

# World Heritage and sustainability



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**Geirangerfjord  
World Heritage**

# The West Norwegian Fjords - justification for Inscription

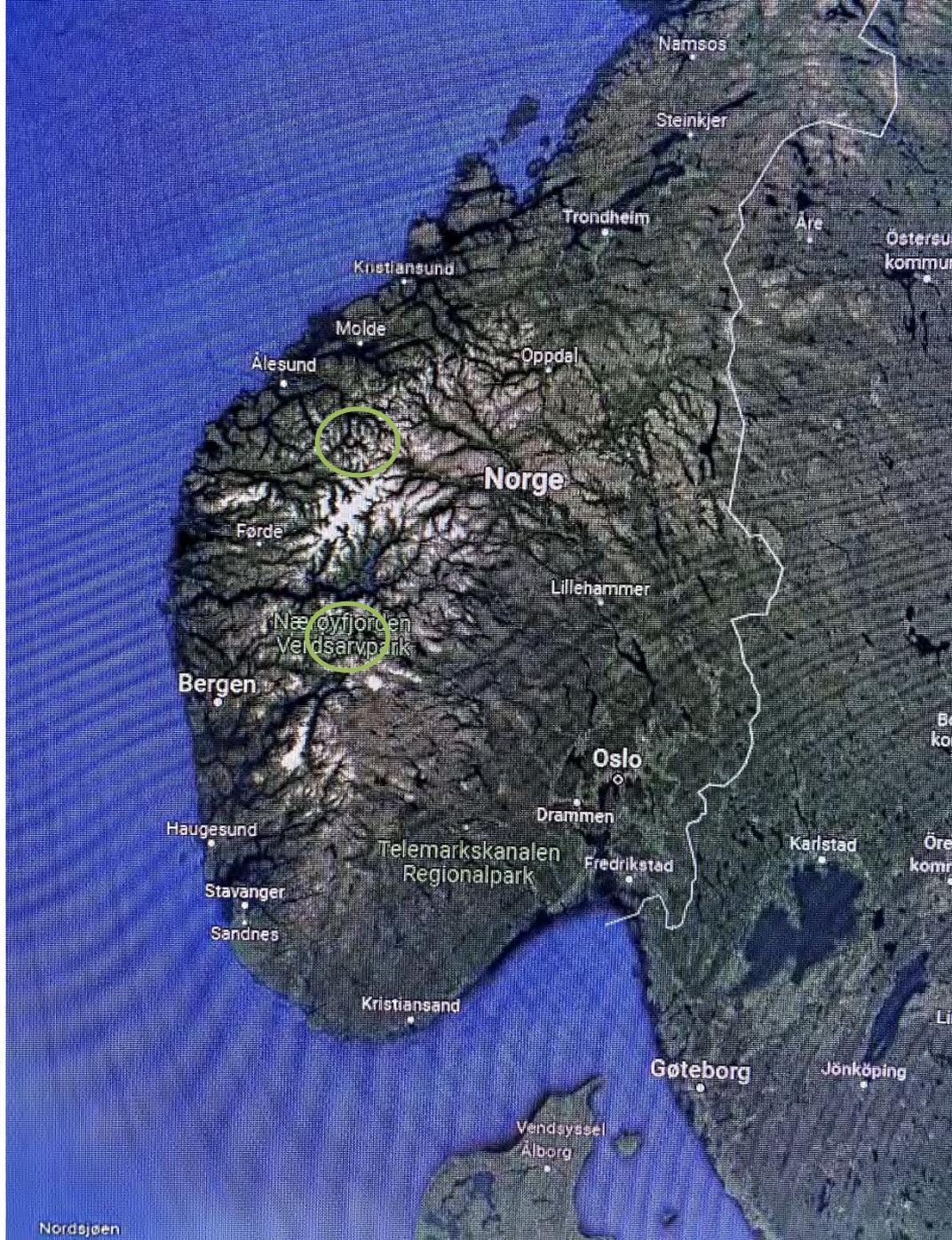
- *Criterion (viii)*: The West Norwegian Fjords are classic, superbly developed fjords, considered as the type locality for fjord landscapes in the world. They are comparable in scale and quality to other existing fjords on the World Heritage List and are distinguished by the climate and geological setting. The property displays a full range of the inner segments of two of the world's longest and deepest fjords.
- *Criterion (vii)*: The Nærøyfjord and Geirangerfjord areas are considered to **be among the most scenically outstanding fjord areas on the planet. Their outstanding natural beauty** is derived from their narrow and steep-sided crystalline rock walls that rise up to 1400 m direct from the Norwegian Sea and extend 500 m below sea level. Along the sheer walls of the fjords are numerous waterfalls while free-flowing rivers rise up through deciduous and coniferous forest to glacial lakes, glaciers and rugged mountains. There is a great range of supporting natural phenomena, both terrestrial and marine such as submarine moraines and marine mammals. Remnants of old and now mostly abandoned transhumant farms add a cultural aspect to the dramatic natural landscape that complements and adds human interest to the area.



