

THE FEDERATION OF FINNISH LEARNED SOCIETIES

ANNUAL REPORT 2022



Federation of Finnish
Learned Societies

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FROM THE CHAIR

OVER THE PAST YEAR, the research community has largely returned to its normal routine after the exceptional conditions caused by the pandemic. Learned societies have been able to hold their seminars and presentations in person again.

We have also returned to the beautifully renovated premises of the House of Science and Letters on Kirkkokatu. The temporary premises in Töölö were not used very frequently, which was partly

due to the exceptional conditions and the low number of events in general. The autumn season in the House of Science and Letters was quite busy, however.

During the pandemic, we got used to expanding audience and participant numbers thanks to remote connections. Now, hybrid meetings and events have become the 'new normal'. Wider audiences have been reached even as we return to face-to-face discussions.

In connection with the renovations, the premises of the House of Science and Letters were renewed so that the personnel of the Federation of Finnish Learned Societies, the Committee for Public Information and the Finnish National Board on Research Integrity were able to move into the facilities. This makes the building even more clearly a home for societies and the experts working for them.

As is also apparent in this annual report, the Federation of Finnish Learned Societies serves not only the learned societies; over the years, the expertise of our personnel has been in demand in many areas of science policy and the development of the research community. We are a sought-after cooperation partner both nationally and internationally. When all this takes place under one roof, the House of Science and Letters will be even truer to its name.

Ulla-Maija Forsberg

served as the chairperson of the board of directors of the Federation of Finnish Learned Societies for the term 2018–2022.



EVALUATION OF RESPONSIBLE RESEARCHERS AND RESEARCH – LOOKING TO THE FUTURE

IN SEPTEMBER 2022, the board of the Federation of Finnish Learned Societies decided to sign an international agreement on the reform of research evaluation to promote responsible evaluation within the

Finnish science and research community. The Federation, along with the Academy of Finland and several Finnish institutes of higher education, became a member of the Coalition for Advancing Research Assessment (CoARA), comprising the organisations that have signed the agreement.

The organisations signing the agreement committed to publishing a review plan for their evaluation policies by the end of 2023. They also commit to carrying out these reforms by the end of 2027. By signing the agreement, the Federation of Finnish Learned Societies reinforced its own role as an advocate for responsible evaluation.

In 2020, the Finnish research community published the *Recommendation for the responsible evaluation of a researcher in Finland*, which was compiled under the leadership of the Federation. It was one of the first national policies regarding the topic in the whole world. In spring 2022, the *National Policy for Open Scholarship* was published, setting the goals and measures for organisations in accordance with the national recommendation. Evaluation is now an evolving area in the Finnish research organisations.

In 2023, responsible evaluation will also have a major role in the operations of the Federation of Finnish Learned Societies. The steering group for responsible researcher evaluation assembled by the Federation will compile a plan for training on responsible evaluation. A Responsible Assessment Day will be held in April 2023, serving as a forum for discussion on the implementation of the national recommendation and the CoARA agreement. The Federation of Finnish Learned Societies can also participate in the CoARA workgroups, make proposals regarding them and coordinate the national CoARA cooperation.

The steering group for responsible evaluation of researchers is compiling a matrix on the qualitative and quantitative criteria for

researcher evaluation, which will consider the researchers' merits in the field of open science, their career stages and career paths and the differences between different fields of science. The Federation of Finnish Learned Societies is also participating in the EU-funded GraspOS project, which will be launched in January 2023 and will last for three years. The project seeks to develop the open infrastructure of the knowledge base, tools, services and instructions required for the evaluation reform.

Next year, the Publication Forum will complete its long-term action plan. This includes reviewing the modification needs of the Publication Forum classification system and its instructions, which have been being published since 2012. How the operating model of the permanent national evaluation panel could later be utilised to support diverse works, activities and more extensive entities, such as social impact and responsible evaluation will also be reviewed.

The Federation of Finnish Learned Societies' members are learned societies that bring together researchers and experts from all Finnish research organisations and the different sectors of society. In autumn 2022, the Federation of Finnish Learned Societies published the *Who belongs to a learned society?* review. According to the review, most society members believe that the promotion of open science, responsible conduct of research and responsible evaluation are important duties of their societies. The discipline-specific communities and networks can become a resource for the reform of researcher and research evaluation.

Janne Pölönen

is the secretary general of the Publication Forum.

MEMBERS OF THE FEDERATION OF FINNISH LEARNED SOCIETIES

AT THE END OF 2022, the Federation of Finnish Learned Societies had 295 member societies. The members represent extensive scientific expertise from all fields of science.

At the March 2022 spring meeting, seven new societies were accepted as new members of the Federation from the ten applicants. The Federation's membership is an attractive prospect, as 5–10 societies have applied for a membership every year. The societies feel that the membership reinforces their inclusion in the research community and promotes diverse networking. Additionally, the membership allows them to use the services of the Federation of Finnish Learned Societies and apply for publication grants.

The members' interest in participating in the Federation's decision-making has remained at a good level during the past few years. About 60–70 member communities take part in the annual meetings. There are always enough candidates for the members of the Federation's board of directors, and the places always need to be allocated via voting. Majority of the board members represent the humanities and social sciences, which also have a strong representation among the Federation's members.

LEARNED SOCIETIES AND RESPONSIBLE RESEARCH REVIEW

In 2022, the Federation of Finnish Learned Societies carried out two surveys to collect information on the work and members of learned

The Federation
of Finnish Learned
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295

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in 2022.

**Seven new
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The societies accepted as new members at the 2022 spring meeting

- Jyväskylä historic society
- The Society for Cultural Environment Studies
- Rajapinta digital social sciences association
- The Archaeoastronomical Society of Finland
- The Teachers' and Researchers' Section / The Finnish Association of Translators and Interpreters
- The Finnish Chiropterological Society
- The Finnish Society for Game Research

societies. These were compiled under the leadership of researcher **Elina Late**, and both are available to read in the *Edition.fi* service.

The first survey reviewed what kinds of operations the Federation of Finnish Learned Societies' member societies have and what the role of themes related to responsible research in their work is. Based on the results, the promotion of scholarly activities and general scientific understanding are at the heart of the operations of learned societies. These goals are promoted by holding seminars and conferences and partaking in scholarly publication activities.

Most of the learned societies are also taking part in the development of open science, and many have transitioned to open scholarly publishing. The majority of the societies also carry out activities connected to evaluating the scientific quality and social impact of research. Activities linked to research integrity, however, were quite rare.

WHO BELONGS TO A LEARNED SOCIETY? SURVEY

The objective of the second survey was to collect information on the membership of Finnish and international learned societies. The survey was a continuation of another survey carried out in 2019, which reviewed the level of organisation, operations and future prospects of the member societies of the Federation of Finnish Learned Societies.

The survey was addressed to the members of learned societies and researchers operating in Finland. It was sent to the Federation's member communities, who then forwarded it to their individual members. Information about the survey was also shared through social media, for example, to reach researchers working in Finland who are not members of any learned societies.

The members of these societies represent the Finnish research community comprehensively, covering also different organisations,



Respondents to the survey Who Belongs to a Learned Society?

A total of 1,650 people answered the survey

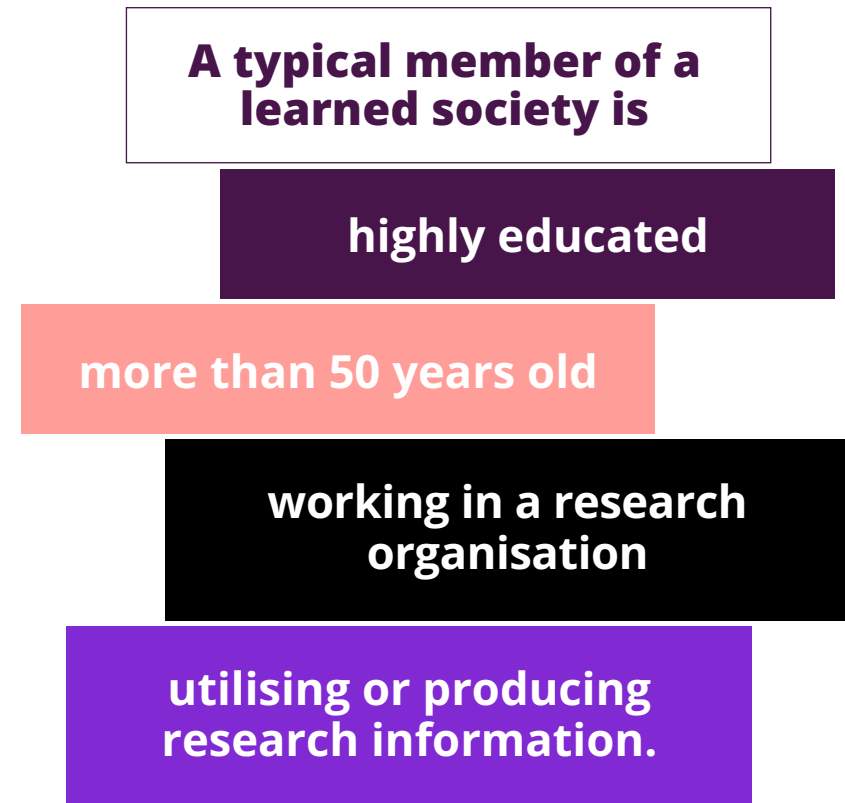
- more than 90 per cent of them were members of Finnish learned societies
- about a third were members of international societies
- from a total of 217 different learned societies
- about half of whom lived in Uusimaa.

educational backgrounds and age groups. Some of the key reasons for being a member of a learned society were networking and being part of a community. Other major reasons included the desire to gain new information about the discipline, promotion of research and professional development. Some discipline-specific differences were discovered in the reasons for belonging to a society and in the participation in their operations.

Even if not included in the key reasons for belonging to a learned society when asking the members themselves, scientific publication has major significance to the membership of learned societies. The survey respondents found it important that the societies help make research-based knowledge more understandable for the general public, communicate actively about their operations on social media, for example, and organise events.

The respondents also considered the promotion of responsible research a key duty of the learned societies. They viewed the openness of research-based knowledge, influence on science policy and society, the defending of researchers and the promotion of research integrity and responsible evaluation as significant areas of the societies' operations.

The survey also focused on the habits of research journal readers. The respondents considered both international and national research journals key publication channels. They usually read them in a digital format, but national journals are also read in print versions. Reading Finnish journals was particularly prominent in the humanities and social sciences. The fact that the publications of Finnish societies can now be read without membership was, however, an uncommon reason for giving up membership.



SERVICES OF THE FEDERATION OF FINNISH LEARNED SOCIETIES FOR LEARNED SOCIETIES

THE FEDERATION OF FINNISH LEARNED SOCIETIES offers diverse services to its member societies.

