

Annual Report 2024

**Faculty of Forestry and Wood Sciences
Czech University of Life Sciences in Prague**

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High-tech pavilion

1

Introduction

1 Dean's introductory words



In 2024, activities of the Faculty of Forestry and Wood Sciences (FLD) continued fulfilling the strategic plan for the development of the Faculty for 2021+.

In educational activities, we are focussed in the long term on constant modernization of the educational environment, plenty of practical exercises in the field, and close cooperation with practice. Teaching is regularly complemented by lectures given by both experts from practice and from abroad. As part of improving the quality of educational activities, we support students on a long-term basis through an extensive scho-

larship programme, which includes a scholarship for first years, a merit scholarship, a scholarship for young researchers who are involved in work in the departments beyond the scope of their study duties, and Dean's awards for excellent results in study or for high-quality of bachelor's and diploma theses.

The Faculty was active in preparing Blended Intensive Programmes (BIP) and summer schools. One BIP within the Erasmus+ programme was organized at our Faculty and one in cooperation with Poznań University of Life Sciences, Poland. In cooperation with the University of Padua, a summer school for FLD students took place in Italy. Despite intensive support and motivation for students and staff, individual mobility has not changed significantly. However, 2024 was important mainly in terms of an increased number of visits by foreign academic and research staff.

The Faculty's priority has been increasing the share of quality outputs in the form of scientific publications in the Nature Index category, in journals of the first decile, the first two quartiles, and outputs applicable in practice. I am pleased to say that in 2024, the total of 265 publications registered in the Web of Science database was again sur-

passed due to the implementation of Faculty support programmes for excellent science, the motivation of staff and PhD students, quality application outputs, popularization of science, and the transfer of scientific results into teaching. The quality of outputs is evidenced by the low proportion (9%) of publications in the third and fourth quartiles. There was also a significant increase in the share of publications where the first author is from our Faculty, the Faculty has more than half the number of authors in the team of authors, as well as the number of publications created in cooperation with a foreign institution.

Project activity in 2024 was also positive; a total of 61 research and educational projects were implemented at the Faculty, of which 21 were international. A major success is the new HIVE project, which was awarded to the Faculty under the ERA Chairs call of the Horizon Europe programme; for FLD, the HIVE project represents a significant achievement.

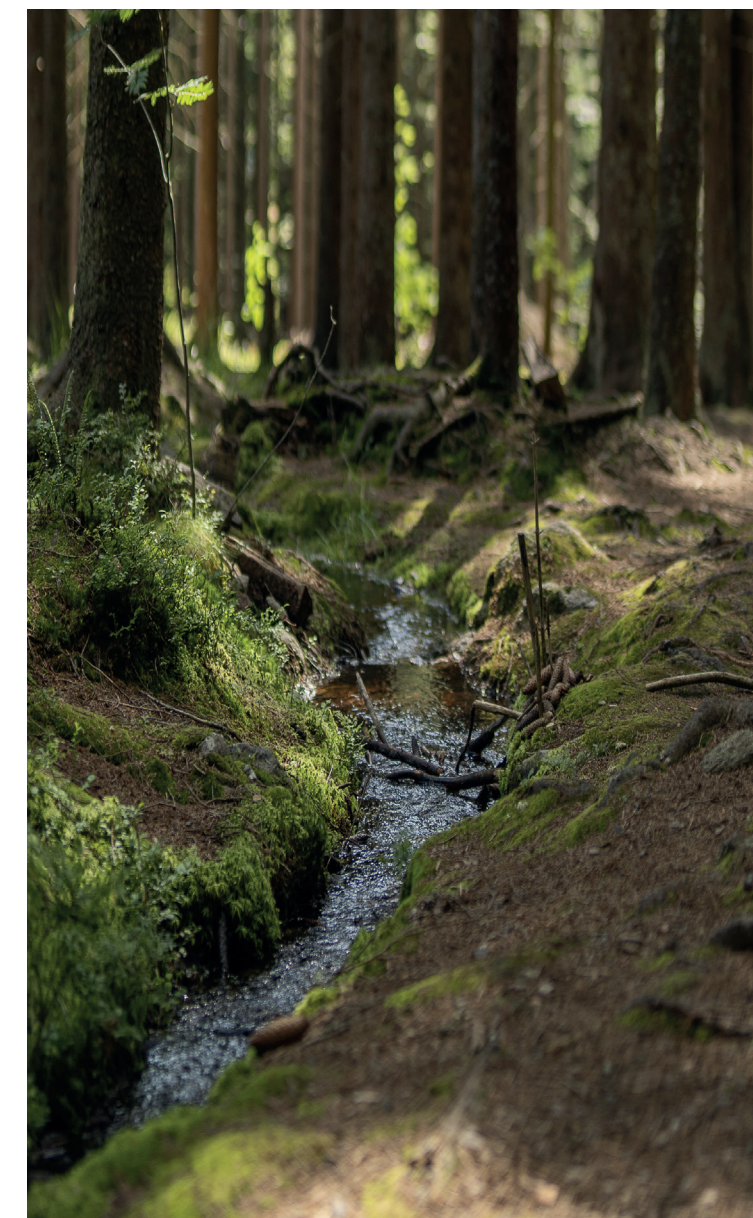
The Faculty was also active in its social life and continued the tradition of organizing FLD Family Day, the Christmas concert, and publishing the Faculty newsletter. We organized or co-organized a number of events where we promoted our studies, science, research, and other Faculty activities. In 2024, we participated in the organization and co-organization of international scientific meetings and conferences.

