

NordForsk Impact Report 2022



Creating research impact in the Nordic countries – and beyond

The main goal of NordForsk is to facilitate effective and trustful research cooperation in the Nordic Region, and ensure that NordForsk funded research has the highest international quality and realises Nordic added value.

NordForsk develops programmes and calls in close collaboration with national research funding organisations in the Nordic region. We fund high-quality research, research infrastructure and research-based innovation in different sectors of society. Funding decisions are based on scientific quality and expected Nordic added value.

NordForsk enhances the impact of Nordic research and research infrastructure collaboration by communicating the Nordic added value of our activities, and supports activities disseminating results from and impact of our funded projects and programmes.

This report shows that NordForsk funded research supports the Nordic Council of Ministers' Vision 2030 and the Action Plan for the period 2021–2024. Moreover, it describes how Nordic added value and other impacts on society are created.

Most of the data presented in this report were gathered in June 2022 from Researchfish, a reporting system all NordForsk funded projects are expected to report in at least once per year. Of a total of 136 registered projects, 103 submitted their data in 2021 and 2022.

This report uses the "live" version of the Researchfish data, which also includes projects who have entered some data but never submitted, and information entered after some awards have been submitted.

The data concerning NordForsk research by geography, Vision 2030 and Agenda 2030 are from our own portfolio analyses.

What is impact?

We define research impact as the results and effects of research.

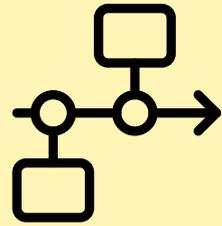
This includes academic impact, such as enhancing scientific quality and building critical expertise, and societal impact, which is about the contribution research has on society and the economy, and its benefits to individuals, organisations or nations.

Impact is created in many ways, for example through publications and disseminations, and engaging stakeholders and involving end-users. It is impact when research leads to the development of policy, practice or services, shaping legislation and changing behaviour.

Impact can occur quickly, but it often takes time – sometimes long after the project at NordForsk has been completed.

In the Nordic perspective, impact is also about creating Nordic added value. This is a main objective for NordForsk, and fundamental to the Nordic research collaboration we fund.

Key figures



136
Projects



325
Collaborations and
Partnerships



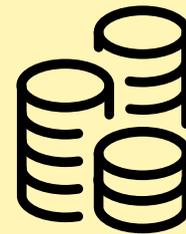
175
Awards and
Recognition



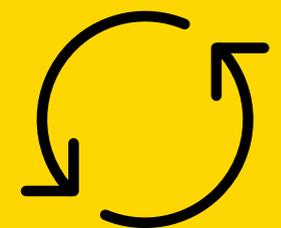
2 320
Publications



1 221
Dissemination
Activities



146
Further Funding



142
Influence on Policy,
Practice, Patients
and the Public

Nordic added value

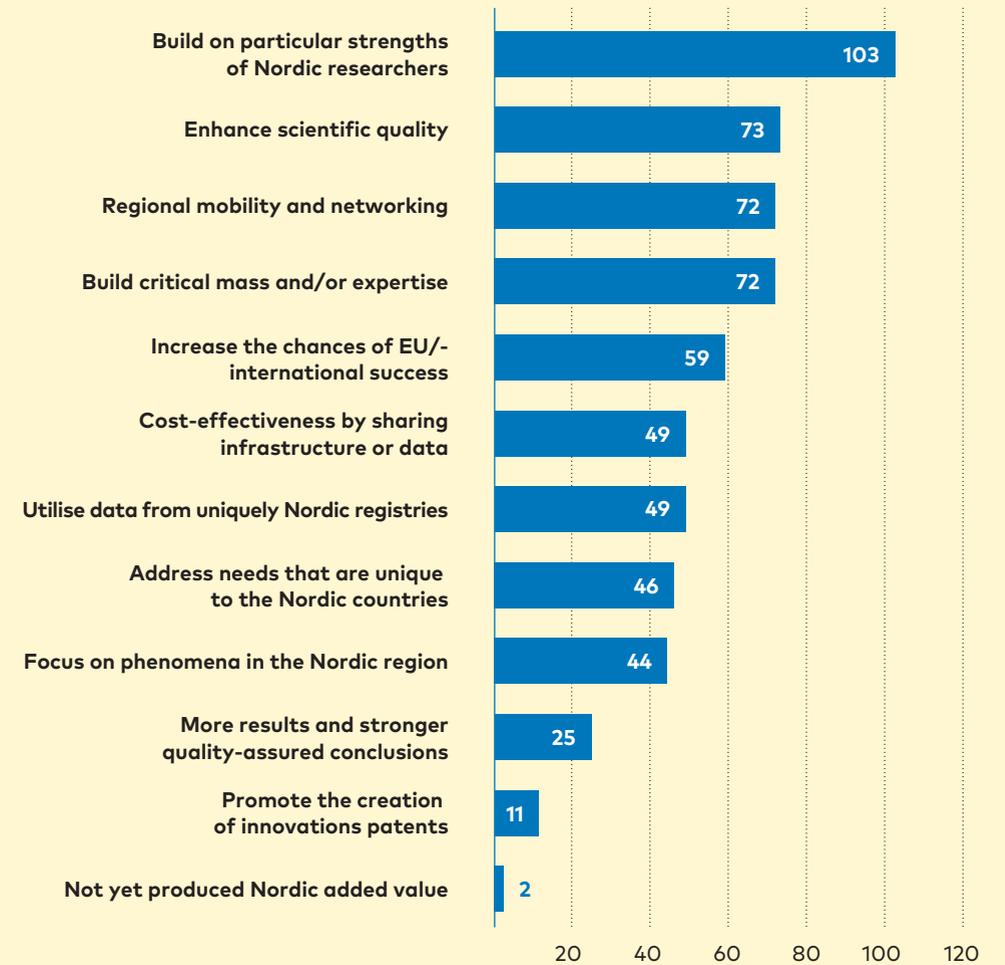
NordForsk funded projects create Nordic added value in a number of ways. For example, by enhancing the scientific quality and building critical expertise at the Nordic level.

