

Together for Climate Education



Bildungszentren
Klimaschutz
Netzwerk



14th of May 2024
SUNCE & Regionales Umweltbildungszentrum Hollen

Regional coordination:



KLIMAHaus®
BREMERHAVEN

Project coordination:



Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

Who am I?



Kim Ellen Ludwig
(Project BildungKlima-plus-56)

- Marine biologist by education
- Education officer
- Regional project coordinator

Feel free to contact me:
ludwig@klimahaus-bremerhaven.de
+49 471 902030 869

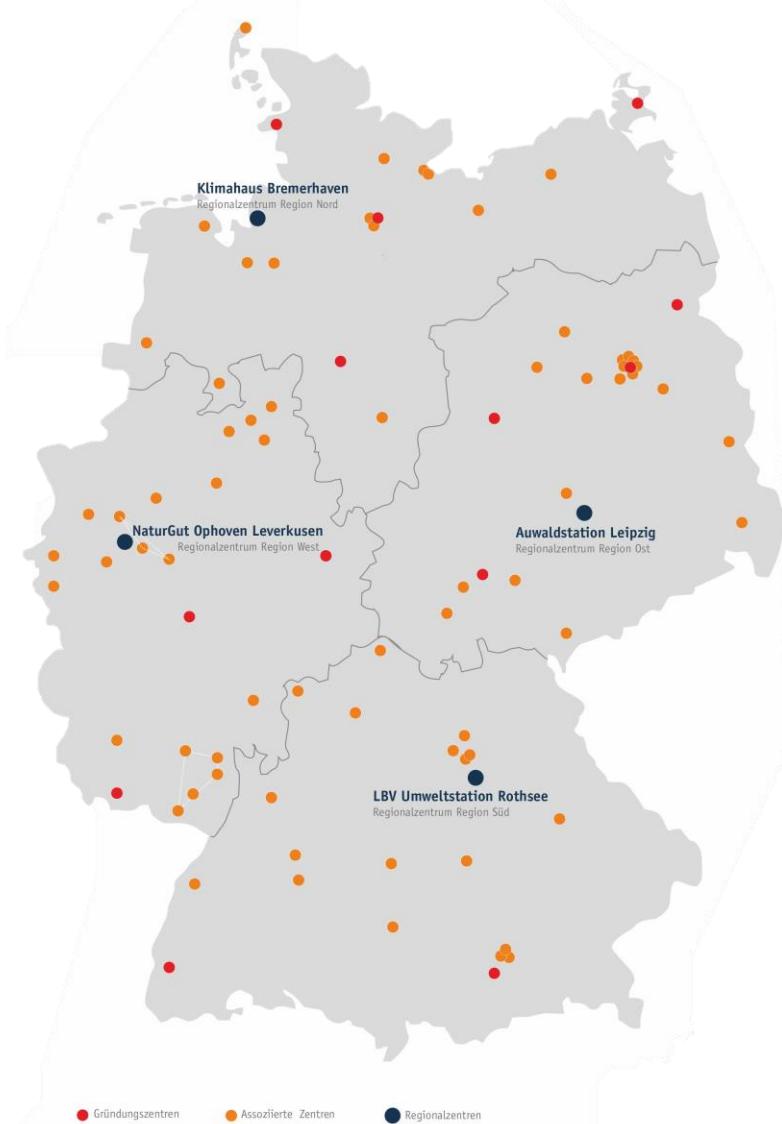
Bildung*Klima*-plus-56



Bildungszentren **Klimaschutz**

Netzwerk

The „BildungszentrenKlimaschutz“ Network



The network in numbers:

- Around 80 extracurricular education facilities
- Around 300 multipliers (education officers)

Common goals:

- Expand programmes and offers for climate education
- Be a role model for climate protection

Four regional coordination centers



Project results and network resources

Working groups for the topics
*water, peatlands, biodiversity and
climate justice*

