

The current state of marine citizen science in Norway

A national case within the broad selection of marine citizen science activities in Europa

EMB Science Webinar - Marine Citizen Science, 19. Nov 2020

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Photo: IMR

Coming up

Statistics

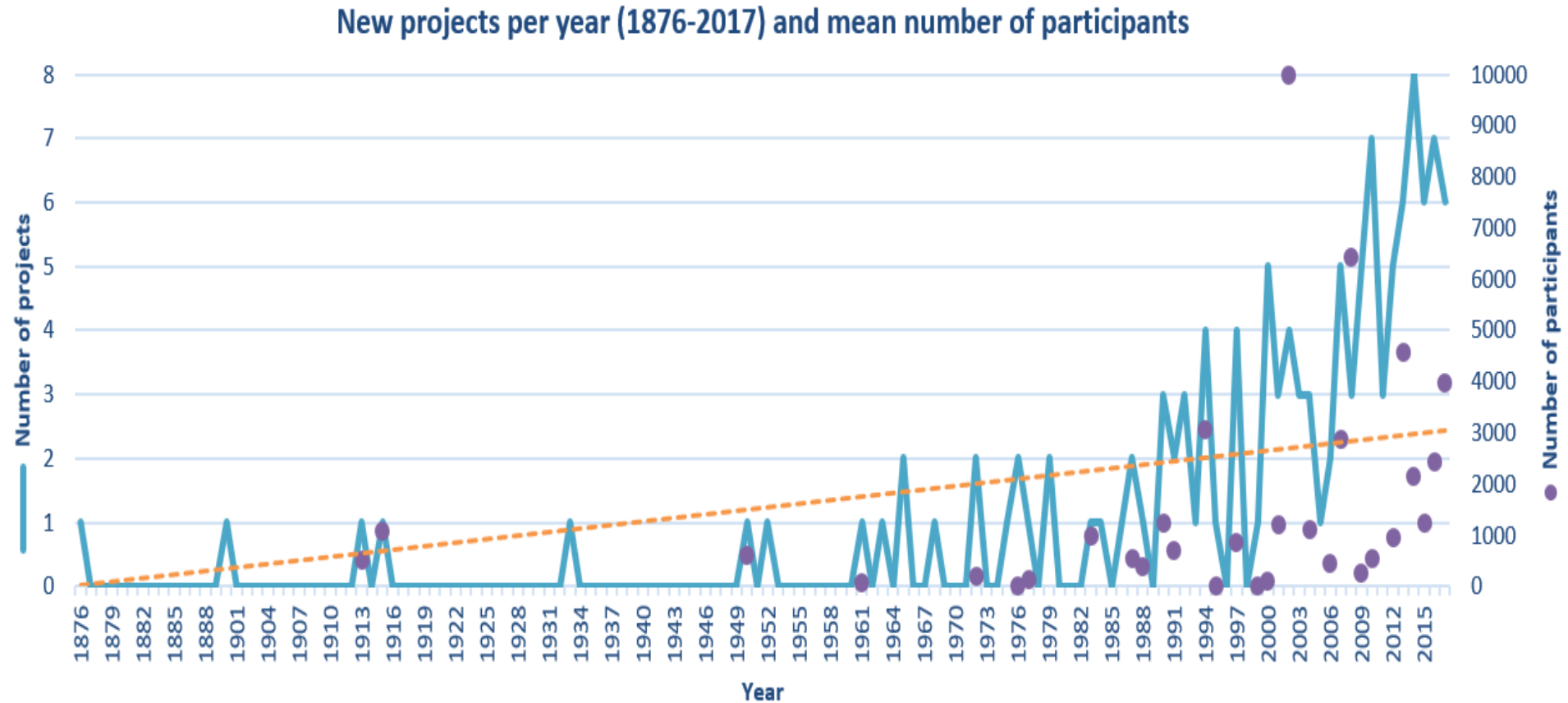
- Trends
- Topics
- Who's in charge
- Level of participation

Selected cases from Norway

- 2020 Marine Citizen Science, IMR – Marine observations
- 1969 Keep Norway Clean – Littering, incl. Marine litter
- 2005 Species Observations, NBIC – National, incl. marine observations