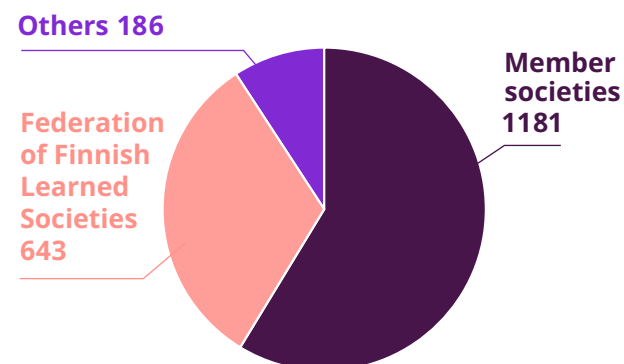
HOUSE OF SCIENCE AND LETTERS

The Federation of Finnish Learned Societies offers its member societies the chance to rent facilities for meetings or seminars at the House of Science and Letters in Kruununhaka. External parties can also rent the facilities.

In early 2022, the meetings were held in temporary facilities in the premises of the Aalto University in Etu-Töölö while the House of Science and Letters was being renovated. The operations returned to the House of Science and Letters in summer 2022. Six meetings rooms are available for rent in the renovated House of Science and Letters, the same number as in the Aalto University premises.

All in all, the meeting facilities at the House of Science and Letters and at Aalto University premises were used for 2,079.75 hours in total, on 174 different days. The member societies of the Federation of Finnish Learned Societies used the facilities most often on Tuesdays, Thursdays and Fridays. External parties used them most frequently on Thursdays and Fridays.

Users of the House of Science and Letters according to the hours used





BOOKSTORE TIEDEKIRJA

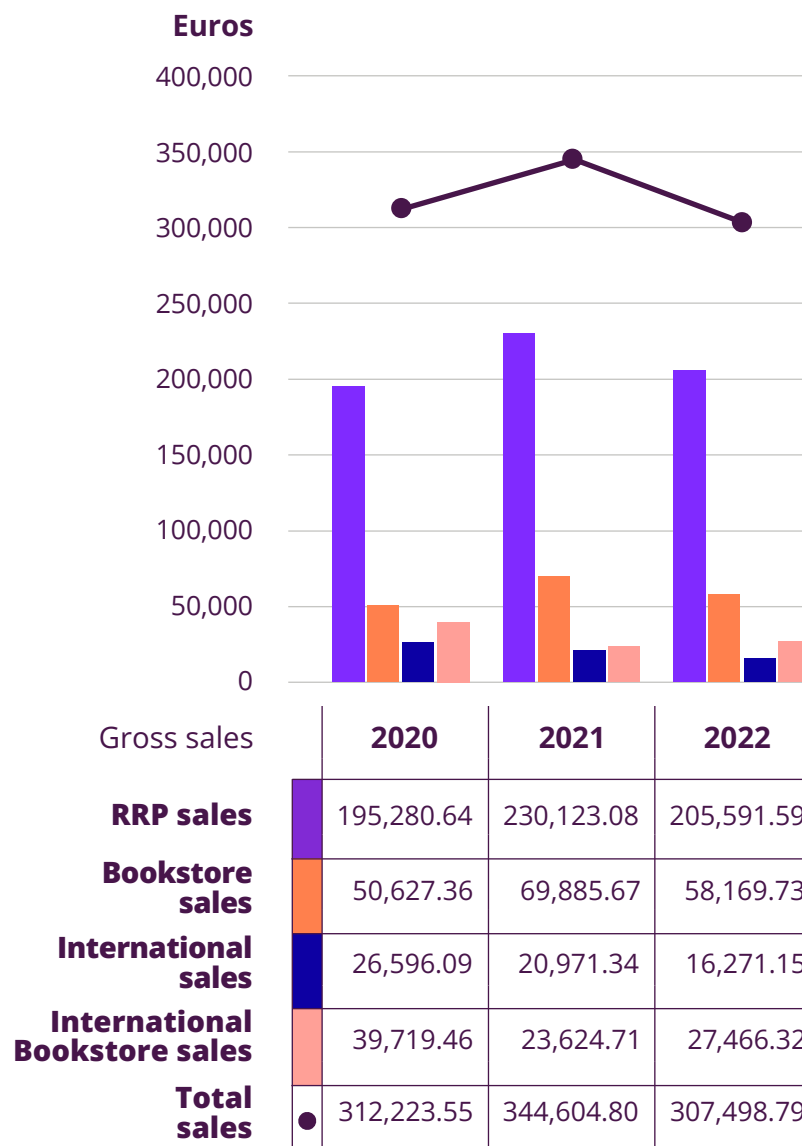
Bookstore Tiedekirja serves the member societies of the Federation of Finnish Learned Societies by distributing their books and other products. Annually, about 250 new titles are sold via Tiedekirja, along with the issues of dozens of research journals from more than a hundred different publishers. The members of learned societies receive member discounts from Bookstore Tiedekirja.

Sales in 2022 were at a good level. About EUR 300,000 were paid to learned societies as their share of the sales, which was 11 per cent less than in the previous year.

The selection of Bookstore Tiedekirja can be browsed in the Kruununhaka store and on its webstore. The accessible content of Tiedekirja's webstore and the new pick-up point service have served the customers well. About 10 per cent of all webstore orders were pick-up orders, which means that the customer came to pick the order up at the Federation of Finnish Learned Societies' Logistic Centre in Itäkeskus. The pick-up service connected to the Logistic Centre was launched the previous year.

The webstore has been developed constantly with the members' needs in mind. In 2022, preparations for a transition to a new version were made, and the search and filtering functions of the webstore were improved. Now, the webstore allows users to filter products based on their publisher, for example.

In the marketing operations of the publications, the focus was on social media marketing and campaigns. Tiedekirja also toured various events across Finland. In 2022, the fair team took part in events in Sastamala, Turku, Jyväskylä and Tampere. The bookstore also had its own stand at Helsinki Book Fair.



The bookstore's sales comparison of the member societies between 2020–2022.

IT AND ONLINE SERVICES

In 2022, 112 of the Federation of Finnish Learned Societies' member societies used its IT and online services. This number decreased some compared to the previous year, as 115 member societies used these services in 2021. A few new users began using the services during the year, while a few stopped using them.

A total of 104 learned societies used the paid online services, 50 of whom used a Drupal or WordPress platform provided by the Federation of Finnish Learned Societies on their websites. The use of a platform provided by the Federation was recommended to the member societies, as the pages on the platform are easy to update and the Federation of Finnish Learned Societies manages the required information security updates.

Most of Federation of Finnish Learned Societies' operations moved to the House of Science and Letters in the summer of 2022, which also increased the workload of the IT personnel during summer and autumn. The IT network of the House of Science and Letters was renewed at the end of the renovations. In connection to this, the base stations of the wireless network were replaced with more modern ones and their number was increased.

The installation project of the House of Science and Letters's audiovisual system was put out to tender early in the year, and the project was launched in the summer. Due to the constantly changing and poor availability of equipment, however, the system's handover was delayed to the end of the year. The new system allows for improved remote meeting services in all the meeting rooms of the House of Science and Letters.

The House of Science and Letters' premises booking system was also opened to competitive bidding towards the end of the year. The new booking system makes managing bookings easier and offers



The AV system of the House of Sciences was renewed in 2022.



*More than 500 new titles arrived
at the Logistic Centre in 2022.*

customers the chance to book the premises by themselves online. The system was ready for test use at the end of the year and was taken into use at the beginning of 2023.

In June, the Federation of Finnish Learned Societies held the first ever PKP Sprint event. In the two-day event, the participants took part in the development work of Open Journal Systems through several smaller programming and design projects. The system is used to publish scientific journals. The approximately 30 participants came to the event, mostly from Europe.

LOGISTIC CENTRE

The Logistic Centre of the Federation of Finnish Learned Societies is in the Iiris centre in Itäkeskus, Helsinki. It stores publications on behalf of about 150 different learned societies. One new society started storing its publications in the Logistic Centre in 2022.

In addition to this, the Logistic Centre manages the packaging and shipping of orders made through the Bookstore Tiedekirja, shipments of the Exchange Centre and other publication shipments of learned societies.

In 2022, the Logistic Centre processed 1,763 orders made through Bookstore Tiedekirja. The popularity of the printing and shipping services offered by the Logistic Centre decreased some in 2022 compared to 2021.

The warehouse inventory was carried out at the turn of March and April, and the audit of warehouse quota in May and June. During the year, 55 societies were included in the quota audits.

The numbers of package shipments from the Logistic Centre continued to grow, and 4,352 packages were sent over the year. Furthermore, a total of 13,551 shipments were sent out as letters. In total, 508 new titles arrived at the Logistic Centre.

EXCHANGE CENTRE FOR SCIENTIFIC LITERATURE

The Exchange Centre manages the international exchange of scientific literature published by Finnish learned societies and other bodies. The exchange of publications increases the visibility of scientific publications and promotes awareness of Finnish research around the world.

The transition of scientific publications from printed publications to open online publications has grown stronger, which has reduced the significance of the exchange of scientific literature. Libraries' acquisition policies also place preference on online publications, which reduces the demand for exchanges.

Nevertheless, the literature exchange numbers remain significant. In 2022, a total of 57 learned societies performed publication exchanges, covering 3,616 serial titles in total.

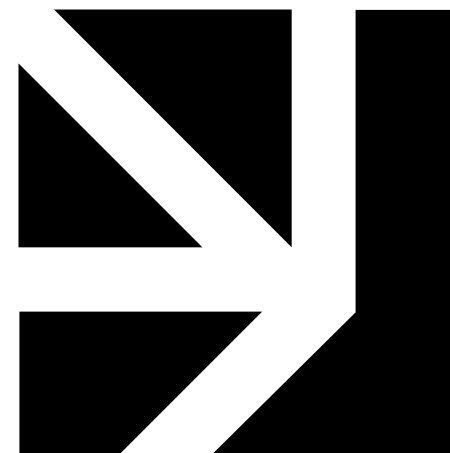
PEER-REVIEW LABEL

The peer-review label of the Federation of Finnish Learned Societies is intended for scientific publishers that wish to label their peer-reviewed books and articles. Publishers practising regular scholarly publishing operations in Finland can apply for the right to use the label. A total of 254 Finnish publication series and book publishers are using the label. In 2022, the peer-review label was granted to 16 publication series.

The peer-review label lets the reader know that the publication has been through a prereview performed by at least two independent experts. The objective of the label is to make the peer-review practices in the Finnish scientific publication field more cohesive and promote the transparency of the publications' qualitative evaluation.