Project website

Regular meetings
(regional and nationwide)

Collection of climate
education concepts
and methods

Newsletter

Webinar series
„Lernsnack“

Collection of options
for CO2-reduction



© Canva

Cooperation with RUZ Hollen



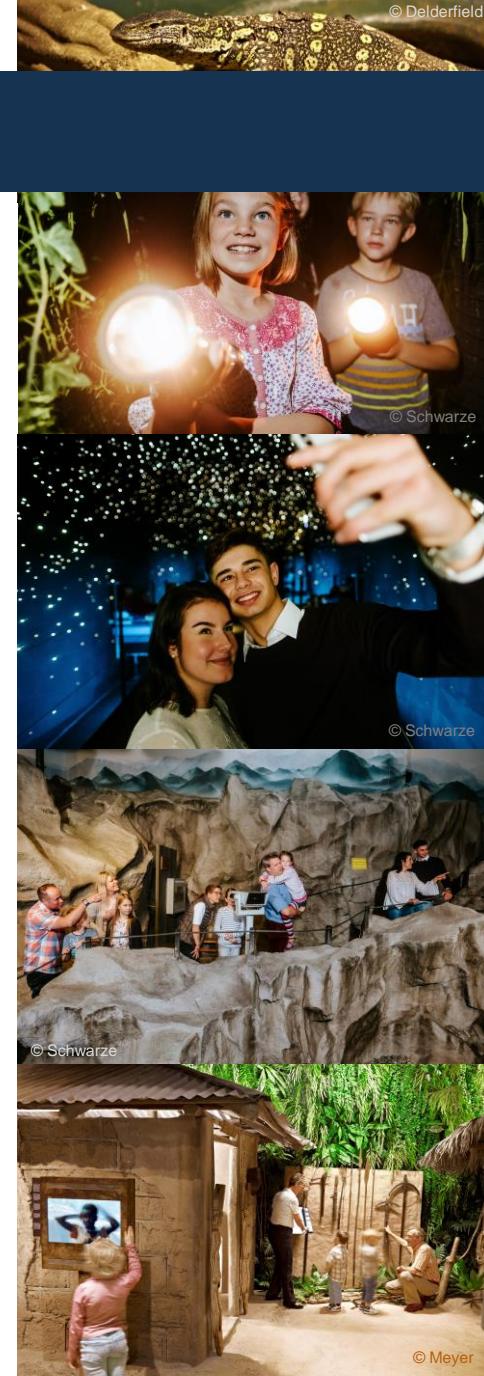
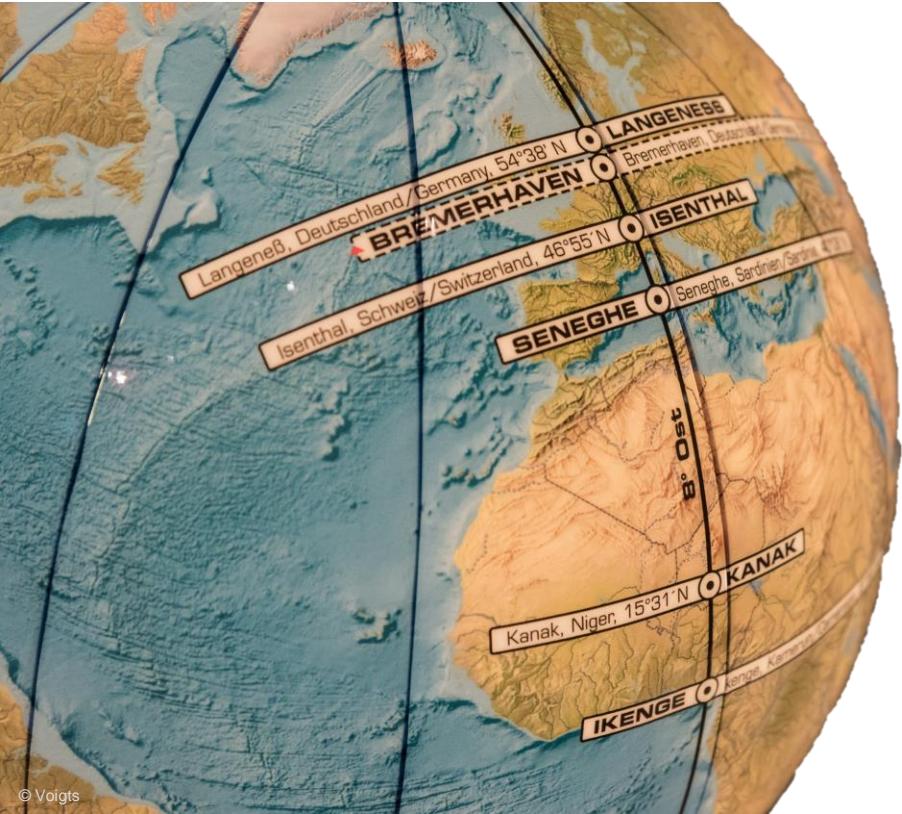
© Kim Ludwig