United Nations  
Educational, Scientific and  
Cultural Organization



The West  
Norwegian Fjords





## TEIKNFORKLARING

### Legend

- Verdsarvområde  
*World Heritage Site*
- Naturvernomsråde  
*Protected Landscape Area*
- Verdsarvsenter  
*World Heritage Information Center*
- Turistinformasjon  
*Tourist Information*
- Flyplass  
*Airport*
- Servering  
*Café/restaurants*
- Overnatting  
*Accommodation*
- Campingplass  
*Camping*
- Utleiehytter  
*Cabins for rent*
- Betjent turisthytte  
*Tourist Cabin, staffed*
- Utsiktspunkt  
*Viewpoint*
- Attraksjon  
*Attraction*
- Fjordgard  
*Fjord farm*
- Foss  
*Waterfall*

The Geirangerfjord area

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- 🏕 Campingplass  
*Camping*
- 🏠 Utleiehytter  
*Cabins for rent*
- 🏠 Sjølvbetjent turisthytte  
*Tourist Cabin, self service*
- 🏞 Utsiktspunkt  
*Viewpoint*
- 🏠 Attraksjon  
*Attraction*
- 🏠 Fjordgard  
*Fjord farm*
- 🌊 Foss  
*Waterfall*



The Nærøyfjord area

# The Geirangerfjord World Heritage Foundation

The Geirangerfjord World Heritage Foundation is a non-profit organisation established by the local authorities. The headquarters are located at the Visitor Centre World Heritage in Geiranger.

The Foundation's tasks at hand are large and diverse. These include conservation, education and competence development to protect and preserve the natural heritage, as well as acting as a driving force for sustainable development.

Learn more about the foundation on [www.fjordsenter.com/en/](http://www.fjordsenter.com/en/)



**Geirangerfjord  
World Heritage**

# Our ROLE in the WH area

- Site Coordinator WH – (not Site Management): Secretariat for the WH Council
- Visitor Centre World Heritage
- Conservation / Restoration
- Communication / Interpretation
- Sustainable Development of the Site
  - Green Fjord Partnership – towards Smart fjords
- Sustainable Tourism Destination



Geirangerfjord  
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# World Heritage Management Office Community HUB

- The Norwegian Nature Inspectorate (SNO)
- Management of the Geiranger – Herdalen protected landscape area

## Local tourism businesses:

- Geiranger Fjordservice
- Geiranger Skyslag
- eMobility Geiranger
- Geiranger- & Nordfjord Cruisehandling

## R&D, coworking, periods of time:

- University of Bonn
- NTNU
- University of Bergen, geologi



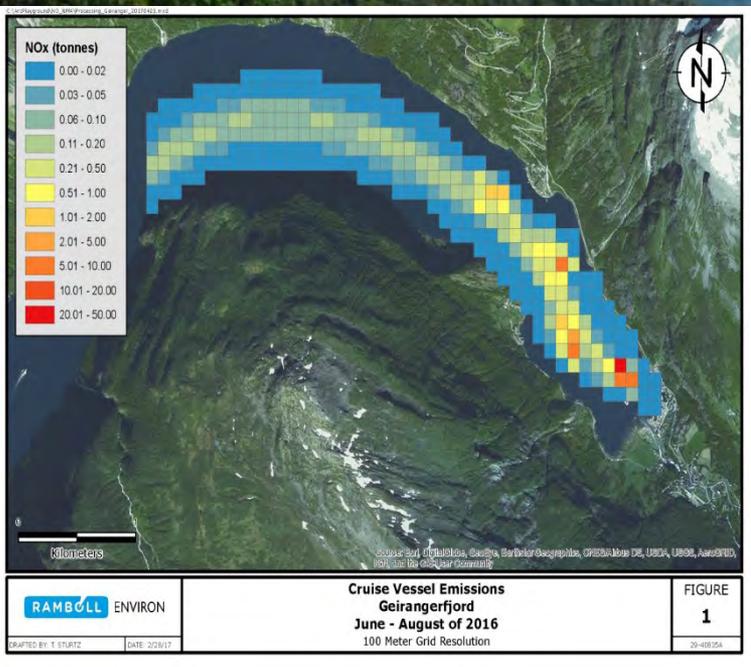
Geirangerfjord  
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## Geiranger village