Key figures of the Exchange Centre for Scientific Literature

	2022	2021	2020
Learned societies exchanging publications	57	56	59
Finnish publication series	128	128	133
Exchange partners	1 669	1 727	1 768
Series arrivals	3 616	3 701	3 758

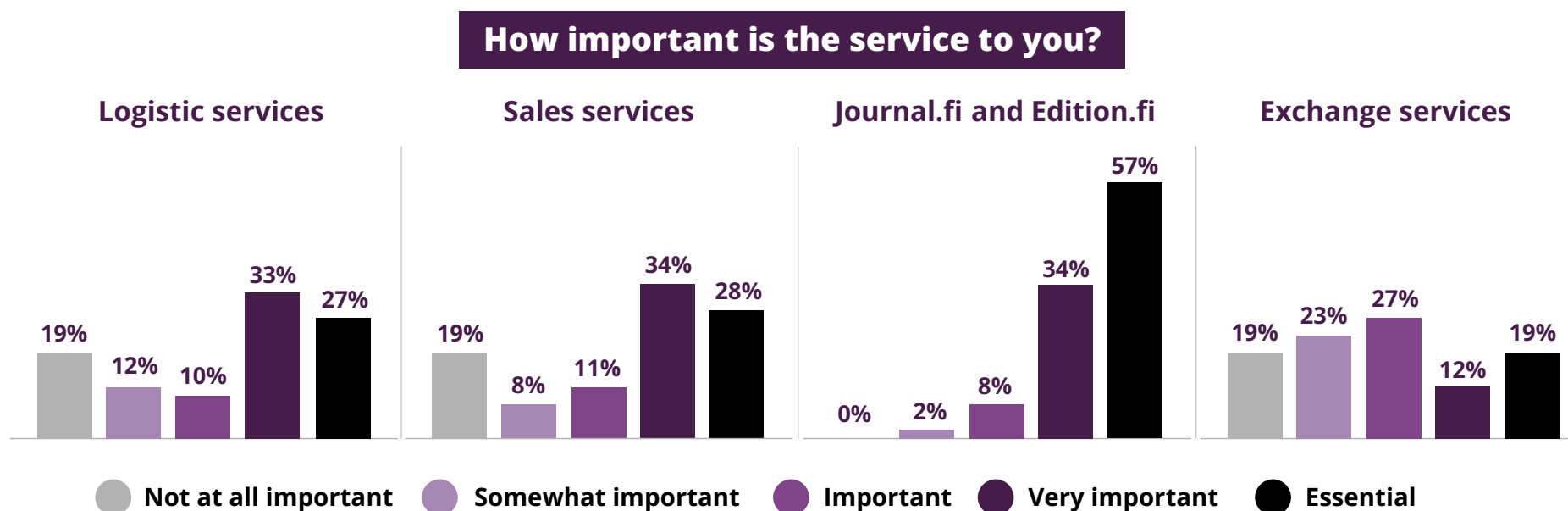


Peer-review label.

DEVELOPMENT OF PUBLISHING SERVICES

In spring 2022, the Federation of Finnish Learned Societies carried out a survey for its partners with a storage, sales or exchange agreement with the Federation and partners that use the *Journal.fi* service to write or publish their journal. The survey reviewed how important the Federation of Finnish Learned Societies' publishing services are to their users and how well these services work from their perspectives. Open feedback and development targets were also collected in connection with the survey.

The survey asked the respondents to assess the services provided by the Logistic Centre, Bookstore Tiedekirja, Exchange Centre for Scientific Literature and Open Access publishing separately from each other. The respondents gave grades on a scale from 1 to 5, where one was the worst grade and five the best. Overall, more than half of the respondents gave the highest grade to the efficiency of services, and more than half gave either the highest or the second highest grade to the significance of these services.



More than 40 percent of users of the services answered the survey.

Of all respondents, 60 per cent considered the services of the Logistic Centre essential (grade 5) or very important (grade 4) to their own operations. Of the respondents, 86 per cent felt that the services had worked very well (grade 5) or well (grade 4).

The services of Bookstore Tiedekirja were considered essential or highly important by 62 per cent of the respondents, and 64 per cent felt that they were very efficient while 24 per cent graded them as efficient.

The Open Access publishing services of the Federation of Finnish Learned Societies are *Journal.fi* and *Edition.fi*, and 91 respondents considered these to be essential or highly important services. They were assessed to be very efficient or efficient by 88 per cent of the respondents.

The Exchange Centre for Scientific Literature was considered highly important or essential by 31 per cent and important by 27 per cent of the respondents. In total, 72 per cent of the respondents assessed their services as having succeeded either very well or well.

OPEN SCIENCE COORDINATION IN FINLAND

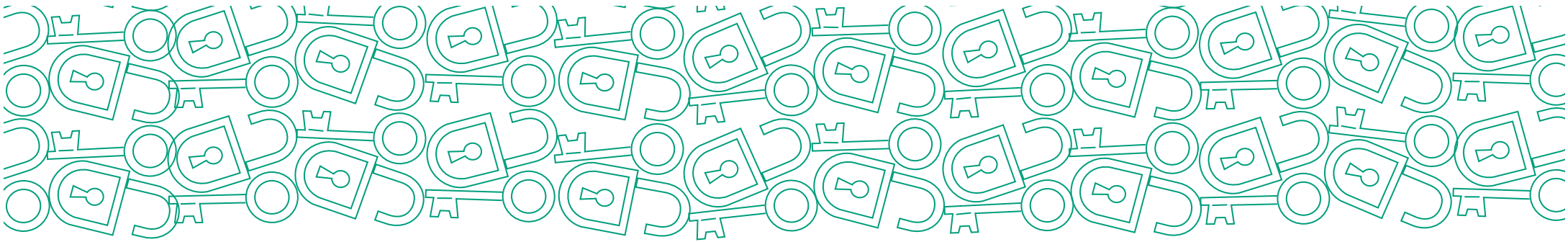
OPEN SCIENCE COORDINATION IN FINLAND was included in the operations of the Federation of Finnish Learned Societies in 2018. This means that 2022 was the fourth complete term of the Federation's open science coordination. During the year, the policy work related to open science was continued and the work for introducing the policies was also started by beginning the tracking of open science, creating the target architecture and compiling the risk analysis, for example.

The national coordination is guided by a steering group, and the National Open Science and Research Secretariat supports the steering group and coordinates the different actions. The National Open Science and Research Steering Group comprises members representing the senior management and highest decision-making bodies in their own organisations.

During the term 2021–2022, the chairperson of the steering group was Professor **Taina Pihlajaniemi** from the University of Oulu. The steering group held six meetings in 2022, and the composition of the third steering group starting its operations in 2023 was approved at their last meeting.

Expert Panels of Open Science and Research

Name of the panel	Members	Workgroups working under the Expert Panel
Culture for open scholarship	128	Peer support for the execution of policies and recommendations Terms of open science Support and services for citizen science Responsible evaluation and incentives Interaction with decision-makers and open administration
Open access to research data and methods	165	Policy component on open access to research methods Roadmap for the professional qualifications of a data management expert Service catalogue data model Guideline update for the management of sensitive research material Description instructions for research materials
Open access to research publications	137	Policy component to the open access to edited books and individual works Policy component to the open access to thesis works Reviewing the field of non-peer-reviewed publications (professional publications)
Open access to education	86	Communication and guidance Accessibility of open education Quality criteria of open education Responsible open education



The members of the research community can register as members of the expert panels of open science and research at their own discretion. There are four of these expert panels, which meet at least twice a year. The expert panels also appoint temporary workgroups for various roles.

The Open Science Summer Conference was organised by the Finnish Environment Institute (SYKE) and the Winter Conference by the University of Jyväskylä. The workshop days were held in February and October. A total of 446 people took part in the events. The Open Education Awards were granted for the first time during the Summer Conference and the National Open Science Awards for the fourth time in connection with the Winter Conference. Additionally, the Expert Award for Openness was granted during the autumn workshop.

Supported by the national coordinator, the research community draws up national policies and recommendations that support the goals of the declaration for open science and research, and also support achieving the objectives. The *Policy for Open Scholarship* and the *Policy Component to Open Access Learning and Teaching Practices* were completed in 2022. The drafting of the policy component related to the open availability of thesis works was also started during the year.

MONITORING AND COOPERATION OF OPEN SCIENCE

Monitoring of the Open Science and Research was conducted for the first time over the year. Moving forward, the monitoring action will be carried out regularly. Its purpose is to support the development work of open science by organisations that belong to the Finnish research community and follow up on and prove the achievement of goals agreed in the declaration and policies for open science and research. At the same time, it gives an overview of the state of openness of Finnish science and research.

The response rates to the first open science monitoring survey were very high: for universities, the response rate was 100 per cent, for universities of applied sciences also 100 per cent, and for research institutes 83 per cent. The results of the monitoring are available via the *Research.fi* portal.

National and international cooperation was also carried out as part of the coordination work. This was part of the European Council for National Open Science Coordination (CoNOSC) and the Finn-ARM cooperation network formed by institutions of higher education, which operates in the fields of research administration, research support and research services. The coordination was also part of Finland's European Open Science Cloud (EOSC) forum and the steering group for the Finna service.

PUBLICATION FORUM

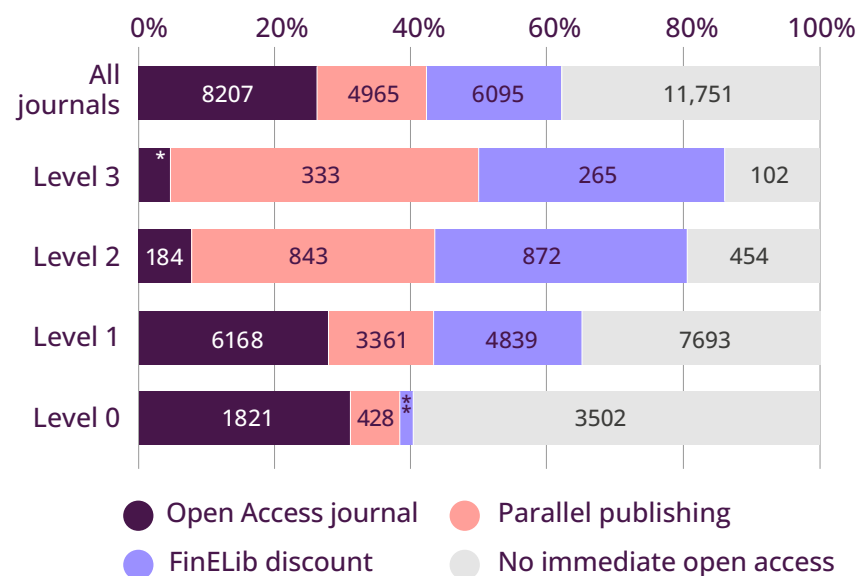
THE PUBLICATION FORUM (OR JUFO) has been providing a classification for scientific publishing series, conferences and book publishers since 2010. Since 2015, this classification has been used for the funding models of universities. In 2021–2024, 14 per cent of the base funding for universities will be allocated based on the number of publications and the Publication Forum classification based on their quality level.

A total of 35,000 publication channels from Finland and abroad have been evaluated in the Publication Forum. The evaluation is done by the Forum's Expert Panels, which re-evaluated the publications in level 2 and 3 classifications during 2022. The expert panels raised the level of 888 new publications to level 2 and 609 publications to level 3. They also decided to lower the classification level of 51 publication channels. The classification level 3 is the highest while level 0 is the lowest.

