

The interaction between the National Park and the lively Halligen biosphere – a report on the social development history in the Wadden Sea

Contribution from Dr. Nicole Schrader
Module at East Atlantic Flyway Seminar
13th April 2025

BIOSPHERE DIE HALLIGEN



Outline

- 1) Small Hallig ABC – Introduction to the Halligen
- 2) The genesis of the “Biosphäre Halligen” – the path to the biosphere reserve
- 3) The art of cooperation – organisational structures of the “Biosphäre Halligen”
- 4) Behind the scenes – topics of the “Biosphäre Halligen”
- 5) A model for the future – securing the Halligen and coastal protection



BIOSPHERE DIE HALLIGEN



Small Hallig ABC

- Introduction to the Halligen

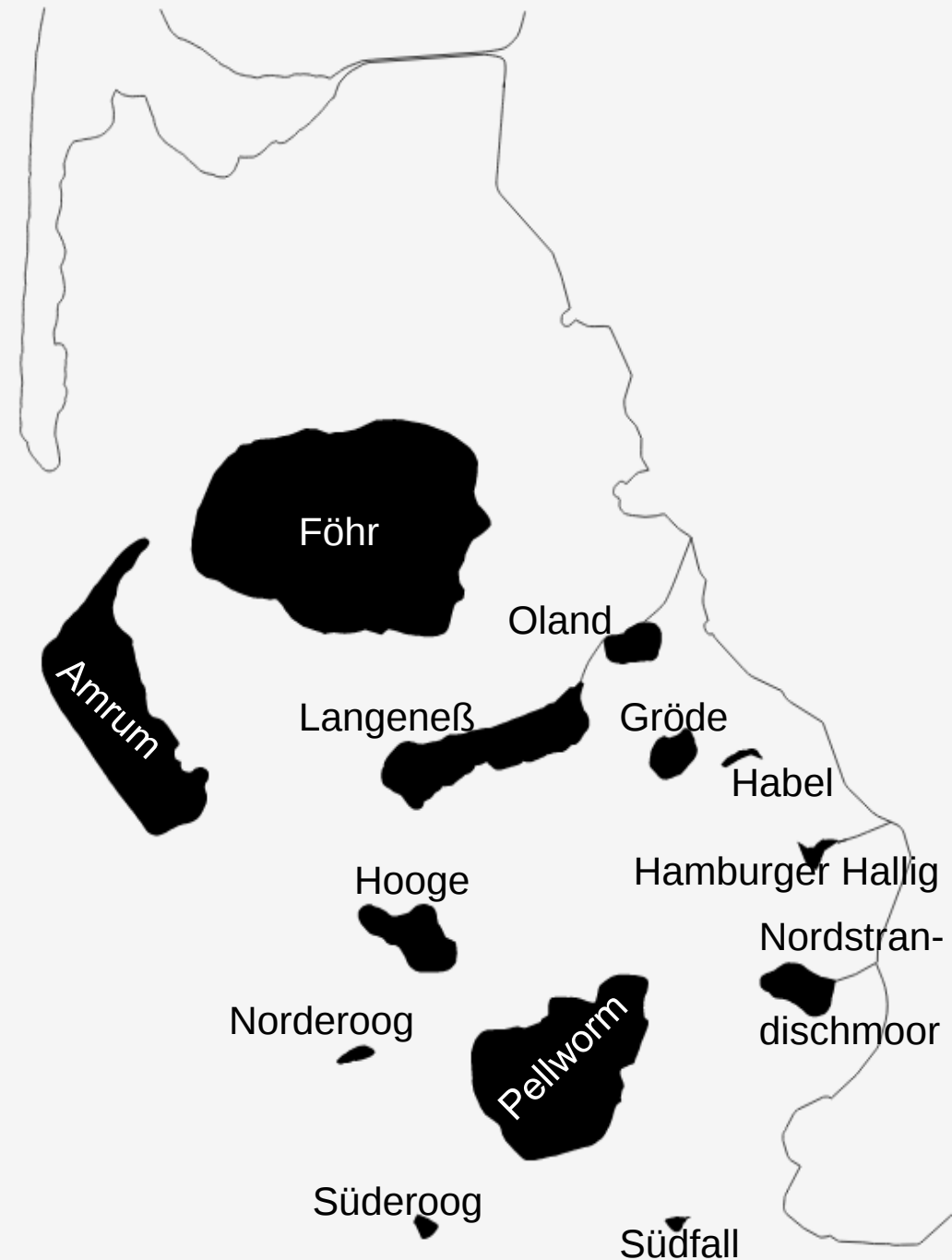
BIOSPHERE DIE HALLIGEN



“Biosphäre Halligen”