We have devised our own definition of Nordic added value to be used when developing programmes, designing calls for proposals, assessing grant applications and reporting impact.

In all, we have 11 categories of how research create Nordic added value. Our projects create Nordic added value within all the different categories.

Read more about Nordic added value at nordforsk.org.

Nordic added value in NordForsk projects



Total number of projects having reported Nordic added value: 107

Publications

Research outcome can be presented in various ways. Of the many different outcome types the funded NordForsk projects can register in Researchfish, publications are among the most commonly reported.

The researchers can choose among 16 different publication types, such as book chapters, monograph, technical reports and conference papers.



2 320

Unique publications



88

Projects reporting at least one publication



26.36

Mean number of publications for projects reporting at least one publication

Number of Publications by Type

Journal Article
1667

Book Chapter
288

Other
146

- Book edited
- Manual/guide
- Monograph
- Preprint
- Systematic review
- Technical report
- Consultancy report
- Preprint
- Working paper

Conference Proceeding
118

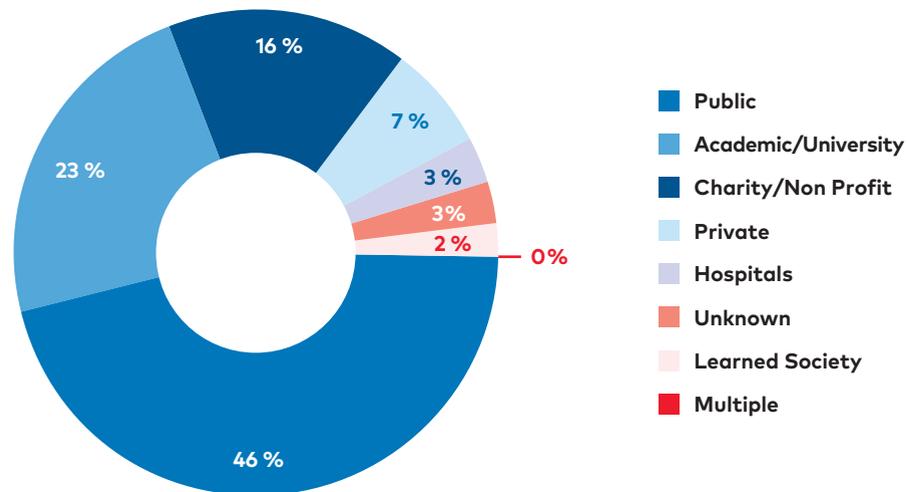
Book
55

Thesis
46

Further funding

When projects successfully receive new research grants and other funding, this is an indicator of the excellence of the research consortium, of added value and of sustainability of the research collaboration. NordForsk funded projects report to quite a large extent of further funding. The main funding source, as seen in the figure below, is public funding. 49 projects reporting at least one instance of further funding.

Number of Instances of Further Funding by Sector



146 Instances of further funding

Policy influence

Influence on political processes and decisions is an important indicator of impact. Therefore, we ask the projects to report on policy influence, more specifically the amount and what kind of influence.