The Publication Forum maintains a JUFO portal, which the research community is utilising extensively and which allows for browsing the classifications of different publishing channels and making proposals. At the end of 2022, the portal had more than 9,800 registered users.

A total of 1,848 proposals for adding to or changing the content were received from the research community via the JUFO portal.

Realisation of open access by classification level



*34 **119

Further proposals regarding the publication channels were received via the VIRTa publication data service as a result of the publishing report of the Ministry of Education and Culture. A total of 1,903 new proposals for publication channels were received through this route, and 500 new publication channels were identified based on them.

PROMOTION OF OPEN SCHOLARLY PUBLISHING AND RESPONSIBLE EVALUATION

The JUFO portal also helps researchers discover and utilise the possibilities of open scholarly publishing. In spring 2022, information about publishing channels allowing for immediate open access was added to the JUFO portal. Additionally, information about parallel publishing and potential FinELib discounts related to the processing charges of certain publications is now available as new information. The requirements of research funders can also be checked through the JUFO portal with the Journal Checker Tool.

In 2022, the Federation of Finnish Learned Societies and Jisc executed a project with the aim of encouraging Finnish scientific journals to transparently register their open access publishing policy in the Sherpa Romeo service. A total of 44 people representing different science journals or publishers took part in the workshops held in 2022. As a result of this cooperation, 21 new Finnish journals were accepted into Sherpa Romeo, and by the end of the year, 91 Finnish journals and serials had registered in the service.

The JUFO secretariat was also the secretariat of the expert panel for Open Scholarship, which is one of the expert panels of the Open Science Coordination. The *Policy for Open Scholarship* was published under its guidance. Additionally, the JUFO secretariat is responsible for steering the Responsible evaluation and incentives workgroup established in autumn 2022.

The JUFO secretariat was also involved in various other expert roles and carried out research and review work regarding publishing operations, evaluation, open science and learned societies. The results were published in several peer-reviewed and other articles, written pieces and proposals.

In September 2022, the EU-funded DIAMAS project was started. Its objective is to promote the operational conditions and standards of non-profit open access publishing in Europe. Over the year, the secretariat also took part in the preparations of the infrastructure development project of open access publishing and responsible evaluation. The CRAFT-OA and GraspOS projects will start with EU funding at the beginning of 2023.

HELSINKI INITIATIVE ON MULTI-LINGUALISM IN SCHOLARLY COMMUNICATION

THE HELSINKI INITIATIVE ON MULTILINGUALISM in Scholarly Communication was published in April 2019. Its purpose is to encourage people to share research information to a wider audience than the research community, support national non-profit scientific publication channels and promote multilingualism in the evaluation and funding systems of research.

In Finland, the initiative was launched by the Federation of Finnish Learned Societies, the Committee for Public Information and the Finnish Association for Scholarly Publishing. Universities Norway (UHR) and the European ENRESSH COST framework of 36 different countries were also involved.

By the end of 2022, the Helsinki Initiative had been translated into more than 40 different languages and had been signed by nearly a thousand organisations and individuals in more than 70 countries. The goals in the Helsinki Initiative garnered international attention during the year.

PROGRESS OF THE HELSINKI INITIATIVE

An action plan for free open scholarly publishing was published under the leadership of Science Europe on 2 March 2020, promoting multilingual scientific communication (*Action plan for Diamond OA*). This

plan is supported by the EU-funded DIAMAS project that started in autumn 2022, in which the key objective is to improve the availability of research-based information in European languages in accordance with the Helsinki Initiative.

In a conclusion regarding open science and evaluation of research published on 10 June 2022, the European Union's Competitiveness Council stated the need to promote the multilingual scientific communication of European research results. Furthermore, the Council "welcomes initiatives to promote multilingualism, such as the Helsinki initiative on multilingualism in scholarly communication".

Multilingualism was also noted in the international Agreement for Reforming Research Assessment promoted by the European Commission, which was published on 20 July 2022. This agreement has been signed by more than 400 organisations that are all committed to valuing diverse research results regardless of the publishing language. The Helsinki Initiative is part of the agreement's tool selection.



COMMUNICATION

AT THE FEDERATION OF FINNISH LEARNED SOCIETIES, the work assignments of most of the employees include communication about their own expert duties. The organisation also has a communications department, which employed five people in 2022.

In addition to the communication department's members, the communication team also includes communication specialists from other units. The communication team handles topical communication matters and develops the communication structures of the organisations. The communication team met nine times over the year.

Additionally, the group of responsible research experts held meetings on a weekly basis. At these meetings, the participants discuss and agree on communication matters relating to responsible research and coordinate cooperation.

WRITING SERIES AND COMMUNICATION CAMPAIGNS

In April 2022, the social media channels of the Federation of Finnish Learned Societies and the Committee for Public Information promoted the *Tiede perinnöksi* (Science as Heritage) campaign. The campaign encouraged viewers to pass on their respect for research-based knowledge to following generations and pay attention to how research-based knowledge and the inventions developed with its help are an inseparable part of our daily lives. The campaign challenges older people in particular to share their everyday stories



The ambassador of the Science as Heritage campaign was actress Eija Vilpas. Photo: Pekka Kiirala.

Parties involved in the Science as Heritage campaign

the Federation of Finnish Learned Societies
the Committee for Public Information
the Finnish Union of University Professors
Finnish Education Employers (FEE)
the Rectors' Council of Finnish Universities UNIFI
the National Union of University Students in Finland
the Association of Finnish Foundations
the Finnish Union of University Researchers and Teachers (FUURT)
Suomen Tiedekeskukset, an association of Finnish science centres, serves as a partner

about the significance of science in daily life. The campaign ambassador was actress **Eija Vilpas**.

The funding of Finnish periodical literature has been a topic of discussion for a long time. Towards the end of the year, the secretariat of the Open Science Coordination and the Publication Forum began to publish a series of articles under the headline *Kotimaisten tiedelehtien tulevaisuus?* – the future of Finnish science journals. It reviews the current state and future prospects of science journals and shares the perspectives of different parties on how the funding of Finnish science journals could be secured. The series will continue into 2023.

PUBLICATIONS

The online publication series of the Federation of Finnish Learned Societies and the Responsible Research series moved to the *Edition.fi* service in the spring of 2022. The service maintained by the Federation of Finnish Learned Societies allows for Open Access publishing of monographs and article collections, and it is now also the publication platform for the Federation's publication series.

The Responsible Research series had seven new publications in Finnish in 2022, and translations into English and Swedish were produced for some of them. With all the different language versions included, twenty publications were produced in total. Three publications were published in the publication series of the Federation of Finnish Learned Societies in Finnish, resulting in a total of six publications with the translations included.

For the Responsible Research articles, 2022 was slower than previous years: three new articles were completed. By the end of 2022, a total of 275 Responsible Research articles had been published. Of these, 130 were published in Finnish, 55 in Swedish and 90 in English.

Publications in the Responsible Research series in 2022

- Policy for Open Scholarship (1:2022)
- Open science recommendation and checklist for research, development and innovation activities in collaboration between research organisations and companies (4:2022)
- Recommendation for citizen science (5:2022)
- The self-evaluation tool for culture of open scholarship services (6:2022)
- Monitoring model for open science and research – Principles and practices (7:2022)
- Open education and educational resources. National policy and executive plan by the higher education and research community for 2021–2025. Policy components 1 and 2 (16:2022)
- Citizen science guide for researchers (19:2022)

Publications of the online publication series of the Federation of Finnish Learned Societies in 2022

- Learned Societies and Responsible Research: A Report on the findings of a Federation of Finnish Learned Societies' Survey amongst Member Societies.
- A review on the training and cooperation hopes of the editorial staff of Finnish scientific publications.
- Who belongs to a learned society? A report on the findings of the membership survey among learned societies

DEVELOPING WORKPLACE COMMUNICATION

In 2021, three internal working groups for developing workplace communications were set up, with members from among the organisation's employees. Their operations continued in 2022.

The working groups focused on the development of workplace communications from different perspectives. Their objective has been to develop the work community's internal communication, enhance the community spirit and manage the development of the internal operational culture, especially for the House of Science and Letters in connection with the move.

The first working group focused on the tools of internal communication. During the year, the group compared and tested various case management solutions, and it was decided that the M365 system with the included instant messaging tool would be acquired for the organisation. These will be taken into use in 2023. The working group also started the reform of the intranet's structure and content, and this work will also be continued in 2023.

The reforms of internal communication tools aim to make internal workplace communications more efficient while also providing material that can be used to support the induction process for new employees. The case management solution reform will also modernise and unify the working platforms of the work community and the organisation's case management.

The second workgroup was given the task of developing the internal operational culture. Over the year, it put most of its focus on the move to the House of Science and Letters, which covered a large part of the personnel.

After the move in August, the workgroup defined how the personnel should use the shared facilities of the House of Science and Letters. The workgroup also reviewed the personnel's hopes for what



The old premises in Snellmanninkatu were cleared in the summer of 2022.

kind of equipment are needed for the house. The group will continue its work in 2023, reviewing how the personnel have adapted to the House of Science and Letters and what kinds of needs other locations of the Federation of Finnish Learned Societies have.

The third workgroup of workplace communication focused on building a sense of community. The workgroup planned and implemented the way the personnel produced a shared work community story. The story was built during the year through workshops offered to all the personnel. The external facilitators of the workshops were Åma and Great Minds.

PROMOTING THE RECOGNITION OF SCIENCE

THE FEDERATION OF FINNISH LEARNED SOCIETIES promotes the recognition of science in society in many ways, such as by publishing the journal *Tieteessä tapahtuu* (Science now), organising science events and granting awards.

TIETEESSÄ TAPAHTUU -JOURNAL

The *Tieteessä tapahtuu* journal (Science now) has been being published since 1983, which means that it celebrated its 40th anniversary in 2022. To honour the anniversary year, the journal held an event for its readers during the Night of Science in January 2022. During the event, **Kari Enqvist**, **Anna Mauranen** and **Uskali Mäki** spoke about the advantages of science.

In 2022, the journal *Tieteessä tapahtuu* also made a digital leap and started to be published as open access online journal. Additionally, its editorial, articles and reviews were published as a PDF journal available through the *Journal.fi* service. The appearance and the logo of the journal were also renewed when moving to the new digital journal. The new look was designed by graphics designer **Marko Myllyaho**. The printed journal was taken out of print and its customer register was deleted.

At its readers' request, the journal *Tieteessä tapahtuu* started publishing its own newsletter. Its subscribers are among the first to learn when new issues are coming out and about events held by the journal. The journal was also active on Facebook, Twitter and Instagram.