Overall size and trends of marine citizen science in Europe

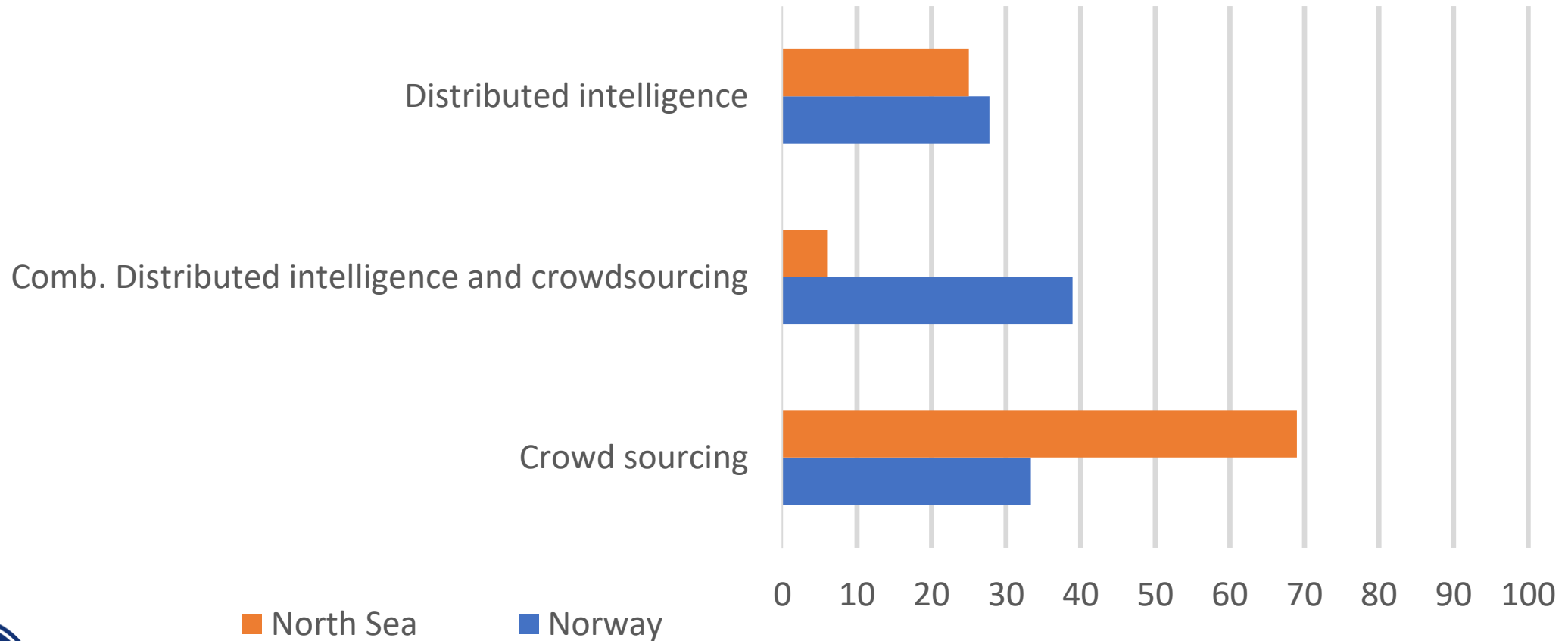


Vanhee et al 2020