- Inhabitants: 230
- Typical summer destination. (wellknown and popular)
- Visitors in Geiranger, approx: 800.000 – 1.000.000 (About 1/3 overnight stay, 1/3 cruise pax, 1/3 drive thru)
- Volume of visitors during summer is challenging
- Lack of infrastructure and more..
- Remote and quiet during the winter season



# The Green fjord initiative – back to the beginning.. (2011/12)



- Green fjord partnership
- University of Bonn- Air Quality Monitoring Programme
- NTNU/SUSTRANS and partners
- Norwegian Maritime Authority



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**Miljøfyrtårn®**

**Certification  
- About 20 partners**

**> 90 Green fjord partners in total**



Sister park agreement:  
Glacier Bay National Park  
& Preserve

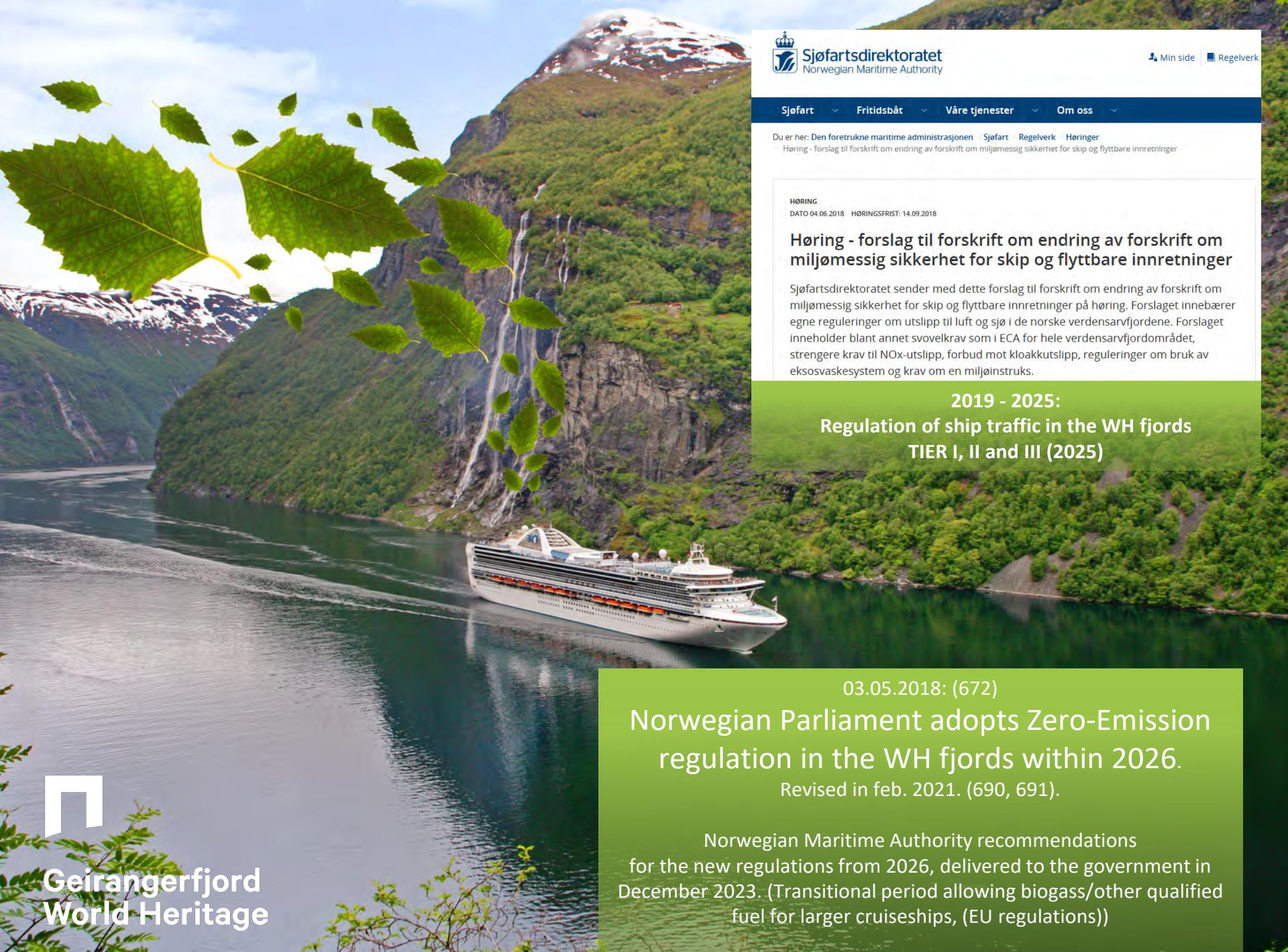


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Exchange of knowledge and «best practise» between the sites.

- Cruise tourism and regulations
- Interpretation and educational programs



HØRING

DATO 04.06.2018 HØRINGSFRIST: 14.09.2018

