



# THE ARCTIC WAY

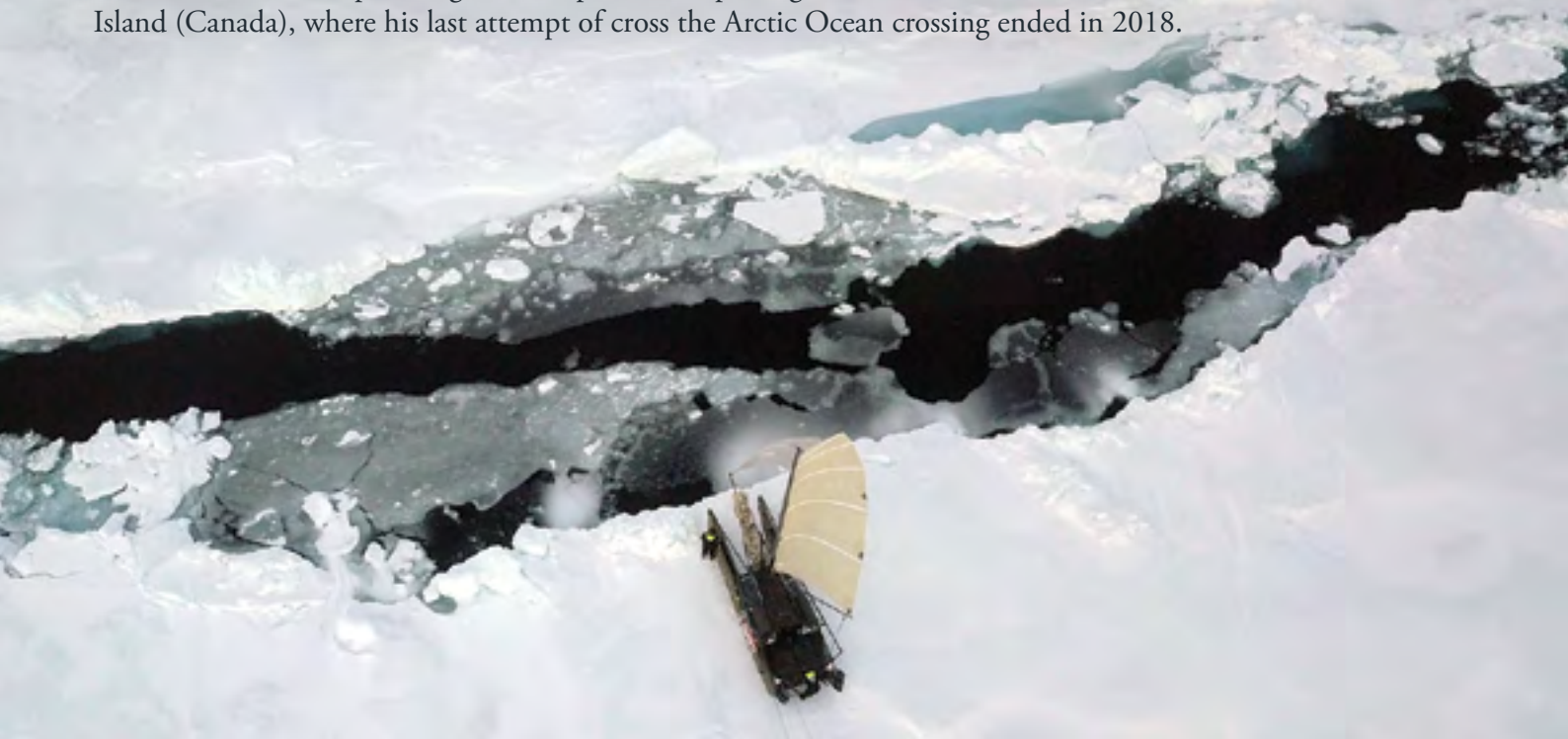
From West Canada to Greenland : the most northerly route of all Canadian coasts

2022

***An expedition where every mile traveled is a huge maritime success, in these areas where no one has ever sailed, north of the Canadian Islands and Greenland***

After several expeditions in the Arctic, including the North West passage using only sail power, three attempts of crossing the Arctic glacial ocean, expeditions to the Greenland ice cap and many years of navigation on all oceans, Sébastien Roubinet has become one of the great figures of maritime and polar expeditions of our time.

In 2022, Sébastien is planning a new expedition departing from Sachs Harbour on Banks Island (Canada), where his last attempt of cross the Arctic Ocean crossing ended in 2018.