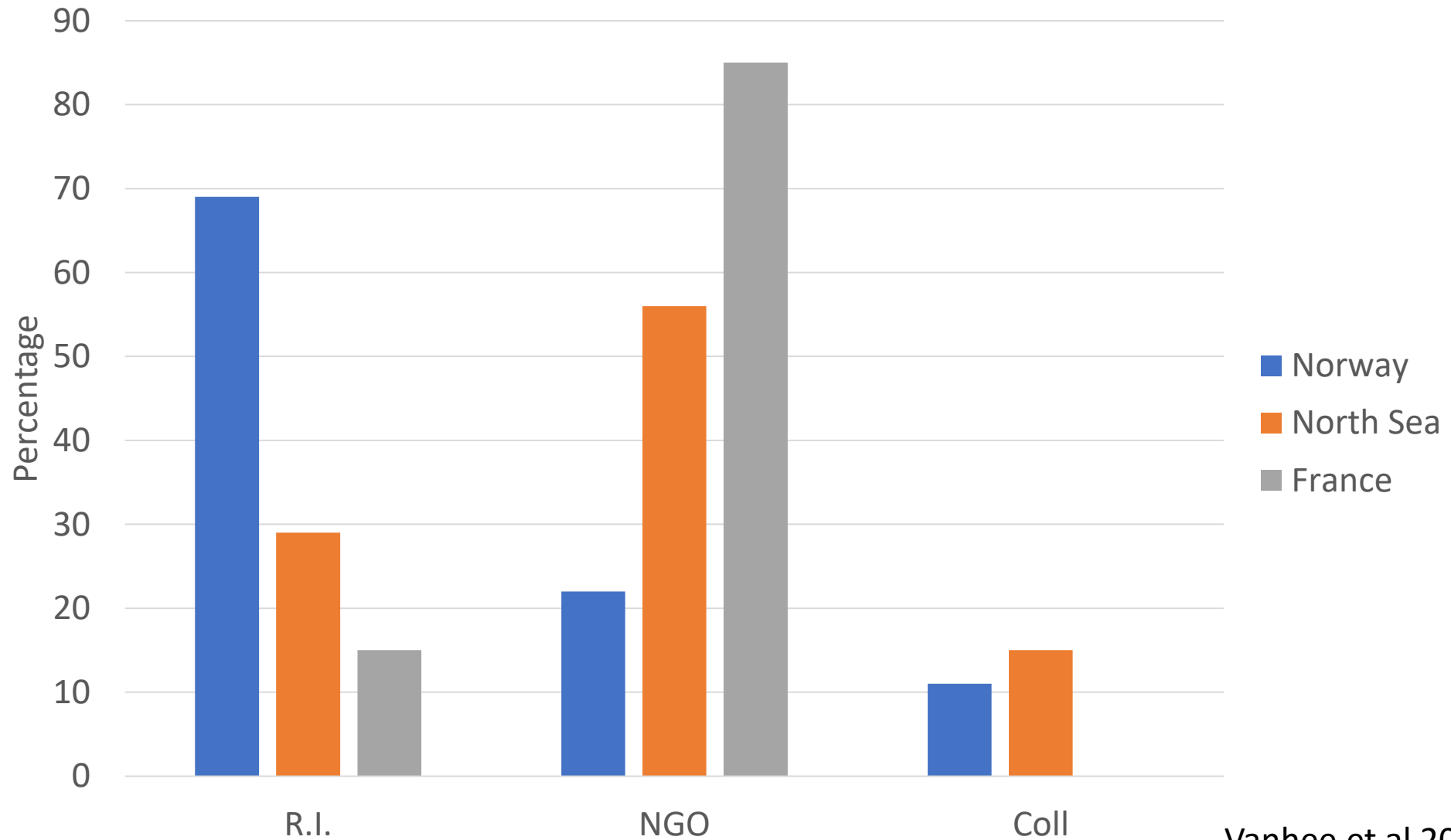
Garcia-Soto et al subm



Level of participation



Who is taking the lead?