In an effort to help promote the local use of wood and to provide learning and com-

munity spaces for our Faculty's students, preparation for the construction of a wood building called Lesovna (the Forest House) was initiated in 2024.

prof. Ing. Róbert Marušák, PhD.

Dean





Basic FLD data

2

2 Basic FLD data

Full name and address of the Faculty

Full name
Faculty of Forestry and Wood Sciences
Czech University of Life Sciences in Prague

Faculty address
Czech University of Life Sciences in Prague
Faculty of Forestry and Wood Sciences
Kamýcká 129
165 00 Praha – Suchdol

Commonly used abbreviations
FLD ČZU
FLD
FLD CZU (in English)
FLD (in English)

Organization chart and structure of FLD



Composition of the Academic Senate, the Scientific Board and the FLD Management

FLD Academic Senate

Academic staff

doc. Ing. Lukáš Bílek, Ph.D.
Ing. Ondřej Dvořák, Ph.D.
Ing. Miloš Ježek, Ph.D.
Ing. Roman Modlinger, Ph.D.
doc. Ing. Oto Nakládal, Ph.D.
Ing. Bc. Petra Palátová, Ph.D.
doc. Ing. Vítězslava Pešková, Ph.D.
doc. Ing. Peter Surový, PhD.

Students

Ing. Benjamín Petržela
Ing. Tereza Hüttnerová
Ing. Samuel Gavaľa, [do 27. 5. 2024](#)
Ing. Kryštof Kubista, [od 28. 5. 2024](#)
Bc. Josef Michna

FLD Scientific Board

Internal members – FLD employees

prof. Ing. Róbert Marušák, PhD.
prof. Ing. Jaroslav Červený, CSc.
doc. Ing. Roman Dudík, Ph.D.
doc. Ing. Miroslav Gašparík, PhD.
prof. RNDr. Tomáš Hlásny, PhD.
prof. Ing. Jaroslav Holuša, Ph.D.
doc. Ing. Martin Jankovský, PhD.
prof. Ing. Vilém Jarský, Ph.D.

doc. Ing. Tomáš Kušta, Ph.D.
prof. Ing. Milan Lstibůrek, MSc., Ph.D.
doc. Ing. Vítězslava Pešková, Ph.D.
prof. Ing. Vilém Podrázský, CSc.
prof. Ing. Jiří Remeš, Ph.D.
doc. Ing. Monika Sarvašová Kvietková, PhD.
doc. Ing. Peter Surový, PhD.
prof. Ing. Miroslav Svoboda, Ph.D.

Internal members – other CZU

faculties and workplaces

doc. Ing. Zdeněk Aleš, Ph.D.
prof. Ing. Josef Hakl, Ph.D.
prof. Ing. Martin Hanel, Ph.D.
Ing. Roman Kvasnička, Ph.D.
prof. Ing. Bohdan Lojka, Ph.D.

External members

Ing. Ambrož Robin, Ph.D.
Ing. Arnošt Buček
prof. Ing. Marek Fabrika, PhD.
prof. Ing. Libor Jankovský, Ph.D.
Ing. Tomáš Krejzar, Ph.D.
Ing. Jaroslav Kubišta, Ph.D.
Ing. Tomáš Lukeš
Ing. Petr Ptáček, Ph.D.
Ing. Dalibor Šafařík, Ph.D.
doc. Ing. Vít Šrámek, Ph.D.
doc. Ing. David Veselý, PhD.

Management of the Faculty of Forestry and Wood Sciences

Dean

prof. Ing. Róbert Marušák, PhD.