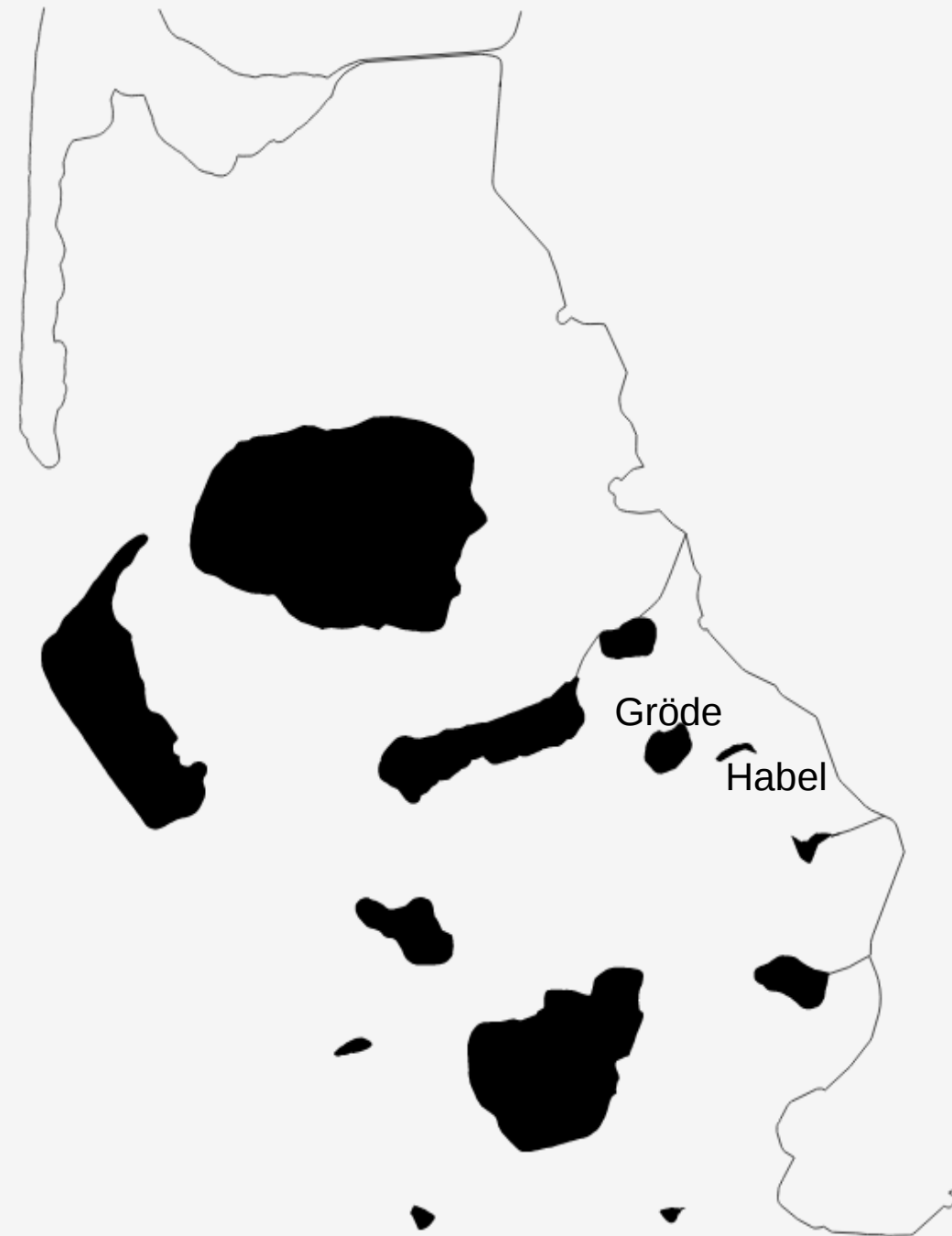
10 Hallig Islands
6 inhabited Halligen
4 Municipalities
2 Authorities
250 inhabitants