Vanhee et al 2020
Garcia-Soto et al subm

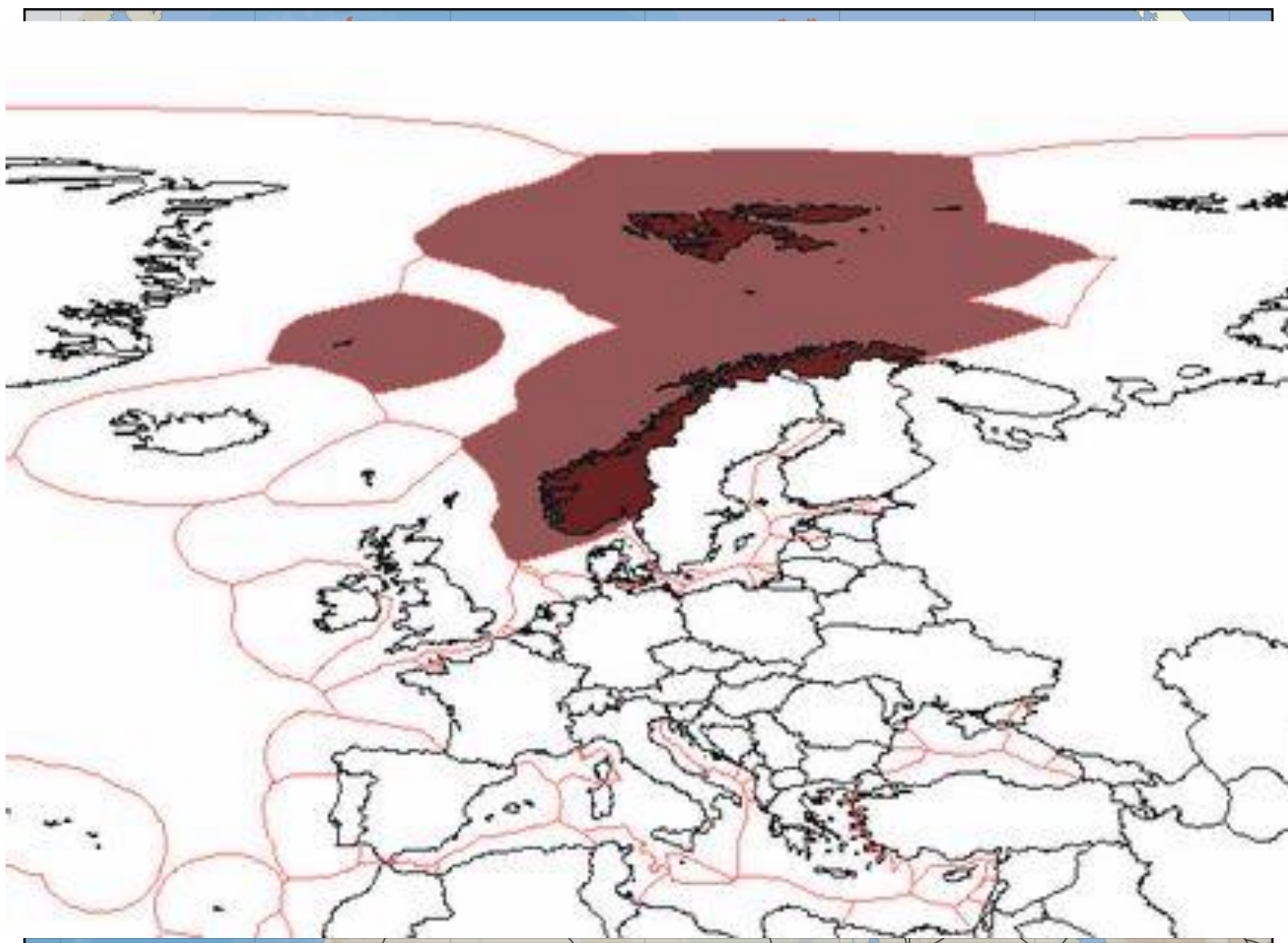
Norway

Inhabitants:
5 367 580

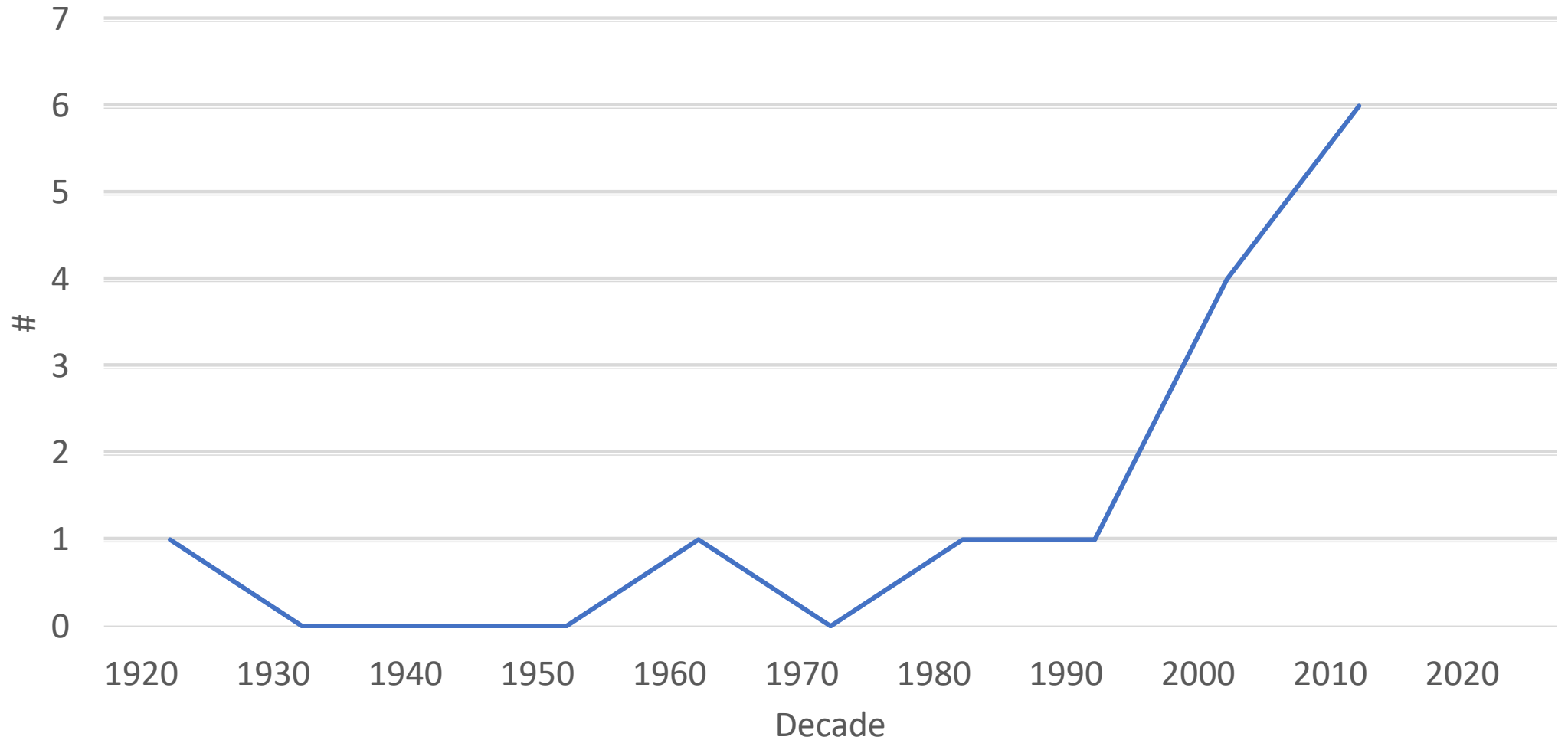
Coastal line:
100 915 km

EEZ:
819,620 km²

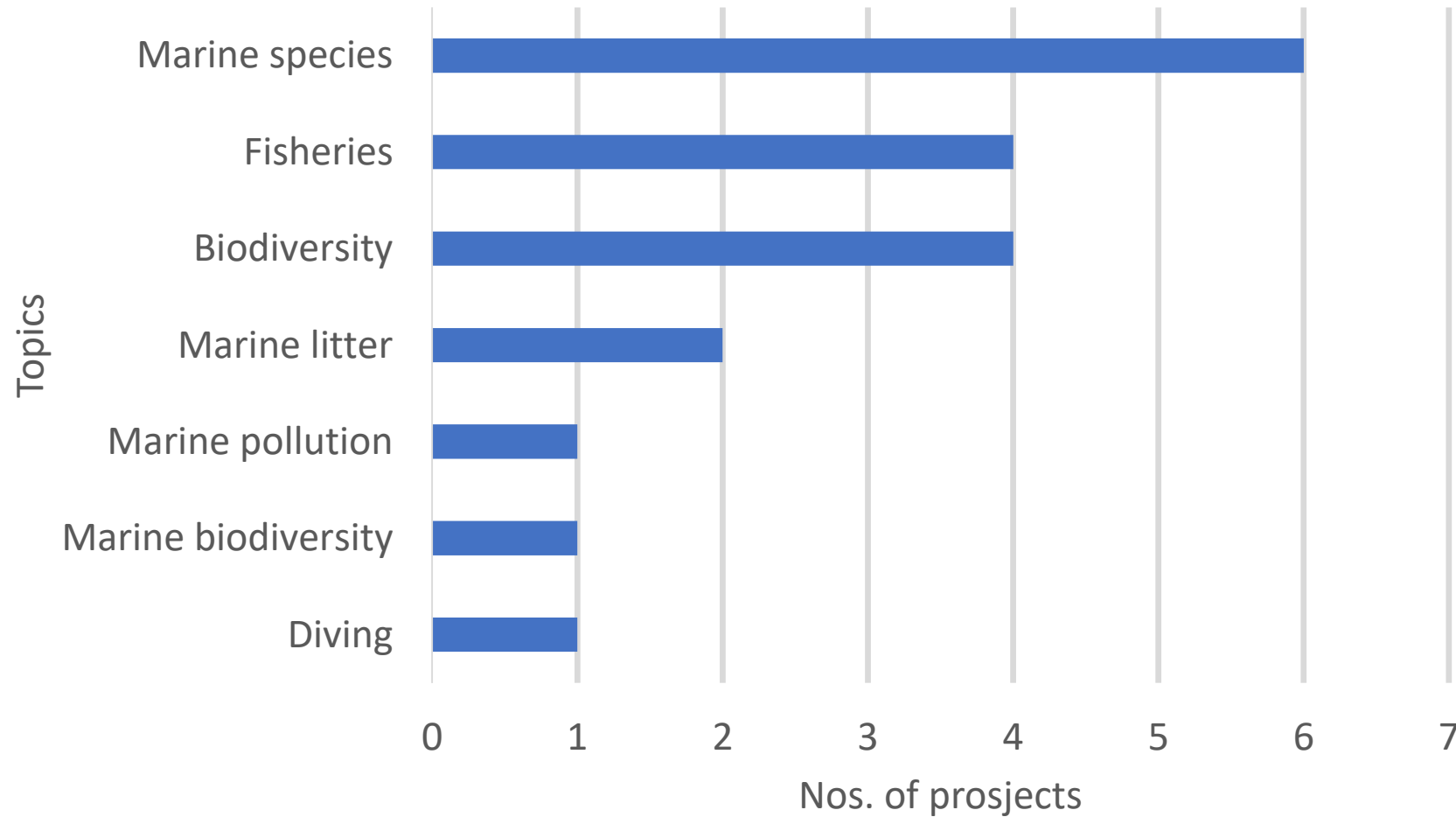
IMR:
>1000 employees



Overall trends of marine citizen science in Norway, per decade starting in 1920



What topics are the Norwegian projects dealing with?





MARINE CITIZEN SCIENCE – IMR, 2020





MARINE CITIZEN SCIENCE – IMR, 2020



ENKELTFUNN

TIDSSERIE

REGISTER FINDS

SEE FINDS

LIFE IN THE OCEAN



Terms of use