Vice-Deans

Ing. Radek Rinn, Ph.D.
First Vice-Dean, Vice-Dean for Strategy, Development, and International Relations

doc. Ing. Tomáš Kušta, Ph.D.
Vice-Dean for Science, Research, and Doctoral Studies

Ing. et. Ing. Markéta Kalábová, Ph.D.
Vice-Dean for Education

Ing. Radim Löwe, Ph.D.,
Vice-Dean for External Relations

Secretary

Ing. Martin Prajer, Ph.D.



Educational activities

3

3 Educational activities

Educational activities are one of the main priorities of the Faculty of Forestry and Wood Sciences. Long-term emphasis is placed on modernization of the study environment, the link to cooperation with practice, and practical training in the field. Teaching is regularly supplemented with lectures by experts from both the Czech Republic and abroad; students can thus not only learn from renowned scientists at the Faculty, but also from experts from various walks of life.

Admission exams at FLD took place at the beginning of June 2024 according to plan. Each study programme has a set criteria for selecting students. Foreigners applying for Czech-taught study programmes must have an extra interview in Czech, and applicants for English-taught study programmes must have an extra interview in English. Interviews for English study programmes could be conducted online.

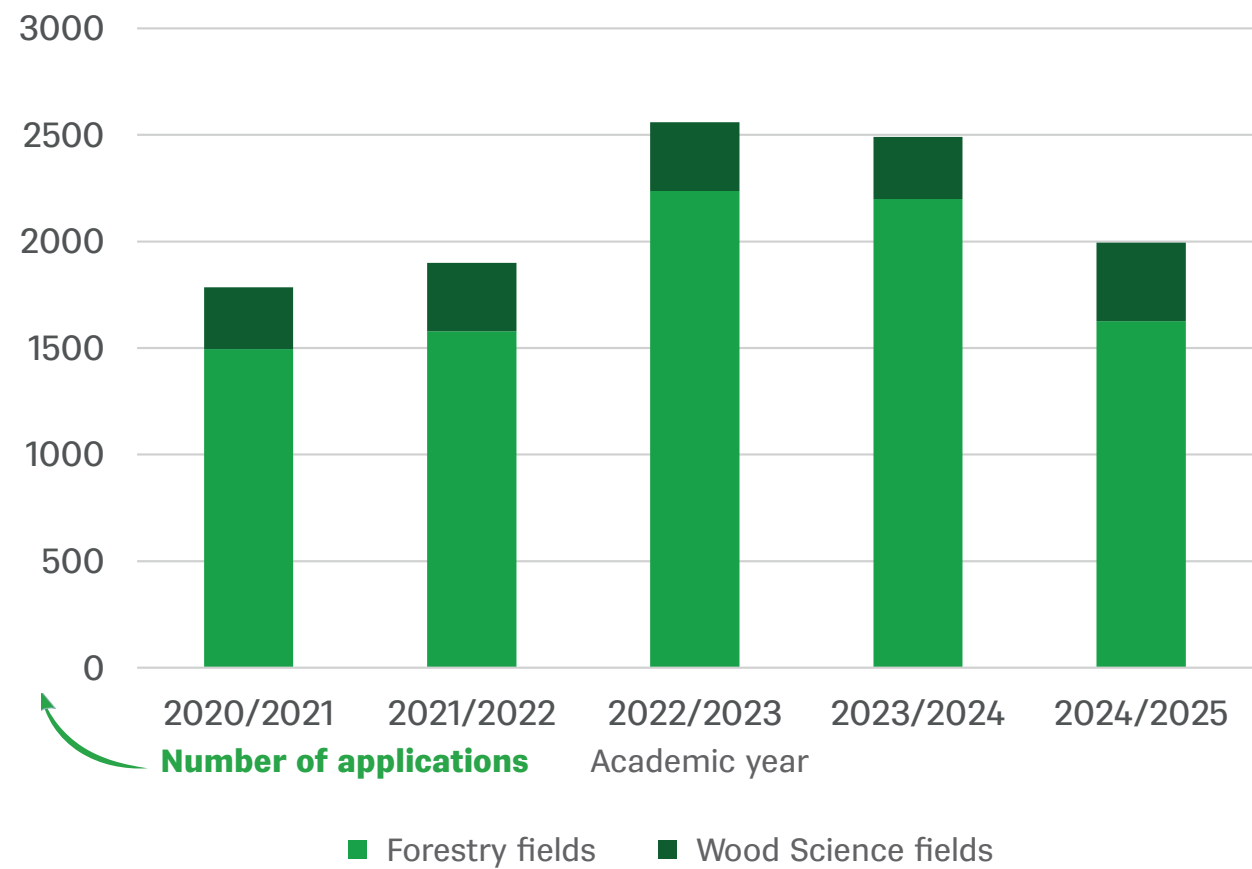
A total of 1,994 applications were submitted in the two application stages, with the predominance of interest in forestry study programmes. 24% were applications from abroad. 37% of applications were submitted by women, 63% by men. Based on the admission conditions, 1833 students were accepted for study, of which 863 were subsequently enrolled in the study, which was the Faculty's aim.