BIOSPHERE DIE HALLIGEN



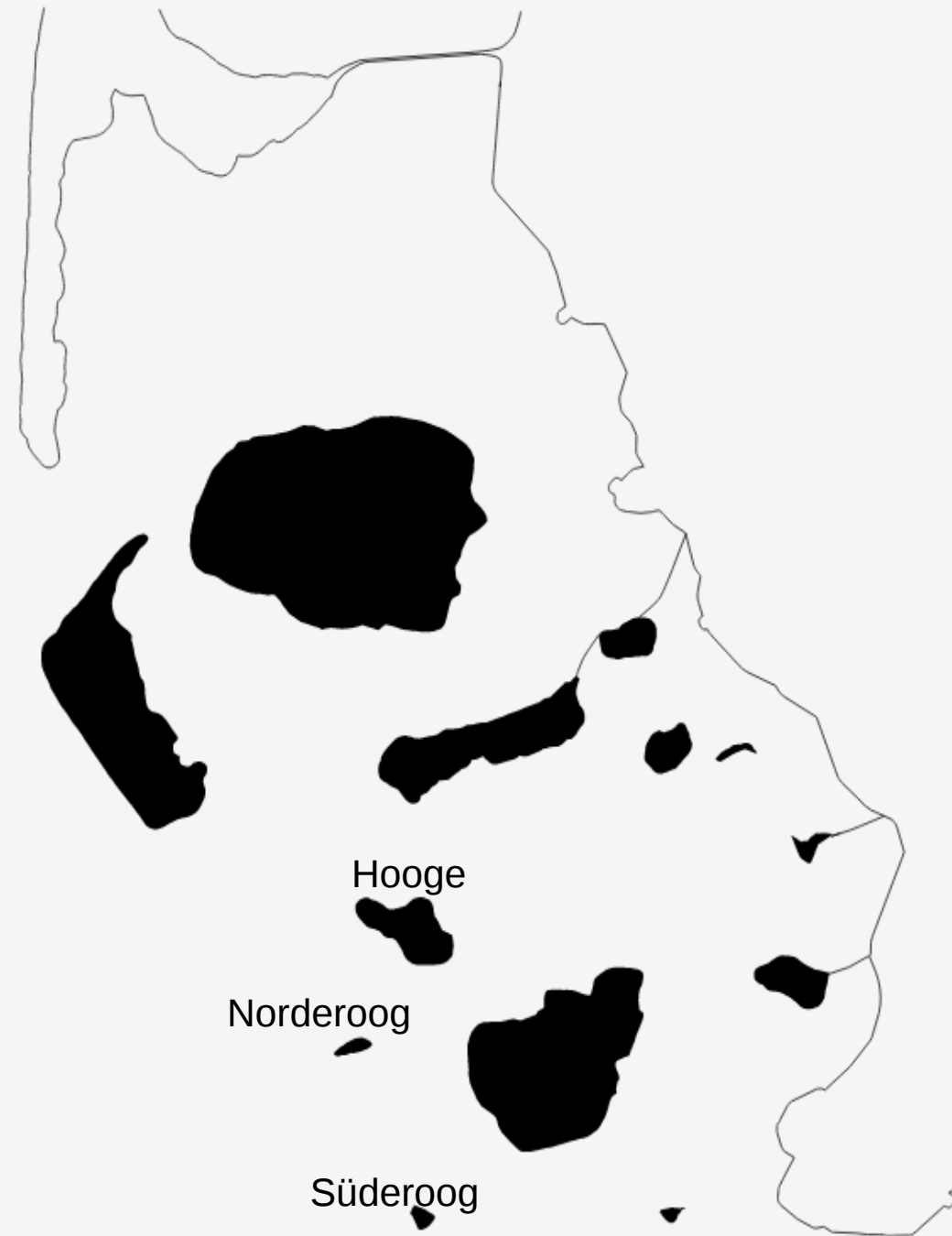
Hallig Gröde with Habel

- size: 252 ha – third largest Hallig
- 2 terps
- 10 inhabitants
- Hallig kiosk
- Hallig church St. Margarethen
- school without students
- limited accessibility
- second smallest independent municipality