Welcome to the Klimahaus!

Welcome to the Klimahaus!

Today, you will travel around the world.
You will meet people from different places.
And you will experience various climate zones of the planet.





We are... a zoo, a museum, an education and experience center







How do we relate?



Protected areas



Sea protection



Marine litter

Protection



Development of volunteering



Environmental education and sustainable development

Education



Self-learning

sunce



Civil society development

Societal development



Waste management



Environmental law



Public participation in environmental protection issues



Research

Societal development



Waste management

The story of Sardinia

Italy

Who said Zero Waste cannot work in tourist destinations? In 2000, Sardinia was Italy's worst performing region in waste management with a separate collection rate of 3.8%. Since then the situation radically changed, thanks to the decision of setting up a Regional Programme for organic waste within its Waste Management Plan in 2004.



HALLIG LANGENESS, GERMANY
BREMERHAVEN, GERMANY
ISENTHAL, SWITZERLAND
SARDINIA, ITALY

KANAK, NIGER
IKENG, CAMEROON

ANTARCTICA



Protection

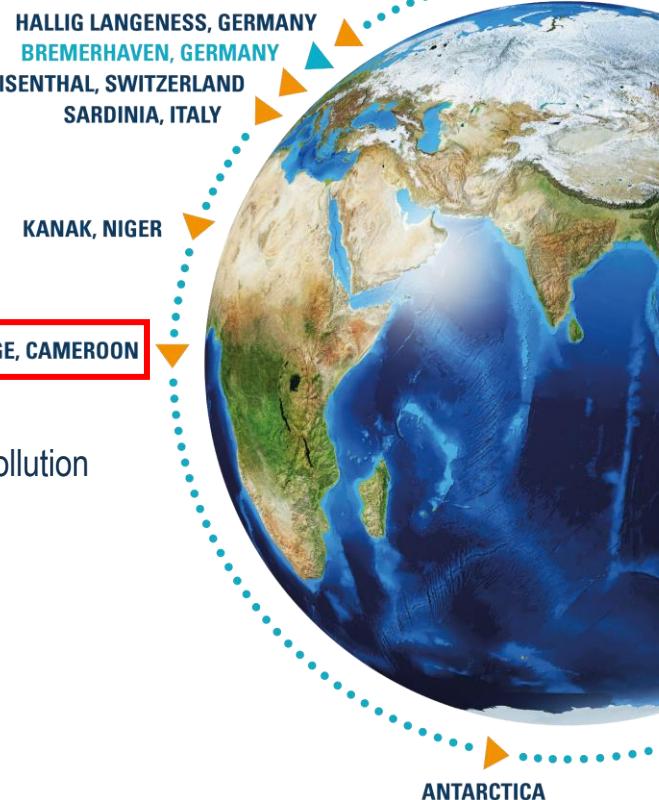
Education



Marine litter



- Environmental NGO in Cameroon
- Promote and organize local beach clean-ups
- Educate people on the adverse effects of plastic waste
- Engage companies to rule out plastics or inform their customers about plastic pollution