Number of male and female students for bachelor's and master's studies in 2024

Female students make up 35% of the total number of students at the Faculty. The share is similar for both full-time and part-time forms of study. The highest share of female students in the total number has long been recorded for the study programme Conservation of Natural Objects and Taxidermy (74%). The number of female students is also higher in the Game Management and Wildlife Conservation programme (42%). The lowest number of female students is recorded in the Wood Technology study programme (13%).



Development of the number of applications to study at FLD over the last five years



As of 31 October 2024, a total of 1,662 students were studying at FLD, of which 1,352 were in bachelor's and 310 in master's degree fields of study and programmes. The state final exams took place at the turn of May and June. A total of 258 students successfully completed their studies, of which 162 were in bachelor's and 96 in master's degree programmes. The success rate at the final state exam was 88.4%, with 30% of students finishing with Grade A. 12% of students finished their studies with merit. The employability of FLD graduates on the labour market has been almost 100% in the long term.

STUDY PROGRAMMES OFFERED IN 2024



The aim of the Faculty of Forestry and Wood Sciences is to educate experts with independent critical thinking. The emphasis is placed on graduates being able to use the newest scientific research knowledge of the Faculty and successfully apply it in practice. Studying is therefore designed not only to prepare students theoretically, but also to guide them to actively use the acquired knowledge and skills in a real professional environment.

BACHELLOR STUDY PROGRAMMES

FORESTRY | specialization **Forest Ecosystems Protection and Silviculture** (in Czech, full-time/part-time)

FORESTRY | specialization **Economics and Management of Forestry** (in Czech, full-time/part-time)

WOOD TECHNOLOGY | specialization **Business in Woodworking and Furniture industry** (in Czech, full-time/part-time)

WOOD TECHNOLOGY | specialization **Wood processing** (in Czech, full-time)

GAME MANAGEMENT AND WILDLIFE CONSERVATION (in Czech, full-time/part-time)

CONSERVATION OF NATURAL OBJECTS AND TAXIDERMY (in Czech, full-time)

SYSTEM ARBORICULTURE (in Czech, full-time)

FORESTRY | specialization **Forest Ecosystems Protection and Silviculture** (in English, full-time)

MASTER STUDY PROGRAMMES

FOREST ENGINEERING (in Czech, full-time/part-time)

WOOD ENGINEERING (in Czech, full-time/part-time)

TIMBER CONSTRUCTIONS AND STRUCTURES BASED ON WOOD (in Czech, full-time)

FOREST SCIENCE IN GLOBAL CHANGE (in English, full-time)

FORESTRY, WATER AND LANDSCAPE MANAGEMENT (in English, full-time)

DOCTORAL STUDY PROGRAMMES

APPLIED GEOINFORMATICS AND REMOTE SENSING IN FORESTRY (in Czech/English, full-time/part-time)

FIRE PROTECTION OF FOREST, TIMBER, AND WOOD-BASED MATERIALS (in Czech/English, full-time/part-time)

FOREST BIOLOGY (in Czech/English, full-time/part-time)

ECONOMICS AND MANAGEMENT OF FORESTRY AND WOOD INDUSTRY (in Czech/English, full-time/part-time)

FOREST MANAGEMENT (in Czech/English, full-time/part-time)

FOREST PROTECTION AND GAME MANAGEMENT (in Czech/English, full-time/part-time)

SILVICULTURE (in Czech/English, full-time/part-time)