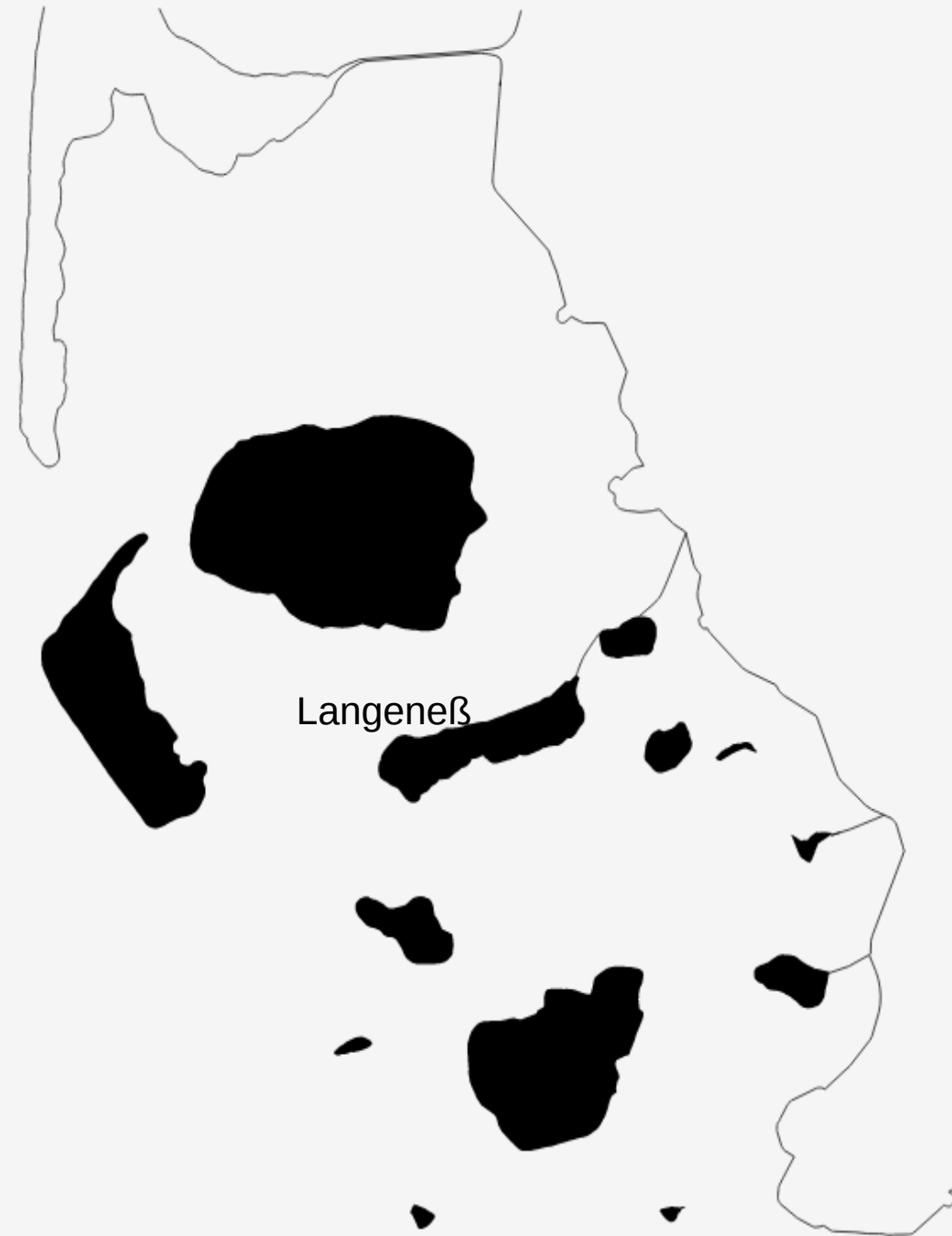
Hallig Hooge with Süderoog

- size: 578 ha – second largest Hallig
- 11 terps (1 is uninhabited)
- around 95 inhabitants
- Hallig school with 14 students
- Kindergarten with 3 day-care children
- the most densely populated Hallig in terms of area (17,5 inhabitants/km²)



Hallig Langeneß

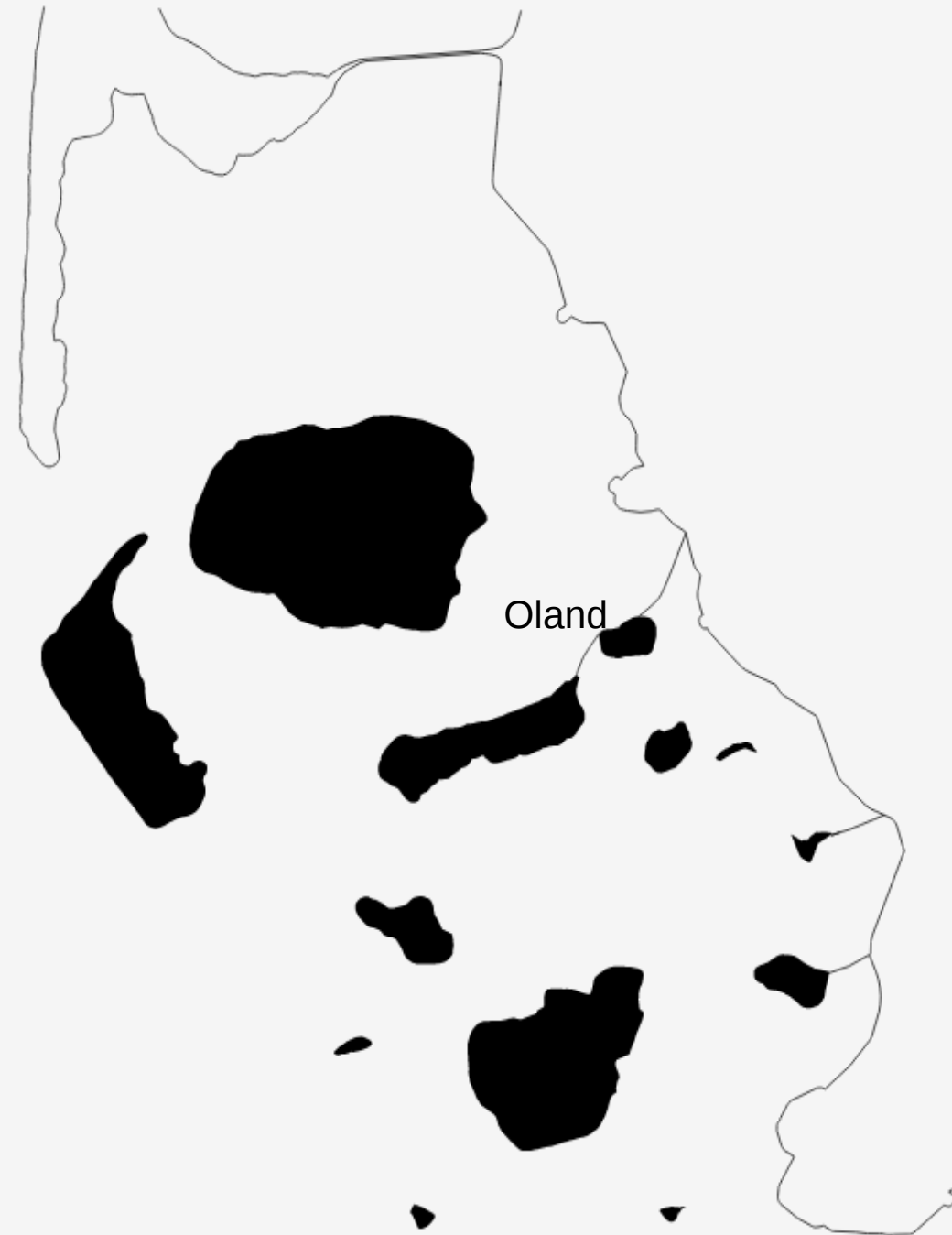
- size: 956 ha – largest Hallig
- 18 warf(t)s/ terps
- 106 inhabitants
- smallest school in Germany with 3 Hallig students
- Kindergarten with 1 day-care child
- accessibility by ship and "Lore" (rail vehicle)