Protection

Marine litter

Education



Environmental education and sustainable development

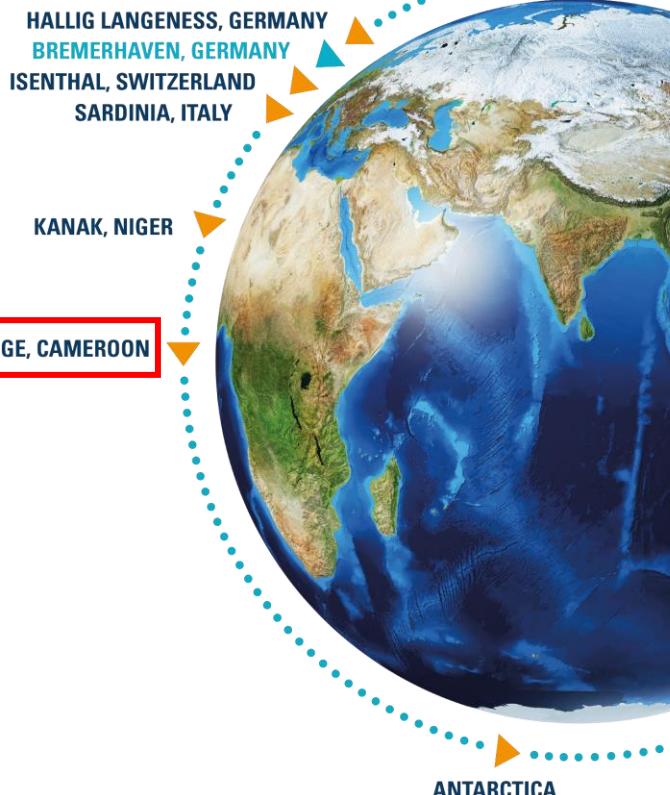
Street Whale 2021

- Arts and science fair
- Discussions about marine conservation topics
- Artistic activities
- Large beach clean-up
- Construction of a 12-m whale sculpture out of plastic bottles



© <https://www.programmeipi.org/en/le-street-whale-quand-lart-rencontre-la-science-pour-celebrer-la-biodiversite-marine-du-cameroun/>

Source: AMMCO (2021) Report: Street Whale 2021





Protection

Research

Marine litter



Research



Science of The Total Environment

Volume 927, 1 June 2024, 172124



Unveiling high concentrations of small microplastics (11–500 µm) in surface water samples from the southern Weddell Sea off Antarctica

Clara Leistenschneider^{a b}, Fangzhu Wu^b, Sebastian Primpke^b, Gunnar Gerds^b, Patricia Burkhardt-Holm^a

^a Man-Society-Environment Program, Department of Environmental Sciences, University of Basel, Vesalgasse 1, 4051 Basel, Switzerland

^b Shelf Sea System Ecology, Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Kurpromenade 201, 27498 Helgoland, Germany

Received 22 February 2024, Revised 27 March 2024, Accepted 29 March 2024, Available online 31 March 2024, Version of Record 10 April 2024.



HALLIG LANGENESS, GERMANY
BREMERHAVEN, GERMANY
ISENTHAL, SWITZERLAND
SARDINIA, ITALY

KANAK, NIGER
IKENG, CAMEROON

ANTARCTICA





Protection

Protected areas



Societal development



Fish market in Samoa © kasmira-staging.spc.int



Public participation in environmental protection issues

Samoa Community-Based Fisheries Management Program (CBFMP)

- Initiated in 1995
- Idea: people who directly depend on coastal resources should be in charge of conservation and management
- Voluntary participation of villages
- Village societal groups develop management plans
- National legislators ratify plans as by-laws, making them enforceable