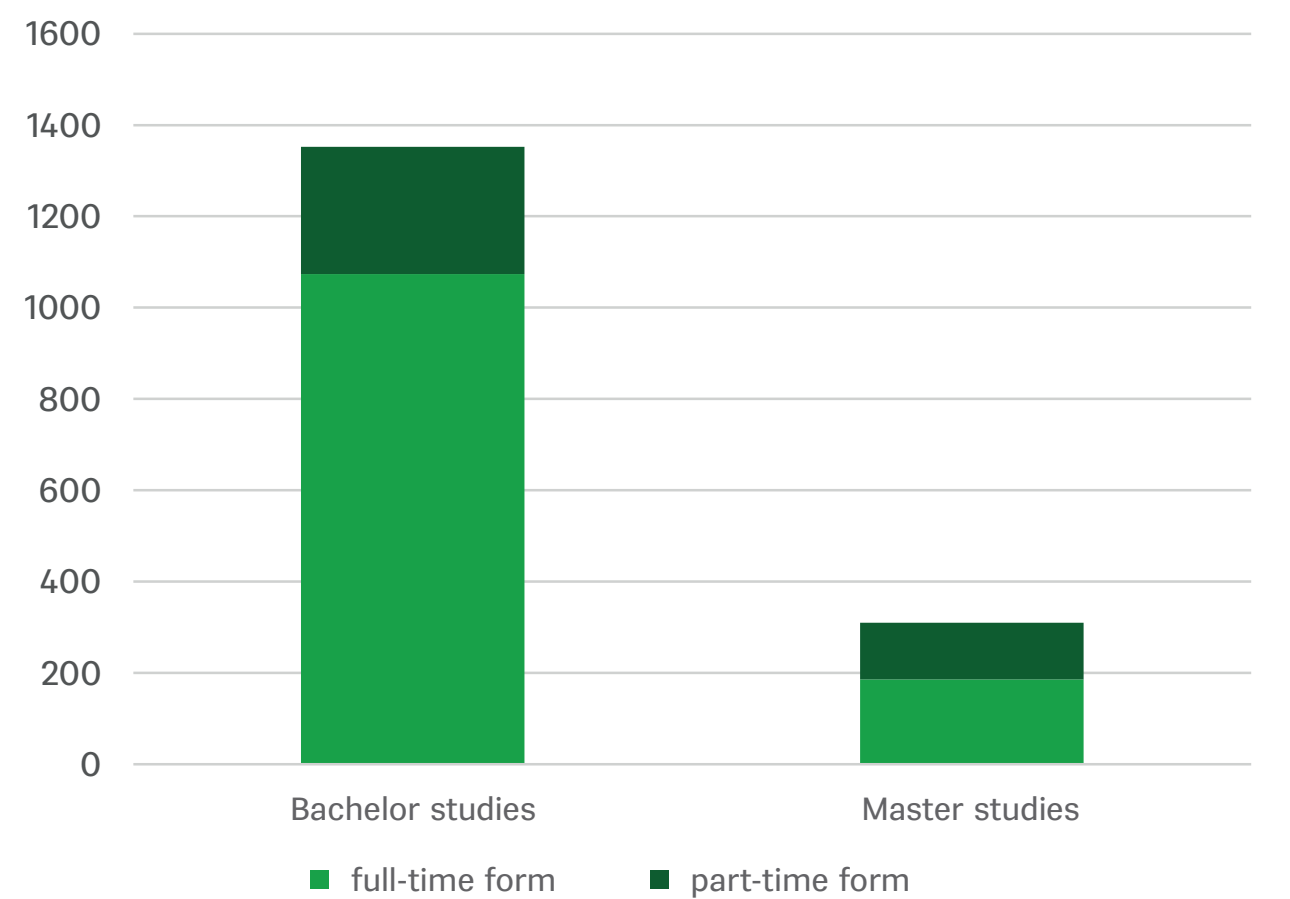
WOOD PROCESSING AND FOREST MACHINERY (in Czech/English, full-time/part-time)

GLOBAL CHANGE FORESTRY (in English, full-time/part-time)

Form of study

FLD makes it possible to study in full-time and part-time forms, where a greater share of self-study is assumed. In 2024, FLD offered ten full-time study programmes and five study programmes in part-time form as part of bachelor's and master's studies. The graph below shows the strong interest in the part-time form. The share of part-time study students out of the total number in 2024 was 24%.