Hallig Oland

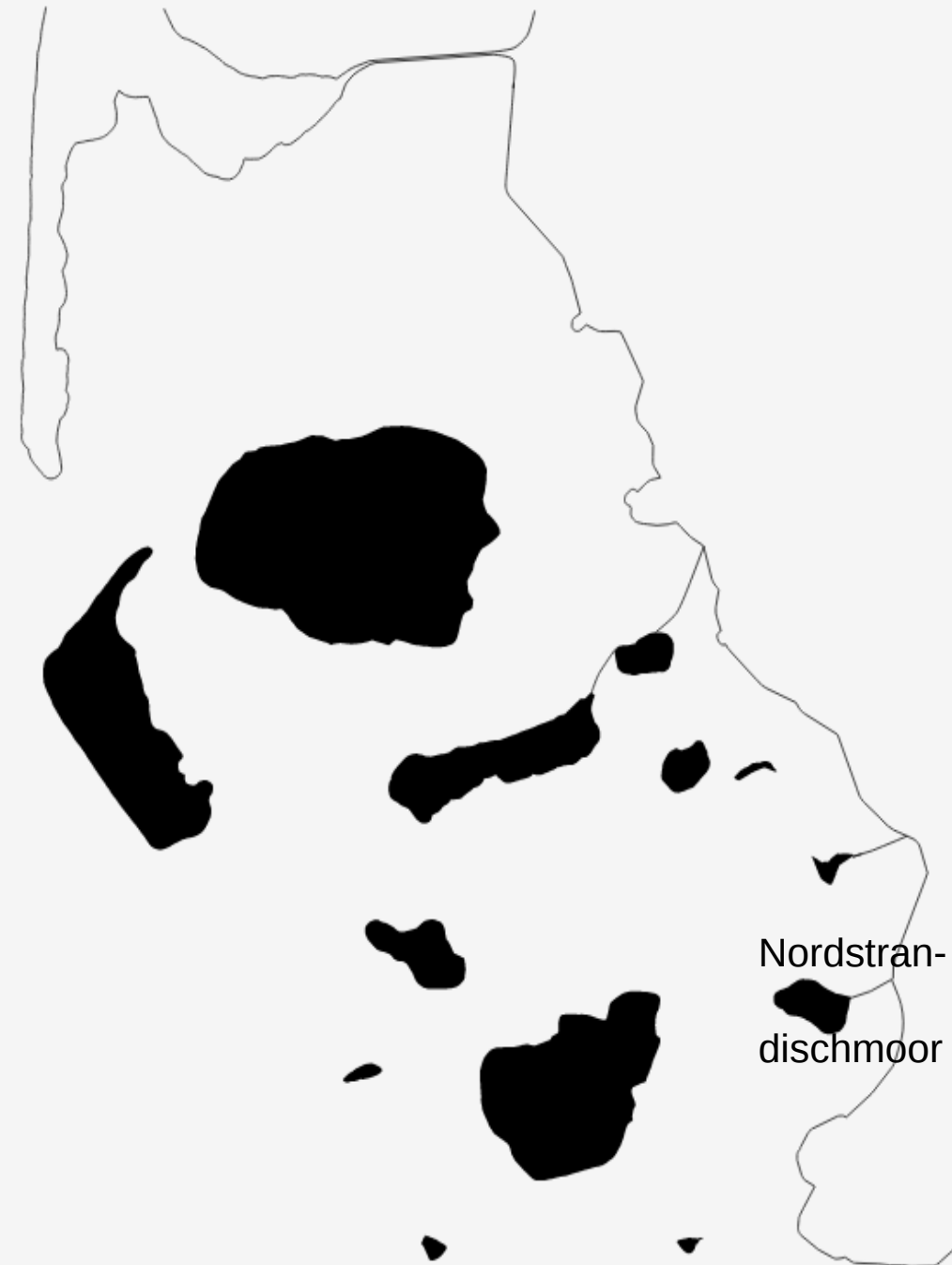
- size: 201 ha
- 1 terp ("Olandwarft")
- 25 inhabitants
- Hallig school without students
- Hallig church
- harbor and thatched lighthouse (with reed)
- accessibility by ship, "Lore" and through the mudflats

BIOSPHERE DIE HALLIGEN



Hallig Nordstrandischmoor

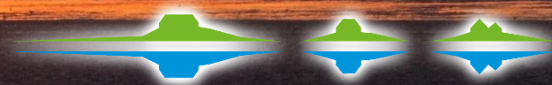
- size: 175 ha
- 4 terps
- 21 inhabitants
- Hallig school with 6 students
- day-care children without Kindergarten
- „Halligkrog“ (Restaurant Guru)
- accessibility by ship, “Lore” and through the mudflats