31
Projects reporting
at least one policy
influence

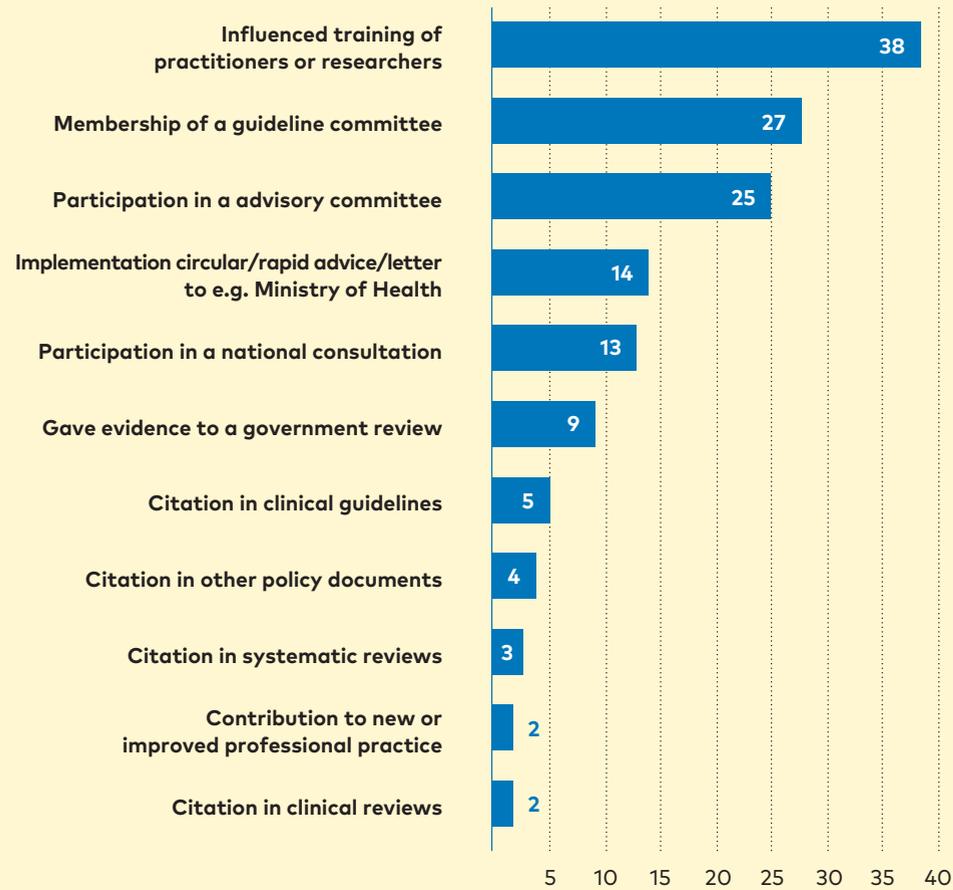


142
Unique policy
influences

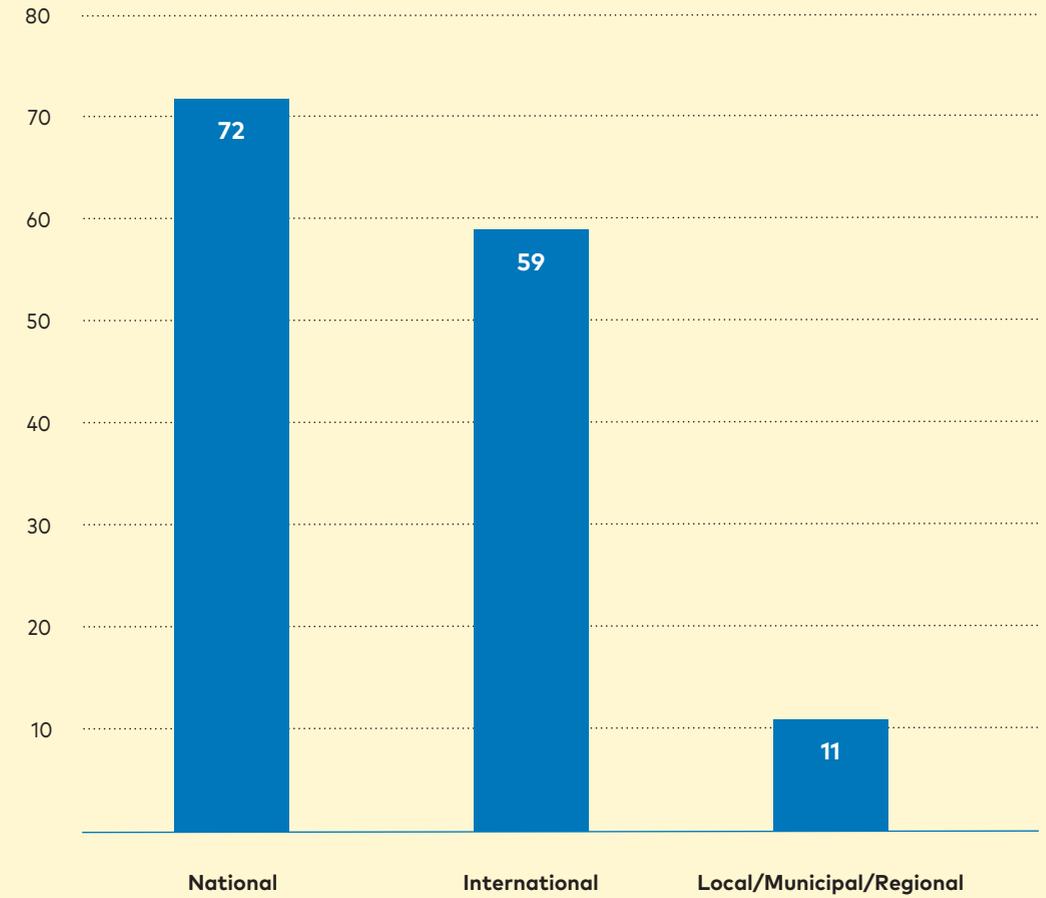
Policy influence, top five sectors

1. Education
2. Healthcare
3. Communities and social services/policy
4. Government, democracy and justice
5. Pharmaceuticals and medical biotechnology

Policy Influence by Type



Policy Influence by Geography



Dissemination activities

Researchers must communicate beyond professional journals, books and other scientific publications. They must tell the public what they do, why, and what results they produce. Because communication can build support for and understanding of science. It can promote understanding of the wider relevance of research to society, and encourage more informed decision-making at all levels. At NordForsk, all projects must have a communication plan, and all projects must report on how they communicate. Here are the results.