Key figures of the journal *Tieteessä tapahtuu* in 2022

**Number of views
online around
150,000**

Authors 114



**Published book
reviews of scientific
and non-fiction
literature**

40

**Published science
news articles**

96

Most popular articles published in journal *Tieteessä tapahtuu* in 2022

1. **Ahti Lampinen:** Criminal way of life – the self and worldview of a criminal at different stages of their career
2. **Jakke Neiro:** *Homo militaris* – the birth of belligerent humankind
3. **Pekka T. Heikura:** Dispute on the origins of syphilis remains unsolved
4. **Katariina Salmela-Aro:** The young are our future, but depression and burn-out are taking them out more often than ever before
5. **Leena Eräsaari:** Employment policy shows no mercy – sociologists study the personal stories of unemployed people
6. **Tommi Jantunen ja Päivi Rainò:** Sign languages – the black swan of linguistics
7. **Sami Pihlström:** On research funding, humanities education and the state of Finnish research
8. **Samuli Reijula:** Therapeutic speak is everywhere – A collection of articles studies its impacts on society
9. **Charlotta Wolff:** Responsible study of history
10. **Hannu Takala:** More detailed information about the move of a mass grave in Vyborg's Papula during the civil war



The appearance and logo of the journal *Tieteessä tapahtuu* were renewed in 2022.

The journal *Tieteessä tapahtuu* has a key position in sharing the views of the research community with the authorities, media and the wider public. It is also a major publisher of scientific and non-fiction literature reviews. The journal is a member of the Association for Cultural, Scientific and Advocacy Magazines (Kultti ry).

SCIENCE EVENTS

The Night of Science was held online on 20 January 2022. The initial idea was to organise the event as a combination of in-person and online events, but as the restrictions related to the Covid-19 pandemic grew stricter before Christmas 2021, the event was held fully online. Due to this, the new side event of the Science Forum, Tiedekioski, had to be postponed again after having been previously postponed by a year.

The live online broadcasts of the Night of Science had more than 5,200 views. Additionally, the recordings of the events were viewed more than 3,200 times on the Night of Science's online platform. The most popular online broadcasts were those given by the National Archives of Finland, the Finnish Literature Society in cooperation with the Kalevala Society, and the Genealogical Society of Finland.

The Science Clubs of 2022 were held in the Rosebud Sivullinen bookstore in Kaisaniemi. The Science Clubs addressed topics such as the influencing opportunities of young people, reading and research of classic literature, well-being in an aging society, mental images related to the Soviet Union, the relationship between games and religion, and the research of aesthetics. Learned societies were in charge

Events organised by the Federation of Finnish Learned Societies in 2022

Number of events in total	49
Programme targeted	
Primarily at member societies	4
Primarily at experts or another specific group	27
At everyone	18
Event format	
Online event	23
Hybrid event	6
In-person event	20
Number of participants	
Small (1–50 participants)	25
Medium-sized (51–200 participants)	16
Large (more than 200 participants)	8
How was the event organised	
By the organisation itself	24
In cooperation with a member society	6
In cooperation with operators outside the organisation	19

The Federation of Finnish Learned Societies held 49 events in 2022. More than half of these events were held in person, with some also as hybrid events that could be watched online. A significant number of the events were held online. About half of the events were organised in cooperation with a member society or other operators.



Kari Enqvist (on the left), Anna Mauranen (in the centre) and Uskali Mäki (on the right) participated in the discussion at the Rosebud Sivullinen bookstore during the Night of Science. The topic of the discussion was the benefits of science. Picture: Jaana Tihtonen.

of the clubs' programme. The discussions of Science Clubs were recorded into podcasts, excluding one that encountered technical difficulties.

The Science Forum theme for 2023, Beginning, was published during Turku International Book Fair on 1 October 2022, and a first snippet of the programme was heard. The science and research programme of Helsinki Book Fair was again presented at Tiedetori. The two-day Tiedetori (Science Market) was held on the Kruununhaka stage of the book fair on 27–28 October 2022. The programme reached more than 3,250 audience members. The Science Forum 2023 programme was published at Tiedetori.

Training events organised by the Federation of Finnish Learned Societies in 2022

Number of training events in total	42
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Training targeted

At member societies	14
At another stakeholder important to the operations	28

Format of the training event

Online training	37
Hybrid training	1
Training event in person	4

Number of participants

Fewer than 50 participants	42
More than 50 participants	1

How was the training organised

By the organisation itself	41
In cooperation with another operator	1

In 2022, the Federation of Finnish Learned Societies held 42 training events for member societies and other key stakeholders. Most of the training events were organised for editorial staff of journals published via the Journal.fi service or publishers using the Edition.fi service. The training sessions taught the participants more about the operation of the systems.



The science book of the year award was handed out at Aalto University in Töölö. The event was hosted by Kaisa Välimäki, a coordinator of the Forum for Environmental Information (on the left). The award was presented by a member of the Science book of the year award's jury, Professor Minna Kellomäki (second on the left), together with the jury's Secretary Ilari Hetemäki (on the right). One of the authors of the winning work, Petri Keto-Tokoi, accepted the award.

SCIENCE BOOK OF THE YEAR AWARD

The Vuoden tiedekirja science book award was granted to **Petri Keto-Tokoi** and **Juha Siitonen's** work *Puiden asukkaat – Suomen puiden seuralaislajit* (Gaudeamus 2021). The award, worth €25,000, was granted by the Finnish Association for Scholarly Publishing and the Federation of Finnish Learned Societies. The award was handed out at Aalto University in Töölö on 17 March 2022.

The work in question is a unique information package about Finnish forests and nature. It shares information about Finnish trees and their natural companions. News articles about the loss of biodiversity and habitats make the book a highly topical work.

The jury of the 2021 award comprised Professor **Minna Kellomäki**, University Lecturer **Mirkka Lappalainen** and Professor

Emeritus **Jan Sundberg**. The jury secretary was **Ilari Hetemäki**, the head of communications of the Federation of Finnish Learned Societies. This year the award's selection criteria focused on biodiversity.

The science book of the year award showcases high-quality Finnish literature based on scientific research. The award aims to encourage researchers to publish high-quality scientific books in Finnish or Swedish. The Finnish Association for Scholarly Publishing funds the award with copyright compensation from scientific publications collected by Kopiosto.

The Federation of Finnish Learned Societies was involved in the award process for the final time. Moving forward, the Finnish Association for Scholarly Publishing will be solely responsible for the award.

ORGANISATION AND PERSONNEL

THE FEDERATION OF FINNISH LEARNED SOCIETIES is a statutory corporation, the operations of which are governed by the Associations Act.

ORGANISATION

The highest decision-making body of the Federation is the annual meeting held twice a year. The decision regarding accepting new member societies and approving the previous year's management report and financial statement is made at the spring meeting. The new board members to replace those leaving their positions are elected and the management plan and budget for the following year approved at the autumn meeting. One representative of each member society authorised by their own society may attend the annual meeting.

The Covid-19 pandemic still had an effect on the meetings of the Federation and its member societies in early 2022. The spring meeting was held remotely on 17 March 2022, with 55 meeting representatives. The autumn meeting was held in the renovated House of Science and Letters on 21 September 2022, with 59 representatives present.

The board of the Federation of Finnish Learned Societies is in charge of drawing up and implementing the Federation's operating plan and budget. The board has 15 members. The office term of each



The Federation's autumn meeting was arranged face-to-face in the House of Sciences and Letters. Photo: Arno de la Chapelle.

member is three years, and five new members are elected every year to replace those whose term comes to an end. In 2022, Professor **Ulla-Maija Forsberg** held the position of the chairperson of the board, and **Cecilia af Forselles** (Ph.D) was the deputy chair.

The board establishes a working committee for each calendar year for the topics discussed by the board and for their implementation. The board will also appoint a support division for a three-year term, whose duty is to make proposals to the board of directors regarding policies related to publication and conference grants and the allocation of these grants based on applications.

In autumn 2022, the Ministry of Education and Culture initiated a review project agreed on by the Federation of Finnish Learned Societies, the Committee for Public Information and the Finnish National Board on Research Integrity. It reviewed the regulatory basis of and grounds for the operations and steering of the three organisations and the ministry, as well as the development needs related to improving the cooperation between the Federation of Finnish Learned Societies and the other two organisations. The final report of the review was completed in January 2023.

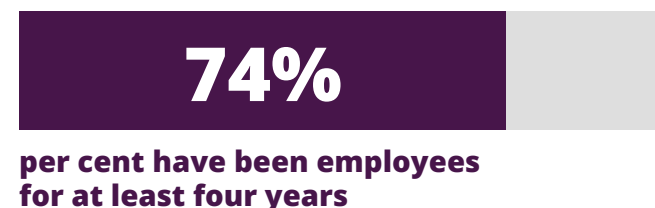
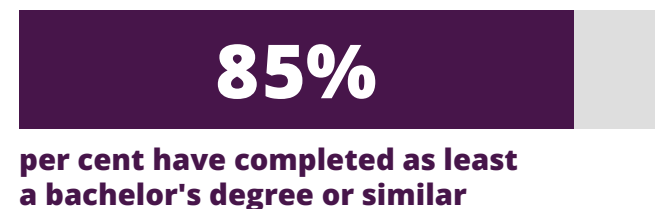
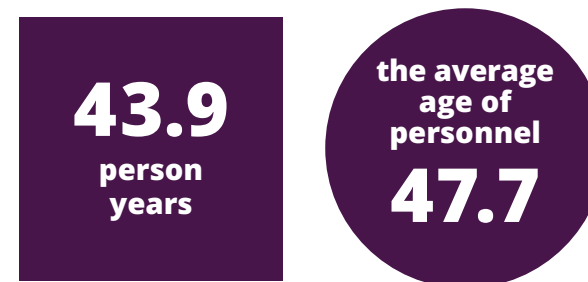
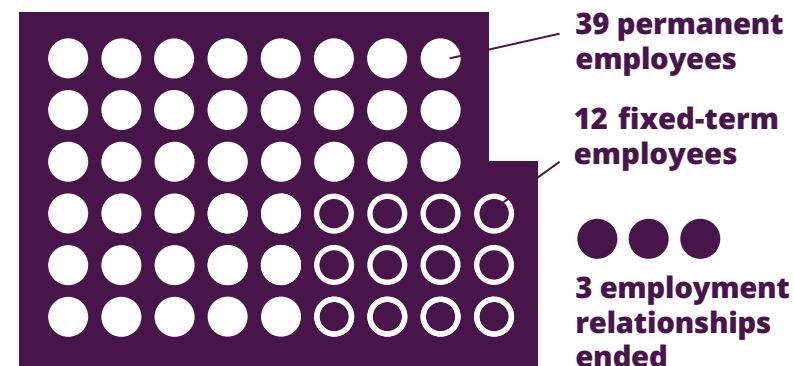
PERSONNEL

During the year, 41 people were in permanent and 9 in temporary fixed-term positions. The number of person years was 43.9 in total.

The restrictions related to the Covid-19 pandemic ended in March, after which employees continued to work partly remotely as allowed by their duties. They agreed on the arrangements with their own supervisor and team.