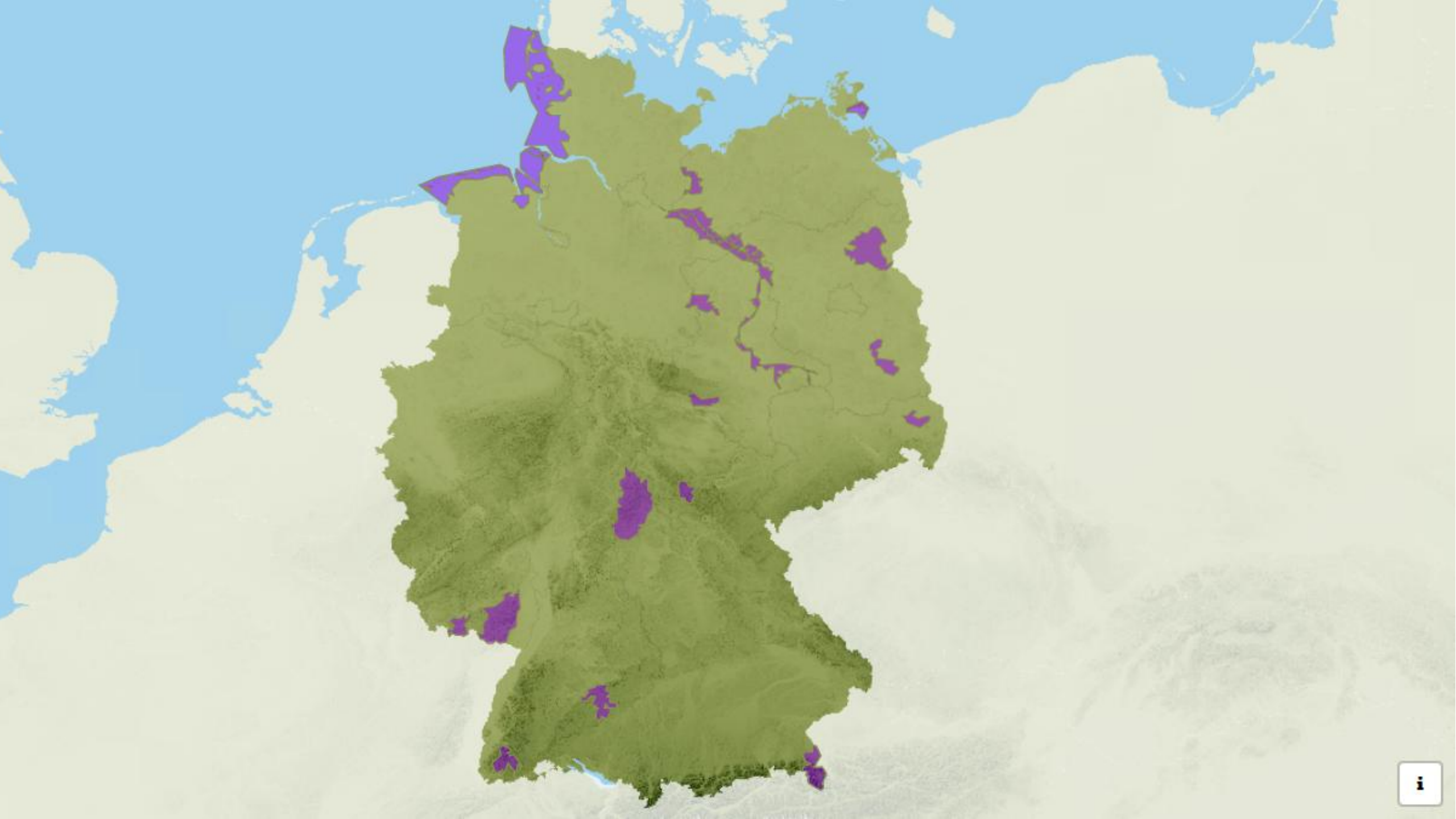


The genesis of the "Biosphäre Halligen"

- The path to the biosphere reserve

BIOSPHERE DIE HALLIGEN





Start phase

- 1985: designation of the Schleswig-Holstein Wadden Sea National Park
- 1990: establishment of the Schleswig-Holstein Wadden Sea Biosphere Reserve (note: still without a transition zone)



BIOSPHERE DIE HALLIGEN

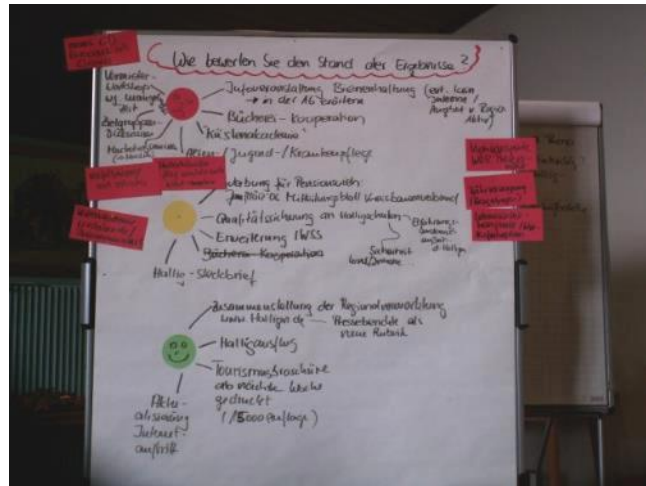


Start phase

- 1985: designation of the Schleswig-Holstein Wadden Sea National Park
- 1990: establishment of the Schleswig-Holstein Wadden Sea Biosphere Reserve (note: still without a transition zone)
- expansion of the biosphere reserve to include the transition zone
 - **"Biosphäre Halligen" in 2004**
 - **"Biosphäre Pellworm" in 2023**