64

Projects reporting at least one dissemination



1 221

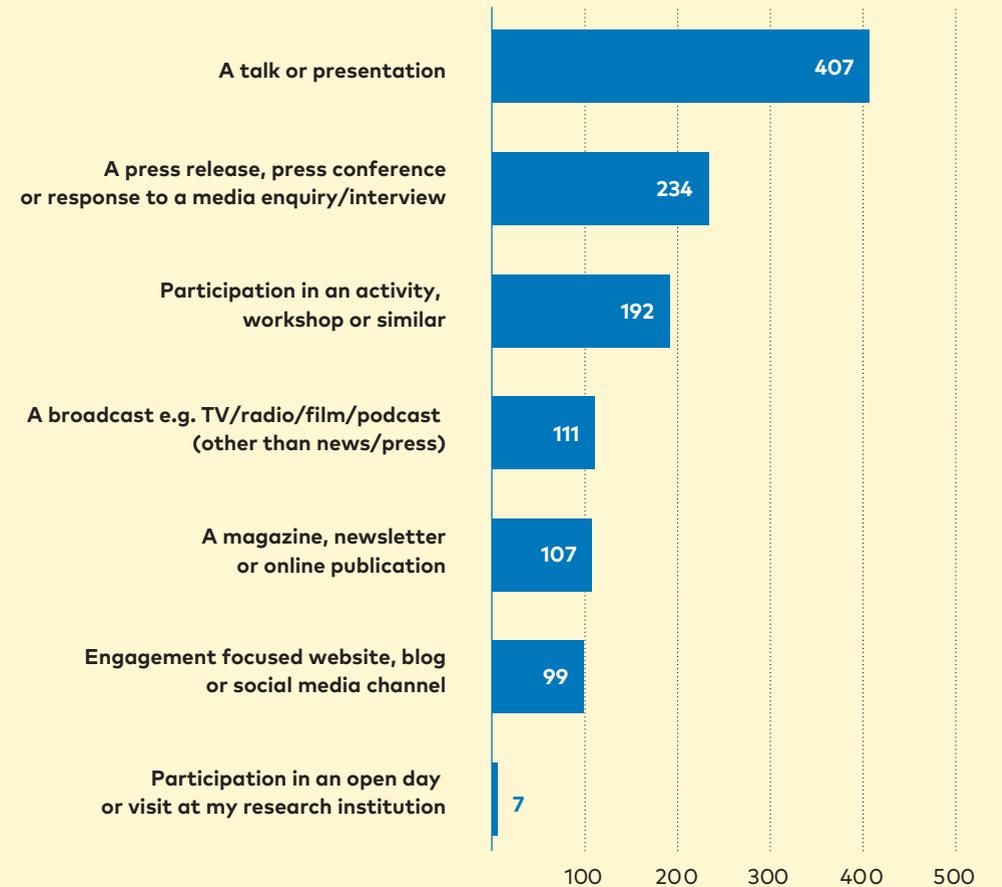
Unique disseminations



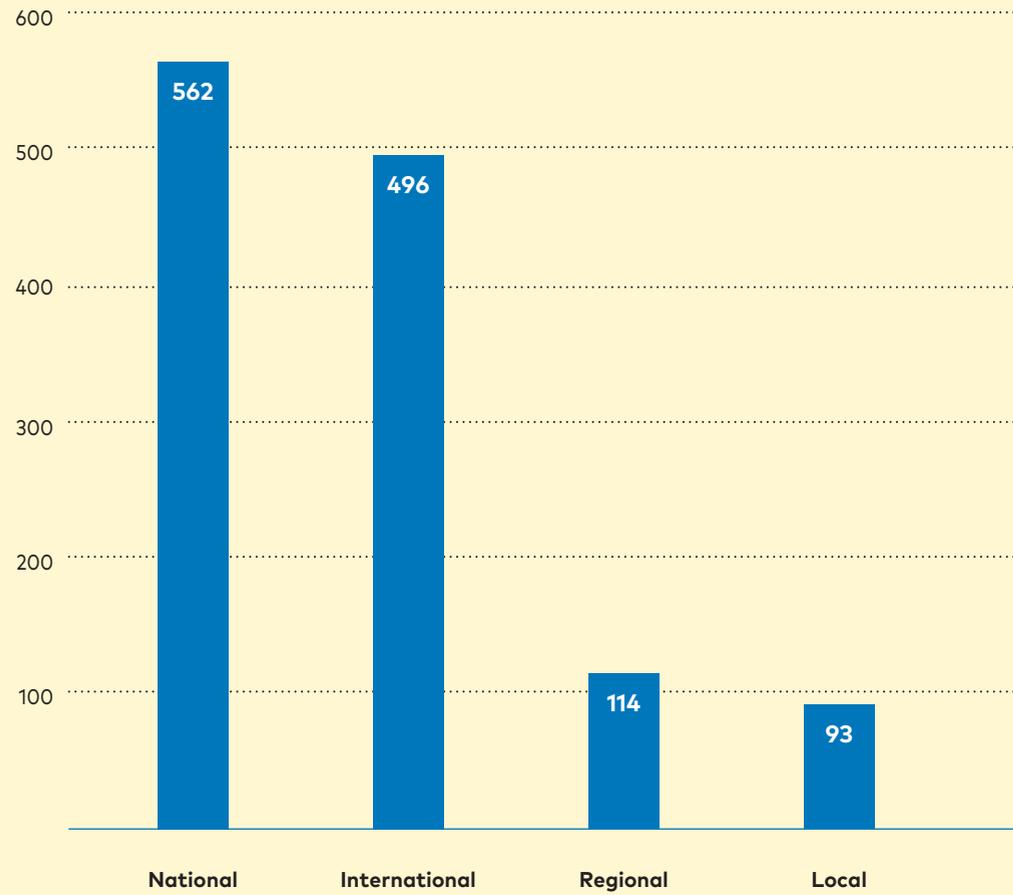
19.46

Mean number of disseminations for projects reporting at least one dissemination