The weekly Zoom morning information sessions for staff were continued during the spring, with the preparations for the move to the House of Science and Letters as one of the themes. In spring 2022,

Key figures for personnel in 2022





it was agreed on how these morning information sessions would be continued after the move to the House of Science and Letters. Some of them will be continued to be held remotely, while some require the employees to be present at the House of Science and Letters.

An internal development group of workplace communication that was focused on operating culture carried out a survey in the spring targeted at personnel members moving to the House of Science and Letters. It reviewed the staff's working methods. Based on the survey results, the workgroup submitted a proposal on shared workstations. The workgroup also carried out tasks such as producing a set of rules of conduct for the work community for the House of Science and Letters and went through the staff's requests on what kind of equipment the building should have.

Work on compiling a work community story was started in April 2022. The process was coordinated by a second development workgroup on workplace communication, which aimed to enhance community spirit. All personnel had the chance to take part in creating the story in various workshops. The purpose of the work community story was to define together what the work community is like, what is it built on and what are its values.

In late 2022, the following description was decided on as our work community story: "The duty of our work community is to promote responsible research and distribute research-based knowledge. Our growing work community has expertise and long traditions. We want to be an evolving and renewing community with a great atmosphere."

FINANCE

THE FEDERATION OF FINNISH LEARNED SOCIETIES is a non-profit organisation. Its funding is mainly based on annual discretionary state subsidies granted from the profits of the Ministry of Education and Culture's gambling profits.

The general grant also includes the operating grants for the Committee for Public Information and the Finnish National Board on Research Integrity. The Federation of Finnish Learned Societies and the Committee for Public Information distribute out the special subsidies and grants allocated to them by the Ministry of Education and Culture and manage the State Awards for Public Information.

In its general grant decision, the Ministry of Education and Culture also requires the Federation to have its own revenue, which was €361,633.55 in 2022.

The Federation of Finnish Learned Societies took part in a national development project regarding state subsidies and carried out in 2022, as a member of both the follow-up group and the organisational division. The key themes of the organisational division were fundraising and its significance as part of the organisations' good financial management and the autonomy of organisations, its grounds and its meaning to Finnish civil society and democracy.

State subsidies 2022

- The general grant **€4,349,396**
- A special grant to be distributed out for the publishing activities of learned societies and international operations **€1,120,000**
- A special grant to be distributed out further for organising international conferences and national seminars **€820,000**
- Targeted grants to be distributed out for public information **€400,000**
- State awards to be distributed out for public information **€130,000**
- Discretionary subsidy 2020–2022, Communication cooperation and development project "Responsible research benefits society and citizens" **€295,000**

FINANCIAL IMPACT OF THE RENOVATION OF THE HOUSE OF SCIENCE AND LETTERS

In 2022, the Covid-19 pandemic did not have as much effect on operations and finances as during the two previous years.

Instead, the renovation of the House of Science and Letters and operating in the temporary facilities affected our finances, significantly reducing the revenue from rented facilities. On the other hand, the fact that the renovation was delayed by 1.5 months while the rental agreement with the temporary facilities was ended sooner than expected helped save on renting costs.

COMMITTEES

THE COMMITTEE FOR PUBLIC INFORMATION

The Committee for Public Information (TJNK), founded in 1972 with a state government decision, is a body of experts under the Ministry of Education and Culture, which tracks scientific, artistic and technological achievements in Finland and abroad, as well as the developments in other domestic and global information. In 2022, the committee celebrated its 50th anniversary.

TJNK operates independently in connection with the Federation of Finnish Learned Societies. The committee has 11 members. During the term 1 June 2021–31 May 2024, the committee is chaired by Professor **Esa Väliverronen** from the University of Helsinki and deputy chair is Managing Director **Liisa Suvikumpu** from the Association of Finnish Foundations. The other members of the Committee represent the Finnish fields of science, art and information sharing.

The objective of TJNK's operations is to promote the publication and use of research-based knowledge in society. This knowledge is produced through science and research, investigative journalism and other acquisition methods of reliable science. The Committee's work promotes the openness and accessibility of research-based knowledge, freedom of speech and expression, and citizens' trust and participation in science and research.

The state awards for information disclosure were presented at a reception in Restaurant Töölö's banqueting room. At the same time, the 50-year-old the Committee for Public Information was celebrated. Photo: Jaakko Lukumaa.



TJNK awards public information by compiling a proposal for State Awards for Public Information to the Ministry of Education and Culture. The Committee promotes the publication of new information by allocating public information grants. The availability of non-fiction literature with low circulation is promoted by taking part in compiling a purchase subsidy list for municipal libraries.

The State Awards for Public Information are granted for notable public information work in the fields of science, art and technology, which has increased the citizens' awareness and stimulated social dialogue.

In 2022, the State Awards highlighted the meaning of diverse knowledge and culture as one of the cornerstones of resilience during social crises. The Minister of Science and Culture **Petri Honkonen** granted nine State Awards for Public Information for exemplary work in public information in the ballroom of Restaurant Töölö on 13 September 2022. The 50th anniversary of the committee was also celebrated at the same time.

In his anniversary speech, Minister Honkonen highlighted the meaning of competence and education as resources of the future. Accessibility of research-based knowledge, diverse public information and multilingual science communication are key tools for building a competent society. Honkonen also highlighted the meaning of freedom of speech and research as cornerstones of democracy.

The Public Information Grants support diverse and regenerating, multichannel non-fiction writing and public information. At its meeting held on 23 August 2022, the Committee allocated a total of €400,000 in Public Information Grants. In 2021, the value of Grants was €570,000.

Of the Grants distributed in 2022, €290,000, or 73 per cent, was granted to non-fiction literature. In total, funding was granted to 42 non-fiction book projects. Additionally, three other non-fiction writ-



ing projects, two cooperation projects on public information, and 13 other public information projects were funded. Long-term working grants, intended for work carried out over six or eight months, were given to eight people. The committee evaluated 280 applications in total. The decisions were based on the comparisons between the applications and an overall evaluation. The grants are discretionary.

The Committee implements its expert role by compiling reports and recommendations and bringing up topical themes for discussion. The Committee is part of the communication partner network of responsible research. It participates in the cooperation between Nordic national-level scholarly communication operators and the implementation of the international Helsinki Initiative for multilingualism in scholarly communication.

FINNISH NATIONAL BOARD ON RESEARCH INTEGRITY TENK

The Finnish National Board on Research Integrity TENK is an expert body established by the Ministry of Education and Culture that promotes the responsible conduct of research and prevents research misconduct. The Finnish National Board on Research Integrity has extensive social responsibility for the ethicality and quality of research in Finland. The work of TENK aims to promote the recognition of responsible conduct of research (RCR) among researchers at different stages of their careers in all disciplines.

In 2022, the Finnish National Board on Research Integrity celebrated its anniversary, as it was established in 1991. The 30th anniversary celebration of TENK was held on 13 June 2022, and Head of the Research Ethics and Integrity Sector **Isidoros Karatzas** from the European Commission gave the celebratory address.

The Ministry of Education and Culture selected the new board for the term 1 February 2022–31 January 2025. Professor **Riitta Keiski** from the University of Oulu will continue as the chair, and Director **Sirpa Thessler** from the Natural Resources Institute Finland was selected as the deputy chairperson. The committee has a total of ten members and one permanent specialist. A research division for human sciences was established in connection to TENK, with Professor **Risto Turunen** from the University of Eastern Finland as its chair.

Upon request, TENK provides statements about the RCR processes performed in research organisations. In 2021, TENK received an exceptional number of statement requests, which it continued to work on in 2022. By the end of the year, the Finnish National Board on Research Integrity again had enough resources to respond to these requirements within the target schedule.

During the year, TENK gave 21 statements, two of which were related to an ethical review of human sciences research. Ten new statement requests were received. Similarly, higher education institutions and research institutes reported to TENK 31 new processes related to alleged RCR violations.

In 2022, TENK completed an update process started in December 2020, which renewed the Finnish National Board on Research Integrity's key guideline on research ethics, *Responsible conduct of research and procedures for handling allegations of misconduct in Finland* (RCR guidelines). During the update process, extensive feedback was collected about the old RCR guidelines and the draft of the new version (*The Finnish Code of Conduct for Research Integrity and Procedures for Handling Violations of Research Integrity in Finland*). An official statement request was published in November on the Lausuntopalvelu.fi service of the state government. Based on the statements received, the text of the new guideline was still being finished towards the end of the year. The new RCR 2023 guidelines will be published during the Etiikan Päivä ethics event in March 2023.

Since 2009, TENK has been coordinating ethical review in human sciences operations. In autumn 2022, it carried out a review of the potential need for a similar system in the fields of bio, environmental and natural sciences and technology research. Expert interviews were used as the basis of the review, along with a survey targeted at the learned societies of natural and environmental research.

Every year, TENK trains support persons of research integrity and organises discussion events on topical issues to the field's researchers and experts. The Etiikan päivä seminar on ethics was held together with the national boards of research integrity on 15 March 2022, focusing on international dimensions of research integrity.

Internationality has had a key role in TENK operations over recent years. In particular, it has worked closely together with the European Network of Research Integrity Offices (ENRIO). TENK's four-year term as ENRIO's chair ended at the organisation's annual meeting in Helsinki on 28 April 2022, but TENK's secretariat continued its active work in the organisation.

TENK has become a sought-after partner for international development projects on research integrity. TENK is involved in the EU's Horizon Europe project, PREPARED, which started in September 2022. The project's goal is to create ethics and integrity guidelines for research during crises, and the results of the work need to be taken quickly into use.

In spring 2022, TENK participated in the EU's Horizon Europe project application consortium BEYOND, which was granted funding for 2023–2025. The objective of BEYOND is to review factors that increase the risk of violations of responsible conduct of research and aim to create intervention models to mitigate these risks.



More information
about the work of the
**Finnish National
Board on Research
Integrity TENK**
and a more extensive
management report are
available on the board's
website: www.tenk.fi.

ANNEX 1

MEMBER SOCIETIES 2022

The member societies are listed according to the alphabetical Finnish name.