Initiation phase

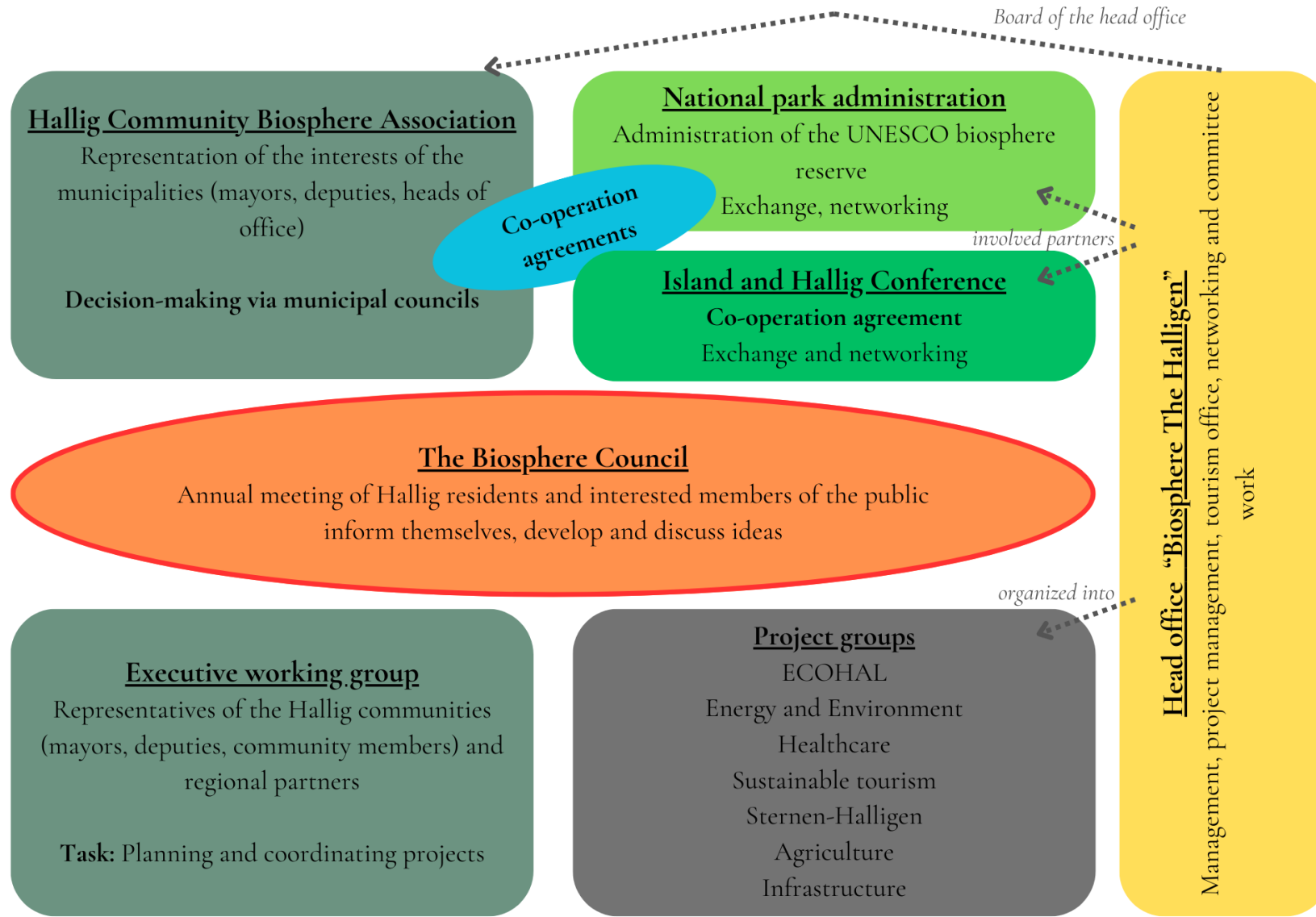


The art of cooperation

– organisational structures of the
"Biosphäre Halligen"

BIOSPHERE DIE HALLIGEN





Halliglööd ünner sick

(excursions once a year)



Behind the scenes

– topics of the “Biosphäre Halligen”

BIOSPHERE DIE HALLIGEN



Establishment phase

from the realisation of what constitutes the "Biosphäre Halligen".

- **sustainability strategy as a guideline**
- projects with innovative approaches
- network for the exchange of ideas
- participation in various committees
- supra-regional perception
- conscious sustainable development
- self-image for living with nature and preserving cultural assets