## Høring - forslag til forskrift om endring av forskrift om miljømessig sikkerhet for skip og flyttbare innretninger

Sjøfartsdirektoratet sender med dette forslag til forskrift om endring av forskrift om miljømessig sikkerhet for skip og flyttbare innretninger på høring. Forslaget innebærer egne reguleringer om utslipp til luft og sjø i de norske verdensarvfjordene. Forslaget inneholder blant annet svovelkrav som i ECA for hele verdensarvfjordsområdet, strengere krav til NOx-utslipp, forbud mot kloakktlipp, reguleringer om bruk av eksosvaskesystem og krav om en miljøinstruks.

**2019 - 2025:**  
**Regulation of ship traffic in the WH fjords  
TIER I, II and III (2025)**

03.05.2018: (672)

**Norwegian Parliament adopts Zero-Emission  
regulation in the WH fjords within 2026.**

Revised in feb. 2021. (690, 691).

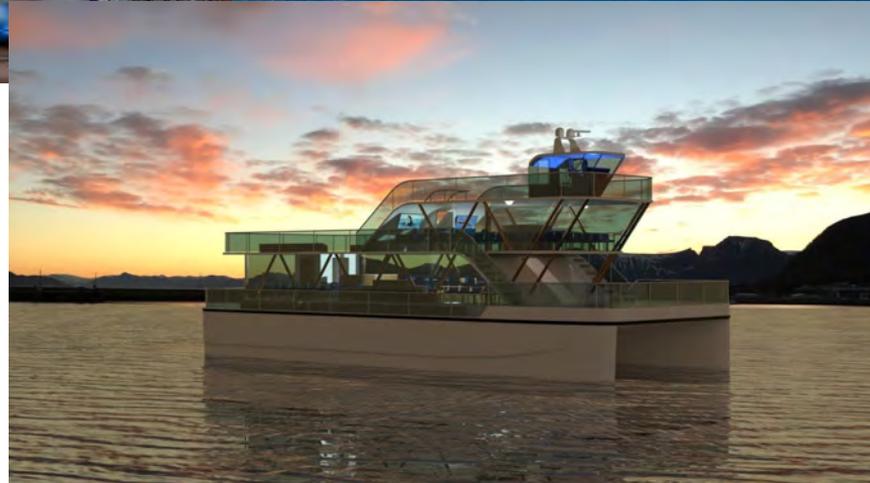
Norwegian Maritime Authority recommendations  
for the new regulations from 2026, delivered to the government in  
December 2023. (Transitional period allowing biogas/other qualified  
fuel for larger cruiseships, (EU regulations))



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# The green, technological revolution