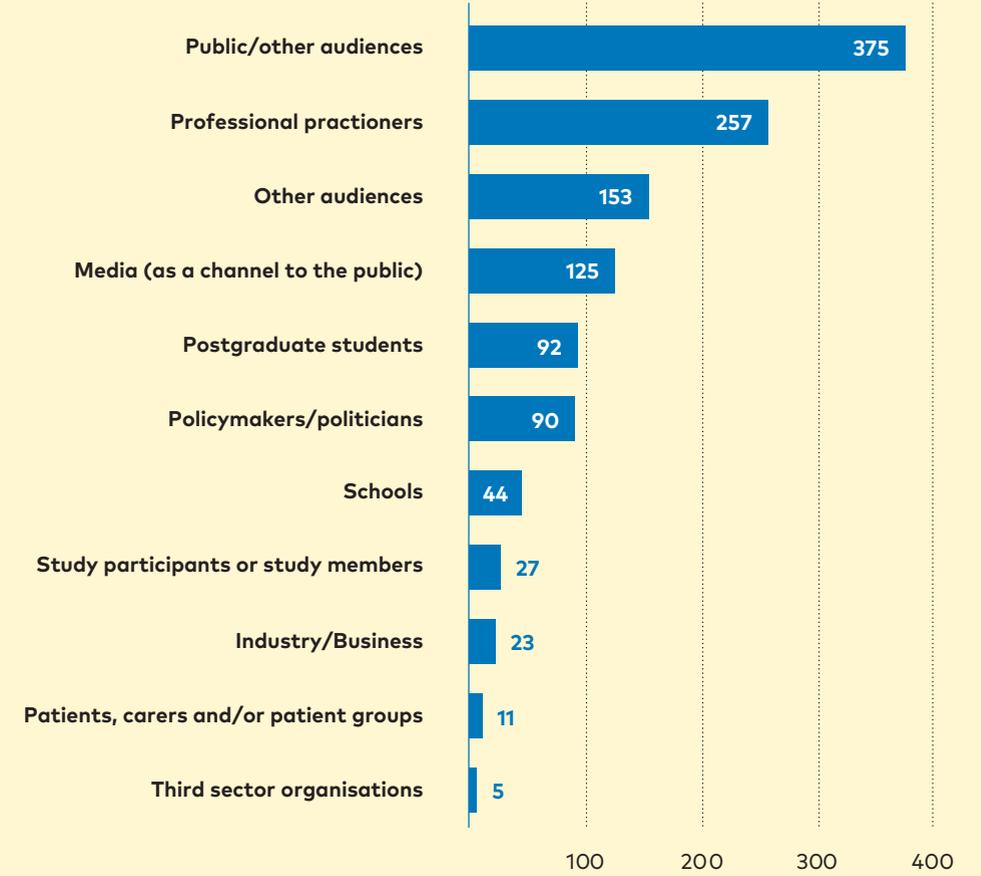
Dissemination Activities by Type



Disseminations by Geographic Reach



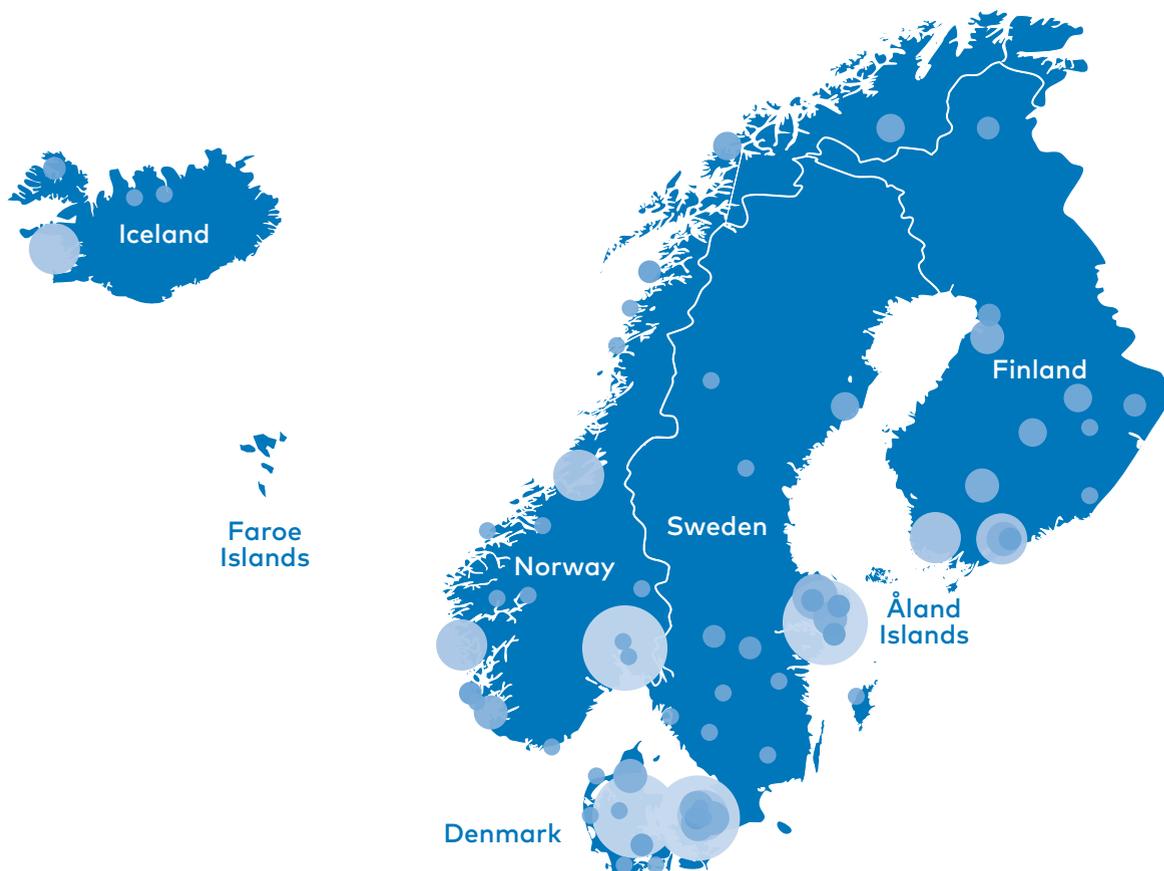
Dissemination Activities by Target Group



NordForsk research by geography