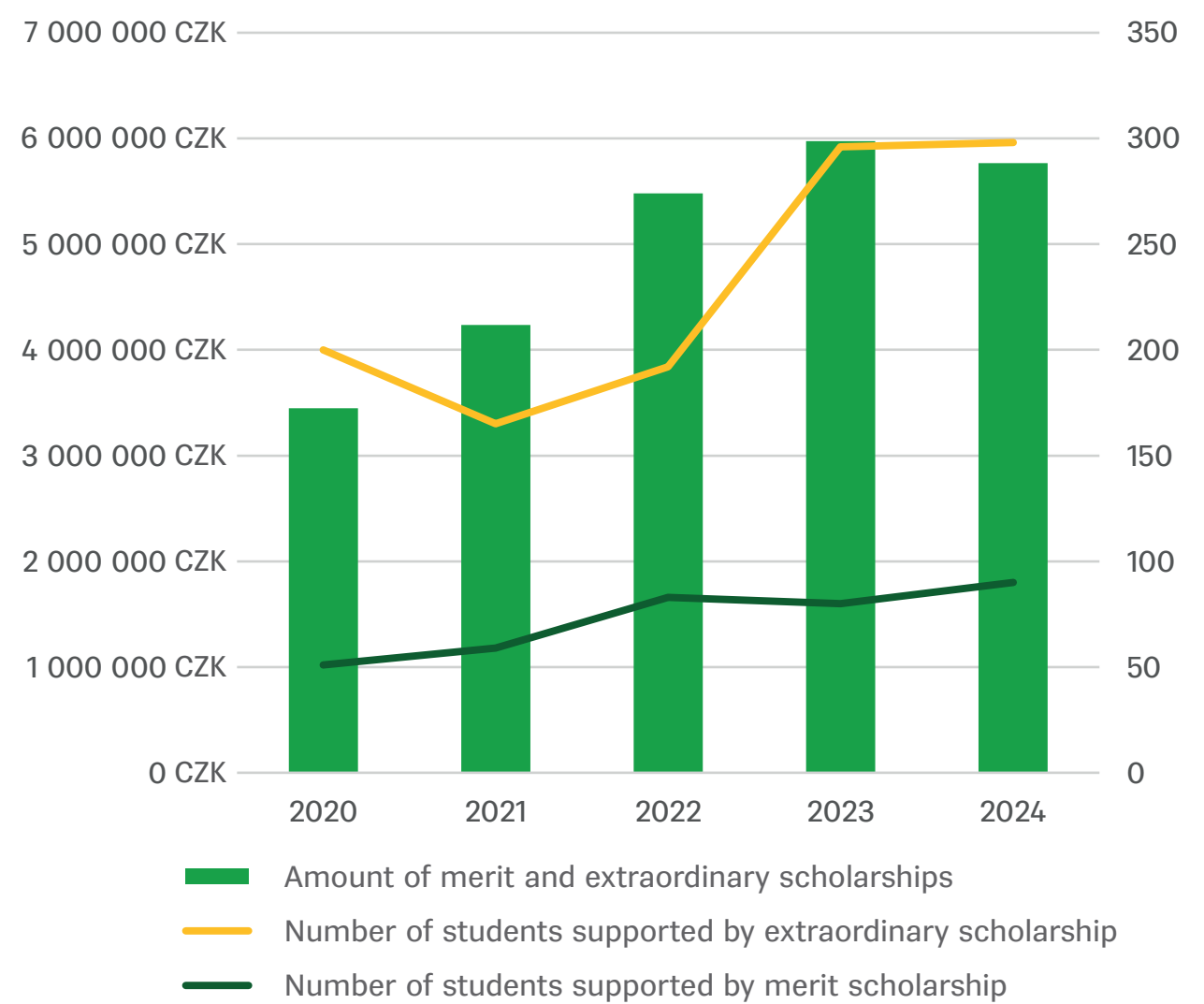
Number of students in full-time and part-time form of bachelor and master studies as of 31 October 2024



Scholarship programmes

FLD supports students through an extensive scholarship programme. This type of support includes: scholarships for first years; merit scholarships; scholarships for young researchers who participate in the work of departments beyond the scope of their study duties; Dean's Awards for excellent results in study or for quality elaboration of bachelor's and master's theses, accommodation, sports, and social scholarship.

Evolution of merit and extraordinary scholarships at FLD through years 2020–2024





Quality of educational
and creative activities

4

4 Quality of educational and creative activities

Accreditation and quality of study programmes

In 2024, preparation began for a new study programme taught in English, namely Sustainable Forestry and Natural Resource Management. The proposed study programme provides a comprehensive all-round university education at the Bachelor's degree level in forestry, the environment, and natural resource management. This programme is intended primarily to enable the internationalization of educational activities and to increase the range of study opportunities in the Czech Republic for foreign applicants. The aim of the study programme is to provide all students with a broad theoretical and practical knowledge of the main functions of forest and non-forest (terrestrial) ecosystems, their interconnectedness, and importance in 21st century society. The programme also aims to provide students with knowledge of natural resource management and the use of natural resources, including the use of natural ecosystems in the so-called bioeconomy, with a strong social aspect of sustainable use of these ecosystems. It also aims to provide students with knowledge and skills in the

economic valuation of natural resources, particularly forest resources, the valuation of ecosystem services, and knowledge of law and marketing in relation to the conservation and use of natural resources. In addition to this practical and theoretical knowledge, the programme aims to develop soft skills, which are crucial for the broad application of graduates in practice; for example, communication and presentation skills, information retrieval and synthesis, and teamwork. Students will also gain the latest knowledge in the field and get experience with cutting-edge technologies such as remote sensing, geographic information systems, artificial intelligence, and data analytics. Teaching will be designed to focus on current local and global topics, such as climate change and artificial intelligence, which are also crucial for the successful application of graduates in practice or in further studies. Graduates will thus be able to apply directly in their field of study, but they will also have an excellent theoretical background for continuing in one of the follow-up study programmes at the Faculty of Forestry and Wood Sciences of the Czech University of Life Sciences in Prague. Programme accreditation is expected in 2025 and the study

programme could be open for applicants in the academic year 2025/2026.