Marine Citizen Science is an open platform. It allows you to both report your findings and search for past observations of species. The information you report can be used freely by anyone. Marine Citizen Science is owned, developed and run by the Institute of Marine Research, which reports to the Ministry of Trade, Industry and Fisheries.

By using the platform, you accept the [terms of use](#). The terms of use regulate the parties' rights and responsibilities. Also see the data protection declaration. You must accept the terms of use before you can start using the platform.

What can I report?

Basically, you write down what you have found, and mark where you found it on a [map](#). You can also upload photos and videos.



<https://dugnadforhavet.no/>



MARINE CITIZEN SCIENCE – IMR, 2020



SINGLE FIND

Velg riktig kategori for å registrere ditt funn

Utforsk våre utvalgte arter

LES MER

SPECIFIC SPECIES

INTRODUCED SPECIES /
UNWANTED SPECIES

JELLYFISH SPECIES

CORAL SPECIES

FISH TAG

BASKING SHARK

ATLANTIC BLUEFIN TUNA

SMALL MACKAREL

SEA MAMMALS

Havforskningsinstituttet har mange forskningsprosjekter på ulike arter. Artene her er de vi vil gjerne ha hjelp av deg og resten av befolkningen til å følge med på. Kategorien «Fremmedarter/Uønskede arter» er arter som ikke er vanlig hos oss (som Kongekrabbe, Stillehavssøsters m. fl.) og som kan medføre stor skade i vår fauna.