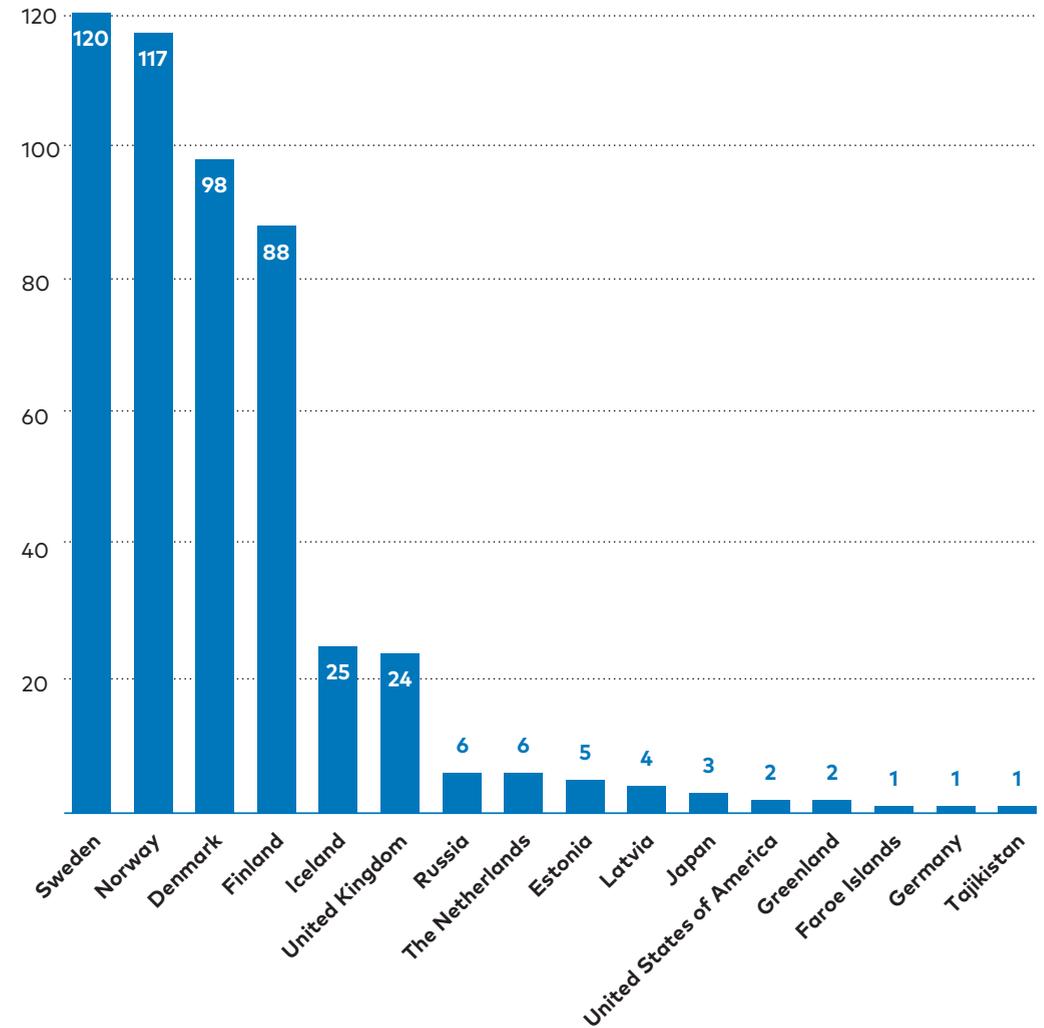
One of the criteria for Nordic added value in research is 'regional mobility and networking among the Nordic countries'. A benchmark for assessing whether this succeeds is to look at the geographical location of the projects.