Lifelong learning

In 2024, regular lectures were given by academic staff for the University of the Third Age (U3A), where 128 students were enrolled.

Innovation in teaching

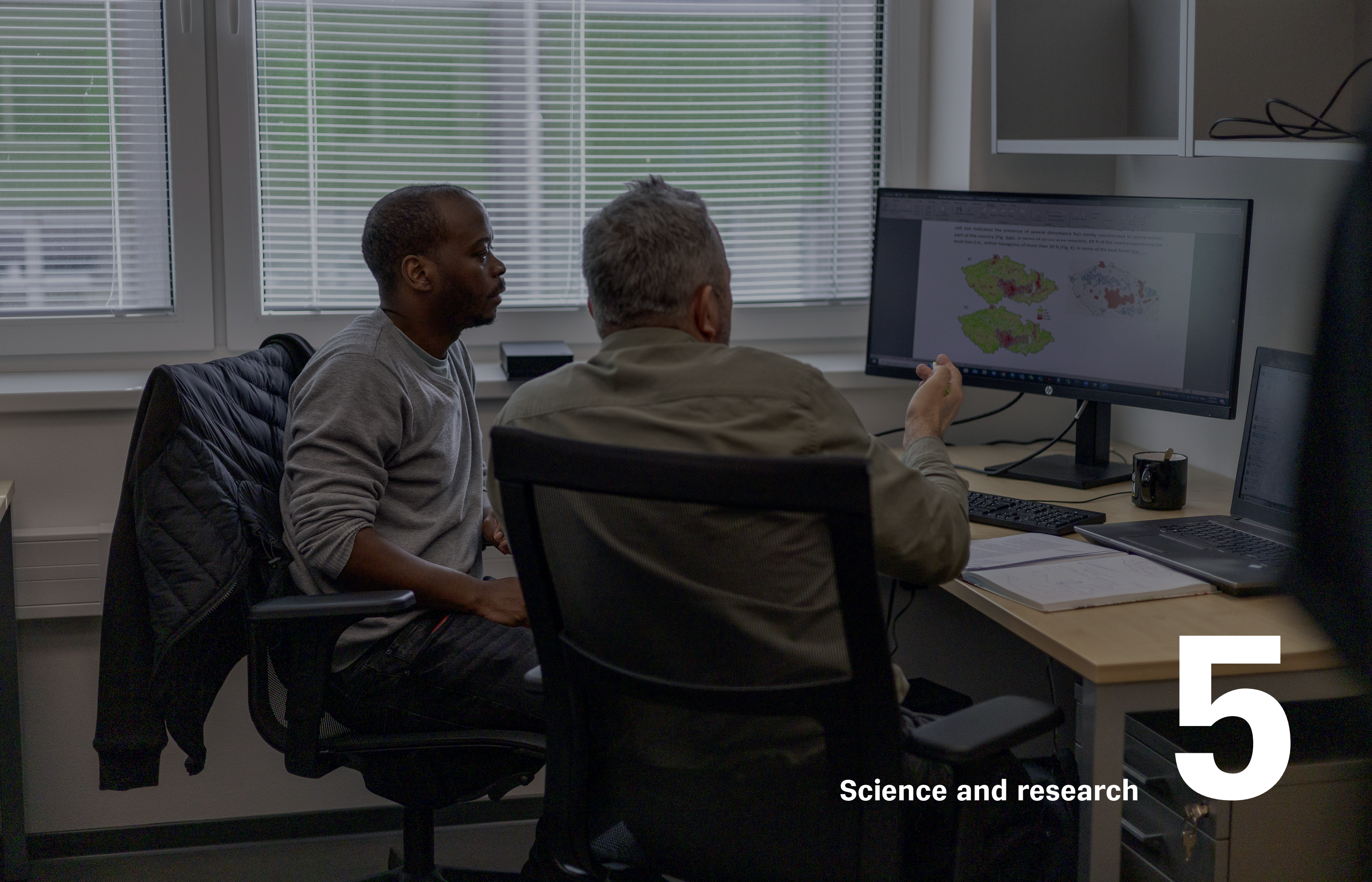
The Faculty of Forestry and Wood Sciences has long emphasized the development of modern forms of teaching and the promotion of innovation in the educational process. It actively introduces new interactive methods and tools that increase student engagement and facilitate the acquisition of professional knowledge and skills. Modern technologies, including elements of artificial intelligence and digital platforms, are increasingly being applied in teaching, bringing new opportunities for individualising learning and making the teaching process more effective. An important part of innovation is also the creation of multi-

media study aids and interactive learning materials that are available to students in an online environment. The Faculty focuses on ensuring that students have access to quality and up-to-date materials that support practical application of the knowledge acquired. These steps contribute to the modernisation of the learning environment and prepare students for effective use of digital tools and technologies in their future profession. In the framework of the call for innovations in teaching, eight projects were created in 2024.