Norwegian Prima, 2022  
LNG ship

LNG = Liquefied natural gas  
Carbon dioksid, (CO<sub>2</sub>) = - 25% less carbon dioxide  
Svovel = 0 sulphur emissions  
NO<sub>x</sub> = Up to 95% less nitrogen oxide than  
conventional fuel





Northern Explorer (Oslo based company): Worlds First Zero Emission cruiseship  
– deal signed for production (expedition cruise ships) – WH Fjords before 2026

# PARTNERSHIP

## From Green fjord 2020 to Smart fjords 2030



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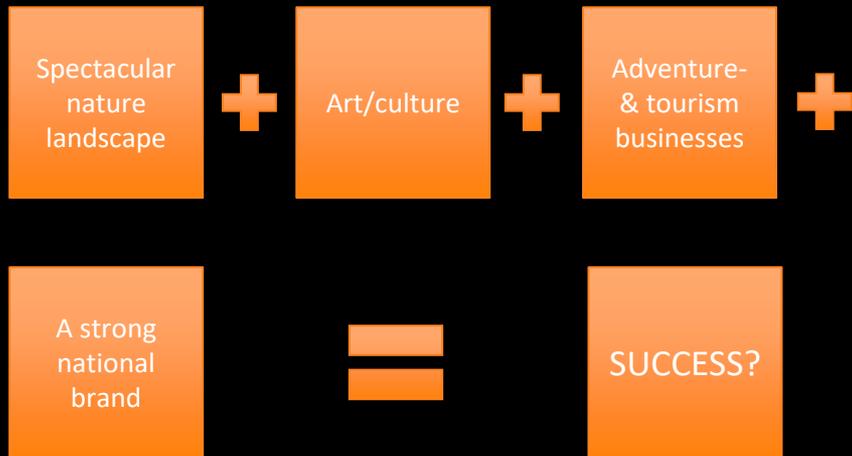
## Content

- AIR Geiranger
- Geiranger Light Art Festival
- Festspela i Geiranger – classical music festival
- Fjord Cowork
- Smart & sustainable villages
- Fjord Lights vs Dark Sky tourism
- Smart fjord research & partnership gathering
- VillagePUB



**SMART FJORD  
KULTUR**

# SMART FJORD KULTUR



## Why develop a Fjord Ranger Programme?

- *Partner up with cruise lines to reach out to a larger group of visitors*
- *Educate visitors and communicate our mission to protect and conserve the UNESCO World Heritage Site of the West Norwegian Fjords*
- *Motivate visitors to explore the unique qualities of our World Heritage Site and help us protect the site for future generations*
- *Represent a more professional host for the UNESCO site*
- *Inspiration: Glacier Bay National Park & Preserve Interpretive Programme*



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## The Fjord Ranger Programme

– nature /cultural interpretation

# Fjord Ranger Programme

Fjord Ranger Basecamp Programme  
(educational outdoor programme)

Fjord Ranger Waterfall Walk

Fjord Ranger Ship Programme

Fjord Ranger Digital Classroom

Fjord Ranger Host & Environmental  
Services

[fjordsenter.com/booking](https://fjordsenter.com/booking)





Fjord Ranger Ship Programme



Fjord Ranger Waterfall Walk

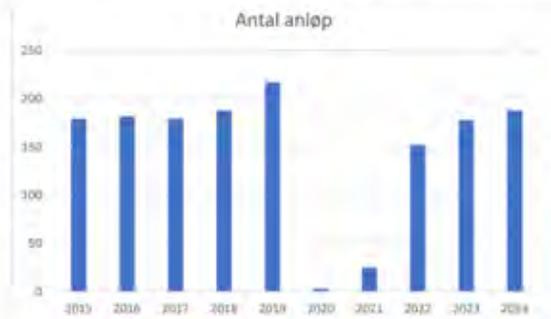


Fjord Ranger Basecamp Programme

## Statistikk og estimat 2015-2024



År	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Antal anløp	179	182	179	188	217	3	25	152	178	188
Cruisepassasjerer	309 895	311 805	349 786	356 707	410 283	467	3315	320 988	471 050	441 222



We would welcome:

A more committed cooperation between the nordic and arctic countries regarding management of cruisetourism? Benefit for nature, environment and the local societies.

- More sustainable cruise destinations and businesses



Foto og modell: Sijje Mari Westerås



# Geirangerfjorden verdsarv



Thank you

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