The map shows the location and number of participants in NordForsk funded research projects. The bigger the circle, the more project participants.



Project participants by country

Number of participants per country, with one participation registered per institution per project.



Data on NordForsk research by geography and Project participants by country from 84 projects awarded 2017–2021. The location of both project leaders and partners are indicated in the map.

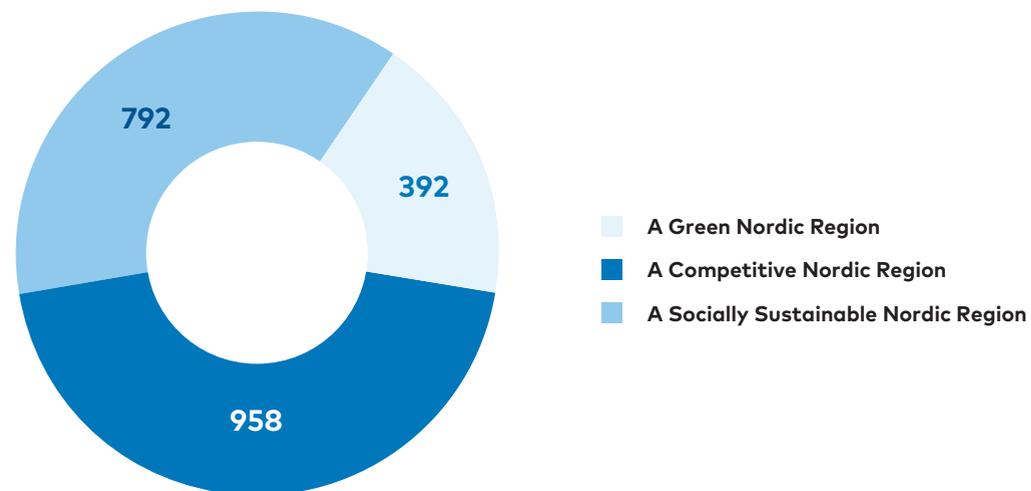
Supporting Vision 2030

The Nordic region will become the most sustainable and integrated region in the world in 2030. That is the vision of the Nordic Council of Ministers (NCM). The research funded by NordForsk shall support this vision.

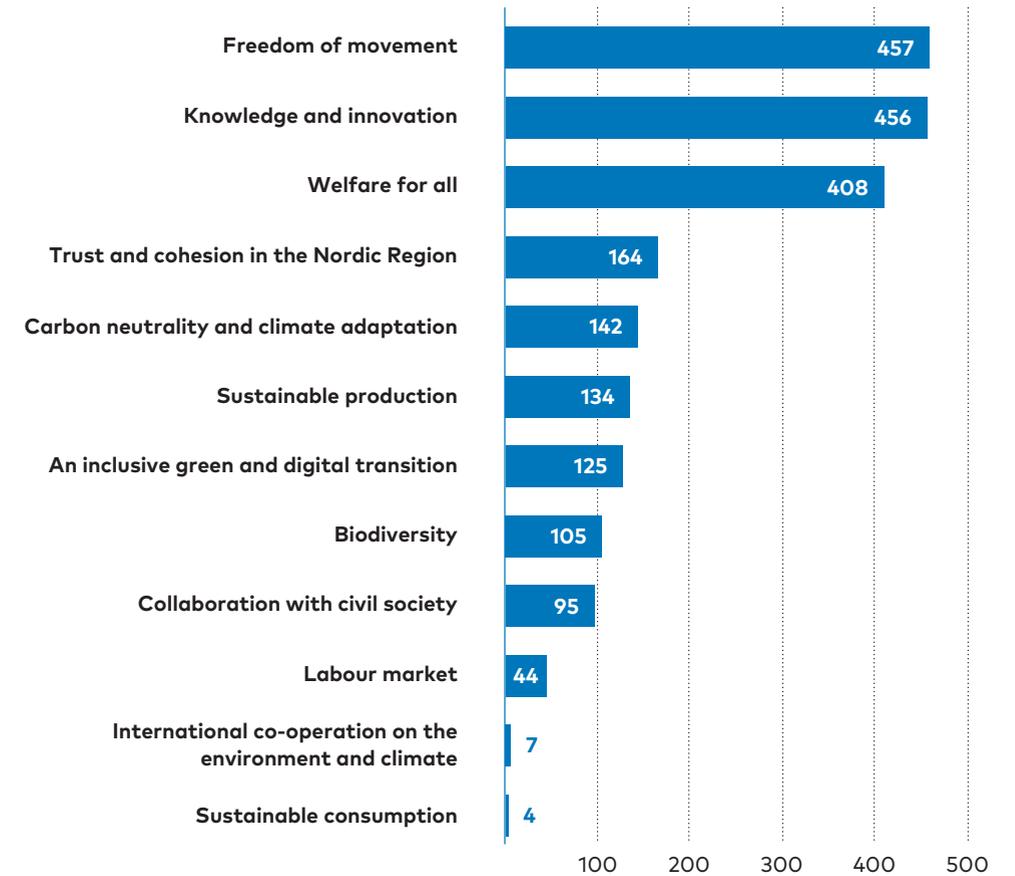
In order to realise the vision, the NCM has given priority to three strategic areas and an action plan with 12 focus areas.