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
The Finnish Association for Aerosol Research	1983	1992	180
The Finnish Society for Research on Adult Education	1940	1984	265
The Acoustical Society of Finland	1943	1993	254
The Finnish Association for Alcohol, Drug and Gambling Research	1960	2008	~ 300
The Society for Regional and Environmental Studies	1970		64
The Finnish Vocational Educational Research Association	1992	1996	100
Anatomici Fenniae ry	1960	2019	106
The Society of Finnish Archivists	1947	1996	~ 320
The Aue Foundation	1985	2015	1
Bibliothecarii Medicinae Fenniae	1980	2008	~ 95
BirdLife Finland	1974	2005	1
The Finnish Society for Byzantine Studies	1981	1988	75
The Finnish Dendrological Society	1969	1984	1144
The Finnish Association for Research on Diaconia	2002	2007	758
The Donner Institute for Research into Religion and Culture	1959	2017	1
The Association for Progressive Policy in Finland	1972	2013	363
The Economic Society of Finland	1894	1982	462
The Finnish Society of Food Science and Technology	1947	1984	981
Entomologiska Föreningen i Helsingfors – Helsingin Hyönteistieteellinen Yhdistys	1919	1982	274
The Society for the Study of Ethnic Relations and International Migration (ETMU)	2003	2008	~ 250
The Society for European Philosophy	1993	2011	156
The European Law Association (in Finland)	1983	2015	253
The Finnish Bone Society	1989	2019	69
The Chemical Society of Finland	1891	1982	220

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
The Medical Society of Finland	1835	1899	1182
The Finnish Society of Sciences and Letters	1838	1899	403
Focus Localis ry	1971	1982	261
The Finnish Society of Physical Pharmacy	1988	2011	~ 120
The Physical Society in Finland	1947	1982	91
Föreningen för nordisk filologi	1932	1982	100
The Finnish Society of Geodesy and Photogrammetry	1931	1984	211
The Geophysical Society of Finland	1926	1982	212
Glossa, the Society for Medieval Studies in Finland	1996	2004	127
The Finnish Association for Administrative Studies	1981	1983	588
Ornithological Society of Helsinki and Western Uusimaa Tringa	1974	1982	3789
The Historical Association	1890	1989	~ 130
The Society of the Friends of History	1926	1982	1100
The Swedish Historical Society in Finland	1914	1982	372
The Finnish Association of Nursing Research	1987	1990	~ 1335
The Nursing Research Foundation	1965	1997	172
The Finnish Society for Hymnology and Liturgy	1996	2018	104
Iberialais-amerikkalainen säätiö sr (the Iberian-American foundation)	1992	2017	1
ICOMOS Finnish National Committee	1967	1994	177
The Finnish Air Pollution Prevention Society (FAPPS)	1976	1984	327
The Finnish Society for Study of Infectious Diseases	1966	1996	533
The Association for Information studies (AIS)	1979	1993	46
The International Fiscal Association, Finnish Branch	1967	1998	~ 228
The International Society for Orthodox Church Music (ISO CM)	2005	2019	184
The Law Society of Finland	1862	1982	~ 575
Jyväskylän Historiallinen Yhdistys (Jyväskylä historic society)	1962	2022	70
The Kalevala Society Foundation	1911	1982	443
The Finnish National Section of the International Institute of Administrative Sciences	1956		~ 50
The Finnish International Studies Association FISA	1993	1999	150

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
Karelian Theological Society	2003	2008	~ 127
The Finnish Karl Marx Society	1997	2010	151
The Finnish Plant Protection Society	1931	1982	945
The Finnish Society for Growth and Ageing Research	1980	1992	297
The Finnish Association for Business Administration	1931	1983	~ 400
The Finnish Society for Development Research (FSDR)	1986		100
The Finnish Society of Chemical Engineers	1970	1982	~ 500
The Finnish Literary Research Society	1927	1982	192
The Classical Association of Finland	1882	1982	80
The Consortium of Higher Education Researchers in Finland	1999	2010	~ 100
The Society for the Study of Finnish	1876	1982	564
The Society for Cultural Studies in Finland	2008	2009	171
The Society for Cultural Policy Research	2012	2018	101
The Society for Cultural Environment Studies	2014	2022	60
The Finnish Association of Consumer Research	2001	2006	40
The Society for Rehabilitation Research and Development (SRRD)	2003	2017	38
The Research Society of Lapland	1959	1982	180
Finnish Society for Childhood Studies	2008	2013	~ 85
The Transport and Traffic Planning Association	1974	2008	~ 131
The Finnish Society of Sport Sciences	1933	1982	1151
The Nature Conservation Association of South-West Häme	1951	1982	1346
The Finnish Society for Natural Philosophy	1988	1993	163
The Luther-Agricola Society	1940	1982	~ 78
The Finnish Society of Nuclear Medicine	1959		~ 300
The Finnish Society for Medical Physics and Medical Engineering	1968	1985	149
The Finnish Society for Rural Research and Development	1999	2012	219
The Finnish Society for Agricultural Law	1988	2004	37
The Finnish Mathematics and Science Education Research Association (FMSERA)	1983	2007	49
The Finnish Association for Media and Communication Studies	1974		224
The Finnish Society on Media Education (FSME)	2005	2011	247

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
The Finnish Society of Dairy Science	1937	1982	176
The Finnish Forest History Society	1994	2006	256
Mikael Agricola -seura (the Mikael Agricola society)	2006	2013	74
The Nordenskiöld Society in Finland	1939	1982	930
The Finnish Youth Research Society	1988	1993	~ 382
The Finnish Association for Legal and Social Sciences	1970	1988	242
The Teachers' and Researchers' Section / The Finnish Association of Translators and Interpreters	1988	2022	93
The Historical Society in Oulu	1933	1982	137
The Natural History Society of Oulu	1925	1982	441
The Historical Association of Northern Karelia	1975	2002	228
The Historical Association of Northern Finland (HANF)	1976	1982	~ 130
The Geographical Society of Northern Finland	1963	2001	75
The Nordic Association of Agricultural Scientists, Finnish Division	1918	1982	268
The Nordic Road Association (NVF), Finnish Division	1935	1984	170
The Finnish Society for Political Economy Research	2013	2021	52
Porthan-Seura	1936	1982	157
The Finnish Association of Communication and Social Interaction, Prologos	1989	2007	~ 195
The Finnish Association of Speech and Language Research	1963	1996	284
Rajapinta Association of Digital Social Sciences	2017	2022	296
The Finnish Society of Built Environment Research	1926	1982	~ 300
The Architectural Society	1955	1994	395
The Finnish Association for Structural Mechanics	1932	1984	56
Rakenteiden Mekaniikan Seura	1970	1982	178
Saksalainen kirjastoyhdistys – Tyska biblioteks- föreningen (the German library society)	1955	2005	~ 342
The Finnish Society for Matrix Biology	1973	2010	115
The Migration Institute of Finland	1974	2015	1
That Finnish Association of Sceptics	1987	1991	~ 1800
Societas biochemica, biophysica et microbiologica Fenniae	1945	1982	~ 500

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
Societas Gerontologica Fennica	1948	1992	260
Societas pro Fauna et Flora Fennica	1821	1899	527
The Finnish Social and Health Informatics Association	1974	2008	~ 108
The Society for Social Medicine in Finland	1968	1982	473
The Finnish Social Policy Association	1909	1982	241
The Finnish Society of Social Work Research	1998	2001	503
The Association for Gender Studies in Finland (SUNS)	1988	1989	286
The Finnish Lawyers' Society	1898	1982	1932
The Finnish Medical Society Duodecim	1881	1929	19500
The Finnish Theological Literature Society	1891	1982	433
The Finnish Academy of Science and Letters	1908	1909	798
Finno-Ugrian Society	1883	1899	~ 1010
The Finnish Literature Society, SKS	1831	1899	~ 2012
The Finnish Death Studies Association	2011	2017	49
The Finnish Chemical Society	1919	2000	2523
The Finnish Society for Eighteenth-Century Studies	2001	2008	147
The Finnish Association for Subject Didactic Research	2011	2016	94
The Brain Research Society of Finland	1973	1987	280
The Actuarial Society of Finland	1922	2000	~ 347
The Finnish Anthropological Society	1975	1982	~ 297
The Archaeoastronomical Society of Finland	2015	2022	35
The Archaeological Society of Finland	1982	1988	231
The Finnish Association of Architects, SAFA	1892	1985	3102
The Finnish Evaluation Society	1999	2012	200
The Foundation of the Finnish Institute in Athens	1983	1995	1
The Finnish Nuclear Society	1966	1982	728
The Finnish Society of Automation	1953		1450
The Concrete Association of Finland	1925	1984	760
Societas biologica Fennica Vanamo	1896	1932	1210
The Finnish Society of Biostatistics	1987	2010	~ 280
The Finnish Egyptological Society	1969	1982	447
The Finnish Exegetical Society	1938	1982	103
The Finnish Society for Cinema Studies	1985	1990	40
The Finnish Veterinary Association	1892	1982	2779

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
The Finnish Epidemiology Society	2000	2008	~ 130
The Finnish Society for Aesthetics	1972	1984	~ 100
The Finnish Society for Ethnomusicology	1974	1989	~ 67
The Finnish European Studies Association	1994	2019	80
The Finnish Pharmacological Society	1948	2002	~ 500
The Finnish Pharmaceutical Society	1887	1982	296
The Finnish Society for Philosophy and Phenomenological Research	1962		98
The Philosophical Society of Finland	1873	1982	373
Photonics Finland Society	1996	2004	308
The Finnish Physiological Society	1961	1982	230
The Finnish Physical Society	1947	1982	785
The Geological Society of Finland	1886	1982	908
The Pattern Recognition Society of Finland	1977	1983	250
The Finnish Dental Society Apollonia	1892	1959	~ 7250
The Heraldry Society of Finland	1957	2003	175
The Finnish Herpetological Society	1992	2016	~ 297
The Finnish Historical Society	1875	1899	752
The Entomological Society of Finland	1935	1982	~ 215
The Finnish Inverse Problems Society	1998	2015	173
The Finnish Oriental Society	1917	1982	298
The Finnish National Group of ISRM	1971	2018	88
The Finnish Society of International Law	1983	1988	212
The Finnish Folklore Society	1937	1982	144
The Association of Finnish Ethnologists Ethnos	1972	1982	221
The Finnish Cardiac Society	1967	1995	858
The Cartographic Society of Finland	1957	1984	113
The Finnish Society for the History of Education	1935	1984	61
The Finnish Educational Research Association (FERA)	1967	1982	491
The Finnish Society for Urban Studies	1999	2006	85
The Finnish Society for Celtic Studies (SFKS)	1991	1994	25
The Society for Medieval Archaeology in Finland	1990	1994	148
The Finnish Language Society	1929	1982	190
The Linguistic Association of Finland	1977	1983	~ 165
The Finnish Association for Real Estate Valuation	1978	1985	~ 180
The Society for the History of Books in Finland	1997	2012	104

