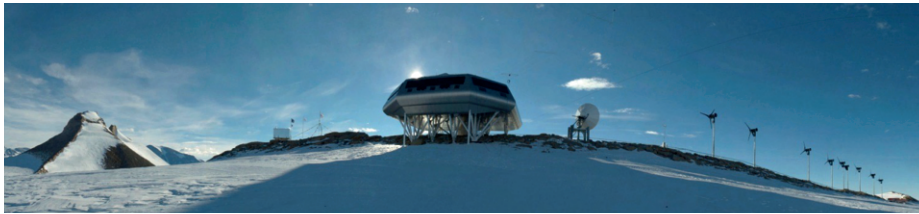


The International Polar Foundation



What?

Private foundation of public utility



INTERNATIONAL
POLAR FOUNDATION

History

1998 Alain Hubert & the late Dixie Dansercoer cross the Antarctic by foot, autonomously, in 99 days.

First 'citizen scientists'
=> consciousness about changing climate & pristine environment.



2002 Creation of the International Polar Foundation (IPF):

- Alain Hubert
- André Berger (climatologist, UCLouvain)
- Hugo Declair (glaciologist, VUB)



Mission

BRIDGE the GAP
between **SCIENCE** and **SOCIETY**

SUPPORT
polar science &
policy making



DEMONSTRATE
through sustainable
innovation



EDUCATE
and inspire the
public at large



Context

The International Polar Foundation (IPF) is operating the Princess Elisabeth Antarctica (PEA) research station in Antarctica with its partner, the Belgian State, through the Polar Secretariat.

Funding

The International Polar Foundation (IPF) and/or its specific projects are funded by:

- Public programs
- Private donations/grants and sponsorships (BE 0478.641.154)

<https://polarfoundation.org>

<https://antarcticstation.org>

<https://arcticfutures.org>

<http://www.educapoles.org> (2005-2015)
<https://IPF-education.org>

Soon to come: new integrated website.



@intpolarfoundation



@international_polar_foundation



@polarfoundation



@PolarFoundation



@international-polar-foundation



@int.polarfoundation

SUPPORT polar science & policy making

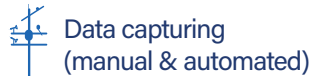
Logistic support to Scientists*

2002-2022: Alain Hubert: measurements in the field for scientists

2007: International Polar Year: construction of Princess Elisabeth Antarctica

2009: Inauguration of Princess Elisabeth Antarctica research station

2010: IPF official Antarctic Operator for Princess Elisabeth Antarctica



Data capturing
(manual & automated)



Carpentry,
Custom demands



Mobile Field Units



Logistic Field Support



Safety & Safety Training



Data storage & transfer:
- near realtime
- daily
- yearly

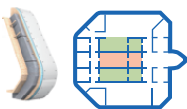
*This list is non-exhaustive



DEMONSTRATE through sustainable innovation

The IPF has built and operates the Princess Elisabeth Antarctica (PEA) research station. Out of the more than 80 stations in Antarctica, PEA was the first, and is still the only zero-emission research base on the continent.

Passive design



Renewable energy
production



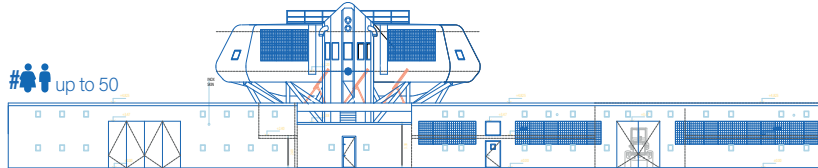
Smart Grid regulating
production & demand



Water recycling



up to 50



Structural support to Scientists & Policy Makers



ARCTIC FUTURES Conference

- Since 2010: Yearly conference in Brussels
- Since 2018: *Arctic Shorts* Film Evening @BOZAR

<https://www.arcticfutures.org>

LAURENCE TRAN Prize

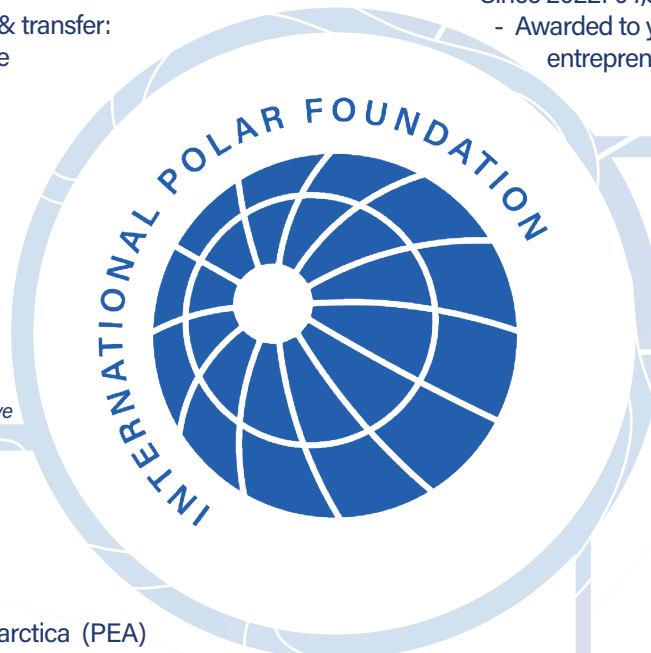
- Since 2022: € 7,500 Award
- Awarded to young Arctic entrepreneurs or startups.



INBEV-BAILLET LATOUR Antarctica Fellowship



- 2008-2018
- € 150,000 Fellowship Award
- Supports two field seasons at Princess Elisabeth Antarctica
- Open to PhD students & young post-docs



EDUCATE and inspire the public at large

Projects 2002-2021

Educapoles

website for educators
(2005-2015)
www.educapoles.org

Class Zero Emission

permanent school
visitor center in Brussels



2 Polar Quest Teacher Contests

class contest with winning
teacher going to PEA.

3 Live Exhibitions

class contest with winning
teacher going to PEA.

Projects 2022-2023

In-school workshops

- primary, secondary & higher education
- topic: the polar regions & climate change

Online workshop

- overview of existing European education & outreach materials on the Arctic Ocean

Live workshops with partners

- 2 teachers' conferences
- APECS-Belgium museum nocturne & photo exhibition

Live online class talks from PEA

- Engineers @PEA presenting directly from Antarctica.

In 2022, PEA welcomed the world's first electrical tracked vehicle, the *Venturi Antarctica*, to operate in Antarctica. This is another milestone in the progress towards more sustainable scientific activities in Antarctica.



Development of new materials, projects, website ongoing

The Arctic - Meteorites in Antarctica - STEM & Space Science