OTHER CATEGORIES

FISH SPECIES

LITTER

ALGAE

OTHER SPECIES AND NATURE TYPES

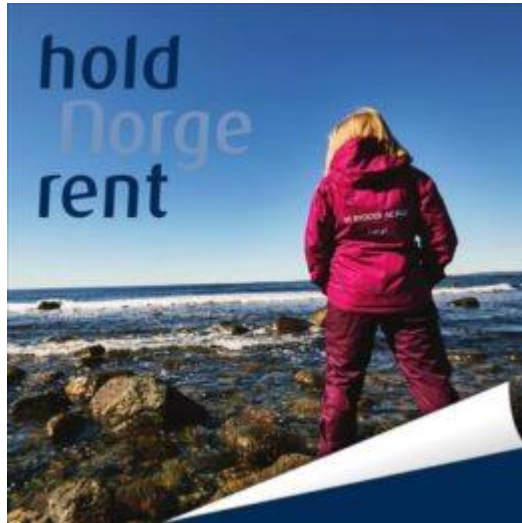
These are species / registration we also pay attention to, and also would like help from you. These categories are more broad, and we will give you feedback on the species / registration

MY FINDS

LAST REGISTERED FINDS



<https://dugnadforhavet.no/>



Keep Norway Clean – NGO 1969



<https://holdnorgarent.no/>

[Partnere/medlemmer](#)
[Kommuner](#)
[Rydde](#)
[Refusjon](#)
[Informasjon](#)
[Støtt vårt arbeid](#)
[Om oss](#)
[SAM](#)

Statsbudsjettet 2021: Hold Norge Rent etterlyser en nasjonal strategi mot forurensning

Statsbudsjettet for 2021 inneholder flere gode virkemidler for å bekjempe forurensningen i Norge, men vi etterlyser en helhetlig strategi mot forurensning som kan knytte tiltakene sammen og styrke arbeidet over tid.

[LES SAK](#)

Adapterte turområder - Det holder ikke å irritere seg over forurensningen

Hold Norge Rents årsrapport for 2019

Unngå forurensning fra munnbind

Tusen takk for en fantastisk innsats under Strandryddeuka 2020!

Hele verden rydder - fantastiske tall fra 2019

10-årsjubileum for Strandryddedagen

Ta en tur med mening - din lille dugnad for naturen!

Knallstart på Strandryddeuka 2020

Nordisk strandryddedag

Hold Norge Rent er en ideell forening som arbeider mot forurensning.

ABONNER PÅ NYHETSBREV

FØLG OSS

#HOLDNORGERENT



Species Observations— Norwegian Biodiversity Center, 2005

NORWEGIAN BIODIVERSITY INFORMATION CENTRE

- Species Observations System – A Citizen science recording species on maps into a national and freely accessible database
- The Norwegian Red Lists – species and ecosystems
- Alien species –a national risk assessment on alien and invasive species
- Species Map Service – Map access to records of species
- Internet services for species – Information services on species include taxonomy, identification keys, ecological data etc.



https://artsdatabanken.no/Pages/135489/Citizen_Science___Species_observations



Species Observations— Norwegian Biodiversity Center, 2005

NORWEGIAN BIODIVERSITY INFORMATION CENTRE

- Ecosystem diversity in Norway - A national typification and description system for ecosystems, habitats and ecological variation for all Norwegian environments. Available on web (in Norwegian only)
- New knowledge on species in Norway – The Norwegian Taxonomy Initiative started in 2009 and focuses on new knowledge of poorly known species groups in Norway

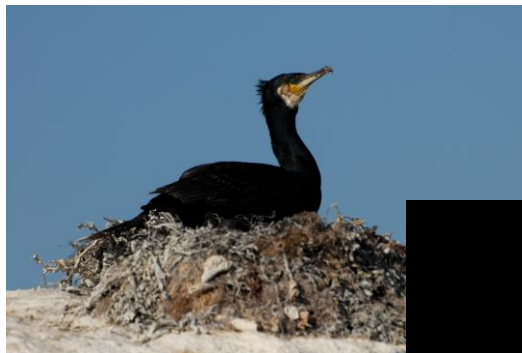




Photo: Erik Zakariassen

Thank you