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
The Finnish Society of Church History	1891	1982	423
The Finnish Society of Clinical Pharmacology	1994	2000	149
The Finnish Society of Clinical Chemistry (FSCC)	1946		451
The Finnish Laboratory Animal Science Association	1986	2008	~ 47
The Finnish Cognitive Linguistics Association	1999	2007	~ 72
Suomen Kriminalistiyhdistys – Kriminalistföreningen i Finland (the Finnish criminalist society)	1934	1982	~ 108
The Finnish Association of Municipal Engineering	1926	1983	608
The Finnish Society for Child and Adolescent Psychiatry	1956	2008	310
The Finnish Chiropterological Society	2002	2022	172
The Finnish Association for the Study of Obesity	1998	2016	173
The Finnish Association for Nature Conservation	1938	1982	28000
The Foundation of the Finnish Institute in the Middle East	1994	2003	1
The Finnish Society for the Philosophy of Medicine	1994	2004	86
The Finnish Medico-Historical Society	1961	1991	131
The Finnish Association for Medical Law and Ethics	1980	2002	110
The Geographical Society of Finland	1888	1899	~ 424
The Finnish Society of Soil Sciences	1971	2001	230
The Scientific Agricultural Society of Finland	1909	1982	395
The Finnish Mathematical Society	1868	1982	295
The Finnish Society for Tourism Research	2004	2013	89
The Finnish Maritime Archaeological Society	1995	2016	172
The Finnish Association for Maritime History	1963	1984	187
The Finnish Society of Forest Science	1909	1982	485
The Mineralogical Society of Finland	1957	1982	66
The Finnish Antiquarian Society	1870	1899	398
The Finnish Musicological Society	1916	1982	~ 160
The Finnish Neurological Society	1961	1995	~ 590
The Finnish Association of Adolescent Psychiatry	1977	1994	432
The Finnish National Section of the International Association for Philosophy of Law and Social Philosophy (IVR)	1977	1997	74

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
The Finnish Operations Research Society (FORS)	1973	1984	213
The Finnish Society for the History of Science and Learning	1966	1982	130
The Finnish Society of Pathology	1945	1982	200
The Finnish Patristic Society	2011	2017	65
The Finnish Society for Game Research	2016	2022	63
The Finnish Lepidopterologist Society	1955	1982	1000
The Finnish Psychiatric Association	1913	1982	1338
The Finnish Psycho-Analytical Society	1967	1982	178
The Finnish Psychological Society	1952	1982	527
The Society of Queer Studies in Finland	2004	2010	19
The Finnish Association of Civil Engineers RIL	1934	1984	6000
The Finnish Peace Research Association	1971	1982	162
The Finnish Society for Nutrition Research	1985	1989	617
The Finnish Bryological Society	1987	1990	78
The Finnish Society for Science Fiction and Fantasy Research	2013	2021	21
The Semiotic Society of Finland	1979	1988	89
The Finnish Mycological Society	1948	1982	~ 1530
The Society of Finnish Slavists	1964	1987	80
Suomen sosiaalipedagoginen seura (the Finnish social pedagogic association)	1997	2010	~ 100
The Association for Military History in Finland	1944	1982	~ 1151
The Finnish Commission of Military History	1954	1995	90
The Finnish Society of Military Sciences	1927	1982	~ 700
The Finnish Association of Applied Linguistics	1970	1982	287
The Genealogical Society of Finland	1917	1982	8700
The Finnish Society for Research in Art Education	1983	2015	60
The Economic History Society in Finland	1952		60
The Finnish Artificial Intelligence Society (FAIS)	1986	1990	200
The Finnish Society of Telemedicine and eHealth	1995	2008	240
The Finnish Association for Industrial Property Rights	1931	1982	~ 531
The Finnish Association of Science Editors and Journalists (FASEJ)	1985		835
The Finnish Research Library Association	1929	1982	~ 435
The Finnish Society for Science and Technology Studies	1985	1989	~ 124

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
The Finnish Statistical Society	1920	1982	~ 300
The Finnish Society of Toxicology	1979	1995	218
The Finnish Society for Tribology	1977	1984	58
The Finnish Association of Occupational Physicians	1946	1995	1600
The Finnish Astronomical Society	1969	1982	104
The Finnish Sleep Research Society	1988	2020	202
The Finnish Society for Sport History	1992	1996	134
The Finnish Society for the Study of Religion	1963	1982	120
Suomen valtiosääntöoikeudellinen seura ry (the Finnish association of constitutional law)	1982	2013	51
The Finnish Society of Disability Studies	2006	2015	76
The Early Childhood Education Association Finland	2003	2021	158
The Finnish Hypertension Society	1989	2012	439
The Water Association Finland	1969	1984	529
The Finnish Demographic Society	1973	1982	~ 60
The Finnish Colour Association	2002	2020	45
The Finnish American Studies Association (FASA)	1995	2013	40
The Finnish Society for Environmental Law (FSEL)	1980	1983	~ 446
The Finnish Peatland Society	1949	1982	~ 297
The Society of Swedish Literature in Finland	1885	1899	1120
The Swedish Society of School History in Finland	1949	1985	100
The Swedish Academy of Engineering Sciences in Finland	1921	1982	~ 201
Foundation Institutum Romanum Finlandiae	1938	1982	1
The Society for Art History in Finland	1973	1982	287
The Finnish Association of Co-operative Studies (Kooperaatiivi)	1984	2001	35
The Finnish Economic Association	1884	1982	825
The Historical Society of Tampere	1925	1982	~ 200
The Finnish Society for Theatre Research	2002	2007	64
Academic Engineers and Architects in Finland TEK	1896		72 000
The Finnish Society for the History of Technology	1926	1997	243
The Finnish Academy of Technology	1957	1982	419
The Engineering Society in Finland	1880	1985	4457

SOCIETY	YEAR OF FOUNDATION	APPROVED AS A MEMBER	MEMBER COUNT
The Finnish Journal of Theology	1966	2004	~ 953
The Finnish Society for Health Economics	1992	2000	100
The Society of Scientific Hypnosis in Finland	1959	2005	203
The Finnish Society for Scientific Information	1980	1983	84
The Finnish Society for Computer Science	1982	1984	~ 300
The Finnish Society for Futures Studies	1980	1984	660
The Zoological and Botanical Society of Turku	1923	1984	70
Turku Historical Society	1923	1982	261
The Society of Social and Economic Research in the Universities of Turku	1957	1984	142
The Finnish Association of Researchers	1976	2011	156
The Association of Working Life Research (FAWORE)	1991	1993	281
The Finnish Society for Labour and Social Security Law	1958	2005	~ 300
The Finnish Society for Labour History	1984	1989	276
Ursa Astronomical Association	1921	1982	18 293
The Modern Language Society of Helsinki	1887	1982	91
The Finnish Political Science Association (FPSA)	1935	1982	227
The Finnish Association for Russian and East European Studies	1989	1994	~ 200
The Westermarck Society	1940	1982	800
The Finnish Literature Society of Vyborg	1845	2019	184
The Finnish Curly Birch Society	1956	2005	376
The Finnish Society of Urban Planning	1959	1982	299
Finnish Society for Human–Animal Studies	2009	2014	100
The Finnish Society for Environmental Social Science	1994	1997	180
The Finnish Society for Environmental Sciences	1987	1989	~ 40
The Finnish Association for Impact Assessment	1994	2014	200

ANNEX 2

PERSONNEL 2022

Aittasalo, Minna	Expert, Finnish National Board on Research Integrity TENK
Arkoma, Dan	Temporary employee, Logistic Centre (starting from 3 October 2022)
Granroth, Tom	IT Specialist
Haapanen, Anne	Visual Designer
Hadjиков, Alexander	Building Coordinator
Hetemäki, Ilari	Head of Communications (until 31 November 2022)
Huldin, Mikko	IT Analyst
Jauhiainen, Ilmari	Planning Officer
Jokinen, Sami	Warehouse Manager
Juntunen, Ari	Store Manager
Kaarela, Tiina	Journalist (until 31 August 2022)
Kaila, Eero	Expert, Finnish National Board on Research Integrity TENK (starting from 11 November 2022)
Kari, Marita	Expert, Open Science Coordination in Finland (starting from 1 May 2022)
Karlsson, Jonni	Planning Officer, Open Science Coordination in Finland (starting from 8 August 2022)
Kesäniemi, Joonas	Temp. Expert, Publication Forum and Open Science Coordination in Finland (1 February–31 December 2022)
Kettunen, Reetta	Secretary General, Finnish National Board on Research Integrity TENK
Kivipuro, Kaisa	Dep. Head of communications (starting from 1 December 2022), communication and event coordinator
Kohonen, Iina	Expert, Finnish National Board on Research Integrity TENK (on leave of absence starting from 1 February 2022)
Koivisto, Elina	Temp. Planning Officer, Open Science Coordination in Finland (until 31 March 2022)
Kumlin, Satu	Head of Finance
Laakso, Mikael	Senior Specialist, Publication Forum (starting from 1 September 2022)
Laatikainen, Jani	Head of Information Management
Lahdenperä, Hanna	Planning Officer, Open Science Coordination in Finland
Lahtonen, Suvi	Expert, Committee for Public Information (starting from 8 August 2022)
Lappi, Eija	Marketing Designer
Late, Elina	Researcher, Publication Forum (until 31 October 2022)
Launis, Veera	Temp. Expert, Finnish National Board on Research Integrity TENK (1 July–31 December 2022)
Linna, Anna-Kaarina	Information Specialist, Publication Forum (starting from 2 May 2022)
Lönngrén, Lena	Publishing Assistant

Mustajoki, Henriikka	Secretary General, Open Science Coordination in Finland (on a leave of absence starting from 1 August 2022)
Nygård, Antti-Jussi	Planning Officer
Pakarinen, Hannele	Information Specialist (on a leave of absence starting from 7 November 2022)
Pere, Jan	Custodian
Pusa, Minna	Warehouse Manager (until 20 June 2022)
Pylvänäinen, Elina	Planning Officer, Publication Forum
Pölönen, Janne	Secretary General, Publication Forum
Ranta, Ella	Temp. Communications Intern (starting from 3 October 2022)
Rastas, Anni	Temp. Intern, Open Science Coordination and Publication Forum (1 September–31 December 2022)
Reiss, Kaisu	Office Secretary
Rodriguez Tello, Pablo	Assistant Custodian (until 31 July 2022)
Rodriguez Carrillo, Antonio	Customer Service Manager
Ryynänen-Karjalainen, Lea	Executive Director
Sairio, Anni	Coordinator, Finnish National Board on Research Integrity TENK
Siitonen, Kirsi	Science Secretary
Spoof, Sanna Kaisa	Secretary General, Finnish National Board on Research Integrity TENK
Strien, Georg	Head Librarian
Suominen, Elina	Administrative Assistant
Suvanto, Annu	Temp. Communications Intern (until 31 January 2022)
Syrjämäki, Sami	Head of Publications
Taavila, Päivi	Temp. Information Specialist (starting from 7 November 2022)
Tarkiainen, Terhi	Planning Officer, Finnish National Board on Research Integrity TENK and Committee for Public Information (on leave of absence until 31 August 2022)
Tervonen, Jouko	Logistic Centre Manager
Vainiomäki, Meri	Planning Officer, Committee for Public Information
Valtonen, Kari	Sales Secretary
Vermilä, Mandi	Senior Event Producer
Videnoja, Kalle	Coordinator, Finnish National Board on Research Integrity TENK
Vuokko, Taina	Chief Editor, Journal <i>Tieteessä tapahtuu</i>



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