Protection

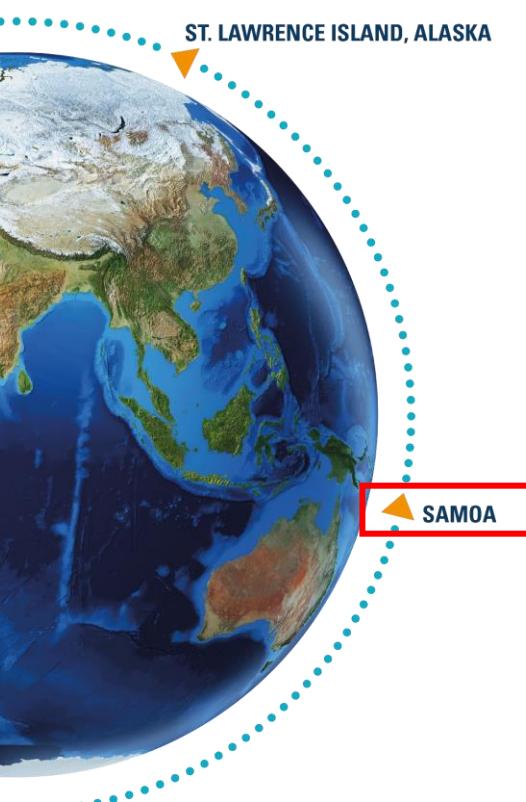
Societal development



Protected areas

Public participation in environmental protection issues

Traditional, community-based fishing in American Samoa



Weaving the tapa'au trap (coconut mat),
© Sue Ann Tinoisamoa



Atule catch of the community of Olosega village on Manu'a island, American Samoa,
© Manu'atele Community Worldwide



Education

Environmental education and sustainable development

Societal development



Public participation in environmental protection issues

Topic: biological diversity



DEM NETZ AUF DER SPUR BIOLOGISCHE VIELFALT ENTDECKEN

Durch interaktive Methoden können die Schülerinnen und Schüler spielerisch erfahren, wie das Netzwerk Ökosystem funktioniert und welche Rolle der Mensch als Teil dessen spielt.

WEITERE INFOS & AUSWAHL



Topic: Taking climate action

DIE WIRKUNGSVOLLEN – GESELLSCHAFTLICHEN WANDEL ANSTOSEN

Von allen Seiten werden junge Menschen täglich mit negativen Schlagzeilen konfrontiert. Das Programm „Die Wirkungsvollen – gesellschaftlichen Wandel anstoßen“ soll Platz für die eigenen Sorgen und Gedanken geben und aus der Arbeit in der Gruppe ein Gefühl von Empowerment vermitteln.

WEITERE INFOS & AUSWAHL

HALLIG LANGENESS, GERMANY
BREMERHAVEN, GERMANY
ISENTHAL, SWITZERLAND
SARDINIA, ITALY

KANAK, NIGER
IKENGUE, CAMEROON





Education

Self-learning

Societal development



Civil society development

The „World Future Lab“



© DR&P

The exhibition „Perspectives“



© Klimahaus



© Klimahaus

HALLIG LANGENESS, GERMANY
BREMERHAVEN, GERMANY
ISENTHAL, SWITZERLAND
SARDINIA, ITALY

KANAK, NIGER
IKENG, CAMEROON

ANTARCTICA

 KLIMAHaus®
BREMERHAVEN

Bildungszentren
Klimaschutz
Netzwerk

A few things to keep in mind during the exhibition

- Follow the blue/red globe (red globe shows the accessible route)
- You may take pictures – but please don't use a flash when photographing animals
- Do not touch any open water, as animals in it may be harmed by bacteria – or bite
- There is a designated point for a break after the „Cameroon“-area. Here you may walk down the stairs to find the bathroom and restaurant
- Please go through the exhibition one-way





ENJOY!