CERCLE ARCTIQUE  
RUSSIE

ALASKA

Departure May 2022  
from Sachs Harbour

X POLE  
NORD

Option 1  
Arrival in Spitsbergen

Option 3

Option 2

CANADA

SVALBARD

GRONLAND

FINLAND

# THE BOAT

An innovative boat designed and built by Sébastien to navigate on water and ice, it was tested during the 2018 expedition (83 days) with great performances

TRILAM  
membrane  
sails

2 Lithium  
Iron batteries

200 kg

Solar panels  
400W

Semi-flexible  
inflatable Innégra  
Basalt hulls

7 meters long  
2.40 meters' wide

Glued  
HD1000  
ski profile







# THE CREW

## Major assets

< Sébastien Roubinet, Adventurer of the year 2008 and winner of the Shackleton Award in 2019, over 30 years of experience (expeditions, races, conception...)

A perfect knowledge of technique (Sébastien designs and builds his own boats) and of arctic environment (among other things a year in Greenland to improve his survival skills on the ice)

<Eric André and Maxime Mergallet, passionate about adventure, sport and travel; Eric, teacher, is in charge of the educational project and Maxime, photographer, will contribute to the image bank

<Three teammates for better performance on the field, three humble men facing the nature and ready to pick up the struggle.



# SCIENCE

These hard-to-reach areas for scientists are complicated to study, so we aim to bring back as much data as possible, essential to their studies.

- 1 - Thickness of the ice
- 2 - Ice, water and earth samples
- 3 - Collection of aerial and ground pictures of the latest multi-age ice and glaciers
- 4 - Counting and description of different animal species
- 5 - Continuous 360 degrees' pictures of the surrounding ice
- 6 - Stress management
- 7 - Collect of eDNA that will be analyzed in lab afterward

## Scientific platform

- < Ability to respond to multiple protocols
- < Silent Movements and observations
- < 100% autonomous

# HUMAN SPORTIVE

- < Zero emissions during the voyage
- < Teamwork : three men self-sufficient in the middle of the Arctic
- < Travel 3000 km from the north of the Canadian archipelago to Greenland or Svalbard
- < Without assistance, without an engine in complete autonomy in an extreme environment

# INNOVATIVE

- < Innovative design and construction of a prototype
- < Home-made dehydrated food made for this purpose
- < Development of a solar electric heater
- < Super light sails designed by TRILAM and manufactured by Clipper Voiles
- < Invention of inflatable semi-flexible hulls with Innégra / Basalt

# SCIENCE EDUCATION

- < See previous page
- < Educational program with schools and universities to share our adventure, make aware of the beauty of the Arctic, but also its weakness (Fauna, population, climate change...)



# COMMUNICATION

*If you are looking for a rowdy communication based on a world record... carry on searching!*

*If you are looking for authenticity, a real human adventure in a harsh but beautiful region ... then we could write a beautiful story together.*

*And to share it we offer :*

Live audio exchanges during expedition

A satellite Tracker to follow our progress

Book, DVD, website, social media...

Photo album

Conference (with the boat in all of Europe)

Expositions, nautical shows, adventure festivals...

Seminars, conferences and tours with partners

Visual publicity on the boat





# Advantages of our project



Most of the places we will sail during the summer 2021 have never been explored by sailboat. We could tell you about a world premiere; but the objective of this expedition is not to discover new islands, bays, glaciers... It has already been done, and nowadays exploration is done on another level. There are many things to discover, explore, study, learn....

Therefore we join forces with scientists to try to understand, analyze, discover, archive DNA, as well as find out more about plankton, fauna, different pollutants, climate change or measure the thickness of the ice, among others. This is why this expedition can only be a success because the goal is not to go as high and as far as possible, but to understand these regions as best as possible.

For these reasons we prefer not to promise you to travel thousands of nautical miles but to try to understand what happens with each mile traveled.

And if the weather allows it, there will surely be a few firsts in our navigation, but that is not our priority.

# That's why expedition 2022 CAN ONLY BE A SUCCESS !

and on top of that we know the equipment perfectly well :

- < A boat that has already been built and tested for more than 3 months on the ice floe in 2018
- < equipment, food and our gear gave full satisfaction in 2018 ; knowledge of improvements to be made
- < extensive experience, knowledge of the field and of objective and subjective risks
- < many scientific and educational partners





# BUDGET

Transport	26 000 €
Food	9 800 €
Equipment	10 000 €
Modification and reparation of the boat	9 000 €
Optimization equipment	5 000 €
Salaries and bonus	70 000 €
Transport equipment	3 000 €
Science	30 000 €
Communication	25 000 €
Equipment Photo - video	6 000 €
<b>TOTAL</b>	<b>193 800 €</b>

# THEY ALREADY FOLLOW US!

