org>