NordForsk allocated 2 142 million NOK to research collaboration, research infrastructure and innovation in the years 2015–2021 to the strategic areas a green Nordic Region, a competitive and a socially sustainable Nordic Region.

Numbers in million NOK



Research funding in mill. NOK



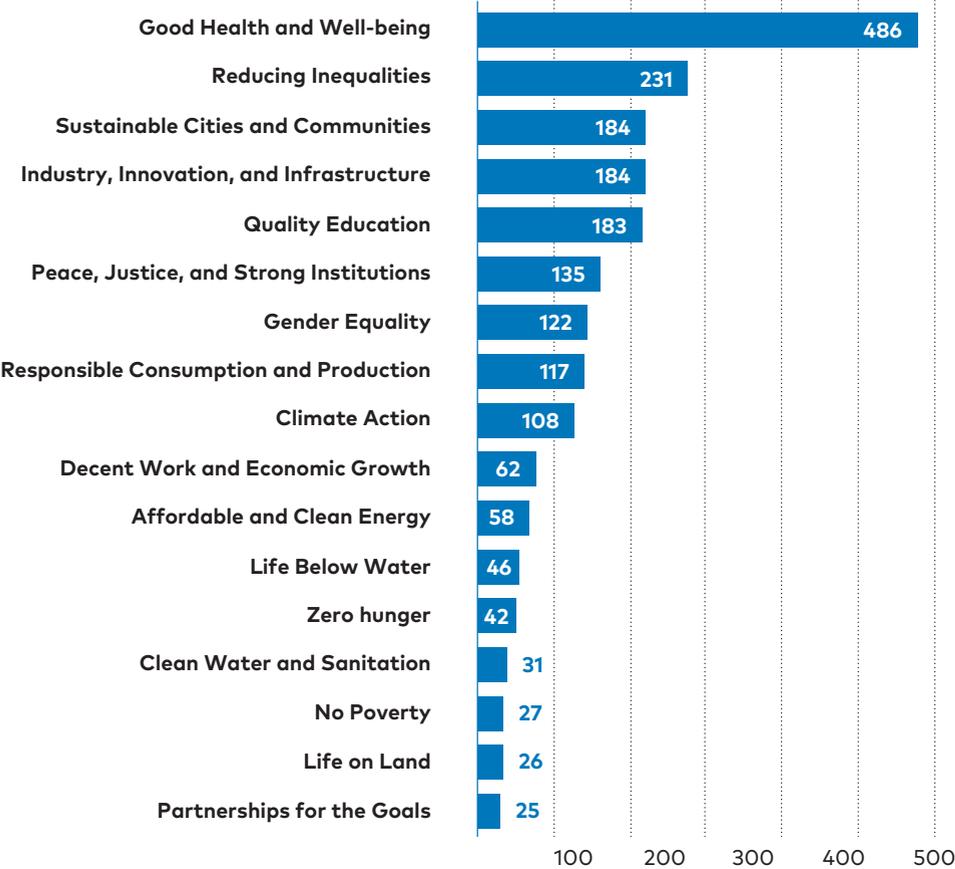
NordForsk funding allocated to research addressing each of the 12 focus areas the NCM's action plan for 2021–2024 in the period 2015–2021.

Supporting Agenda 2030

Implementing the United Nation's Sustainable development goals (SDG's) is an important issue to the Nordic collaboration, and NordForsk contributes largely to this part of the co-operation.

NordForsk funding in the years 2015–2021 allocated to research supporting the 17 SDG's.

Numbers in million NOK



Total allocation reported is 2 067 million NOK. The figures are calculated on basis on self-reporting from the project leaders.



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