Eine Nachhaltigkeitsstrategie für die Biosphäre Halligen



Wedel, Februar 2008

BIOSPHERE DIE HALLIGEN

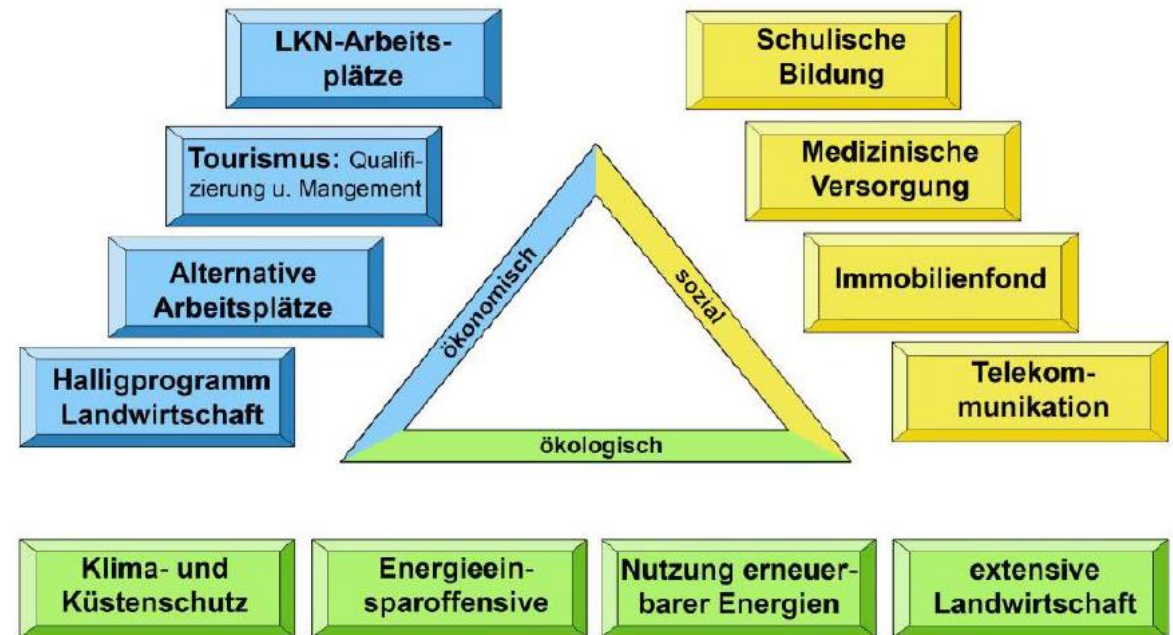


Model region

from the realisation of what constitutes the "Biosphäre Halligen".

- preserving the uniqueness of our homeland
- Halligen are a natural and cultural asset
- preservation of the Halligen - for us and the future generations
- belonging to a worldwide network
- preserving and protecting the diversity of nature
- harmonising sustainable living and economic activity with nature

Our sustainability strategy



Current fields of action

- 1) Hallig fuse and coastal protection
- 2) Agriculture on the Halligen
- 3) Transport, infrastructure and accessibility
- 4) Digital supply
- 5) Hallig tourism
- 6) Education for sustainable development
- 7) Basic medical care provided by nurses
- 8) Energy transition and environmental protection
– self-sufficient Halligen
- 9) Property management
- 10) Working and living on the Halligen
- 11) Communication and involvement of interested
groups and public relations work

economic | ecological | social



BIOSPHERE DIE HALLIGEN



Good examples for the future

– securing the Halligen and coastal protection



Küstenschutzanlage
Betreten des Dammes
verboten
+ 0 LKN-SH

BIOSPHERE DIE HALLIGEN



Our Challenges

- accelerated sea level rise
- protection of all Halligen
- protection from further erosion
- sustainable protection of the coastline
- reduce negative of impacts on the Wadden Sea habitat (i.e. nature conservation and coastal protection)



Sustainable Solutions

Strategy for the Wadden Sea 2100

- foundation and basic document
- expertise from numerous experts
- common understanding of nature conservation and coastal protection
- mission statement and goals for the Wadden Sea
- scenarios for climate developments and their effects
- assessment and adaptation options
- reduction knowledge gaps and starting new researches



BIOSPHERE DIE HALLIGEN



Sustainable Solutions

Strategy for the Wadden Sea 2100

Key messages:

1. The Wadden Sea will change fundamentally without action.
2. The Wadden Sea should be preserved in the long term.
3. Joint action is required.

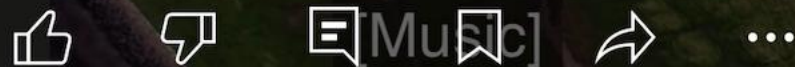


ECOHAL Teil 2 Nordstrandischmoor >

Landesbetrieb für Küstenschutz, Nationalpark und Meeresschutz Schleswig-Holstein



0:01 / 5:40



Weitere Videos
Tippen oder nach oben wischen, um alle Videos zu sehen



Conclusion

BIOSPHERE DIE HALLIGEN



We shape our future together!

What is existentially important to us?

- Hallig fuse and coastal protection
- energy supply and becoming self-sufficient
- basic medical care provided by nurses
- education and lifelong learning
- working and living on the Halligen
- sustainable tourism on the Halligen



We shape our future together!

How do we work?

- educational projects
- excursions and knowledge transfer
- reportings for inhabitants and authorities
- starting good projects / model projects
- establishment of Project groups
- exchange of experience
- committee work (like Ministerial meetings and other working groups)
- get support from universities (studies, researches, monitoring)



Sustainable Solutions

Designing the future together

- preserve the unique land for future generations
 - numerous partners from the region
 - according to a sustainability strategy
 - ask the government for support regularly
- only way of reaching their aim to preserve the biosphere region as a natural habitat and living space in long term



Contact

BIOSPHERE DIE HALLIGEN

Dr. Nicole Schrader
Geschäftsführung
Marktstraße 6
25813 Husum

Handy: +49 151 4241 8771
E-Mail: n.schrader@halligen.de

BIOSPHERE DIE HALLIGEN