Publishing activities

The Editorial Plan of the Faculty was updated, nine printed and five electronic learning materials were published. A book entitled Letokruhy vzpomínek (Tree rings of memories) was also published, which was prepared as an interview with Dean Emeritus, Professor Ivan Roček. The materials are available in the FLD Copy Centre and on the Faculty's website in the E-learning section.





Science and research

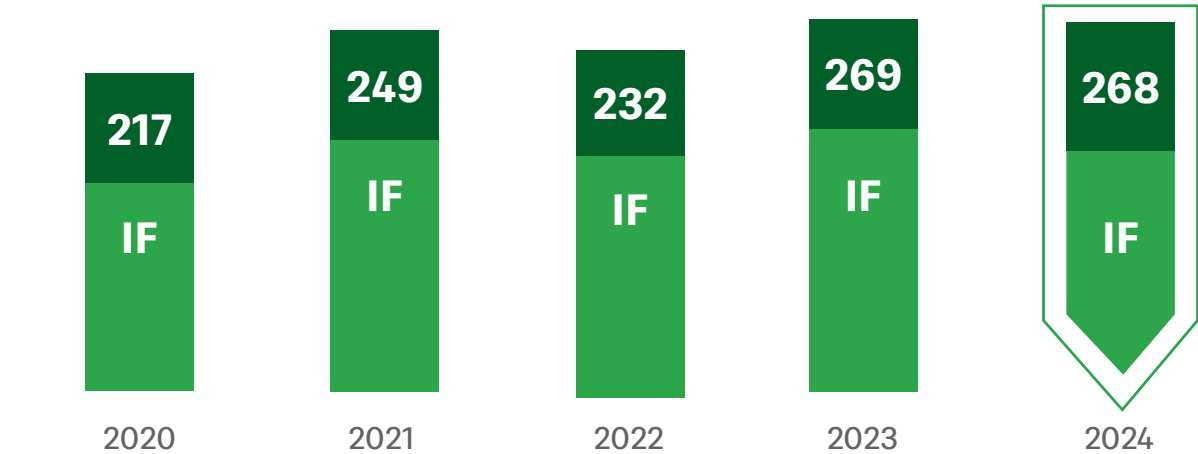
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5 Science and research



Main **ACTIVITIES**

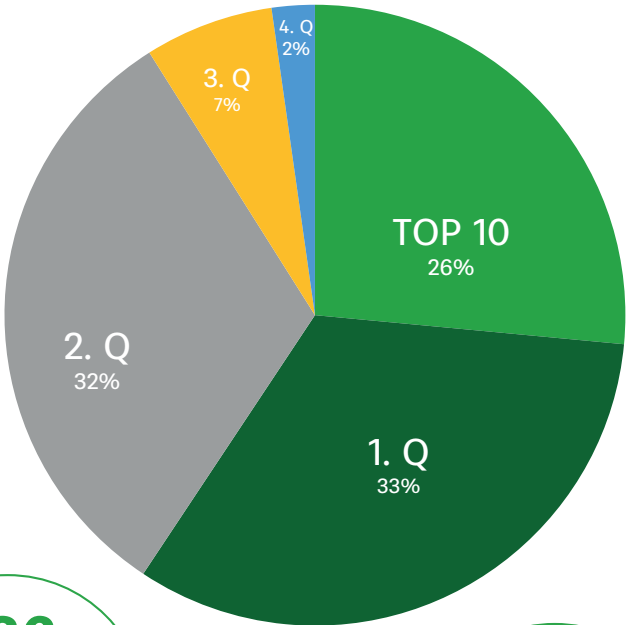
Publishing in excellent journals



27 articles were also published in journals with Impact Factor in the Emerging Sources Citation Index (ESCI) collection at WoS.

Development of the number of articles on WoS

Results according to AIS – quartiles more than 90% in Q1 and Q2 on WoS



Information about outputs on WoS



Articles in Nature Index

No evidence for the consistent effect of supplementary feeding on home range size in terrestrial mammals <i>Olejarz Astrid; Podgórski Tomasz</i> (journal: Proceedings of the Royal Society B)	Unexpected westward range shifts in European forest plants link to nitrogen deposition <i>Kopecký Martin</i> (journal: Science)
Sleep in the wild: the importance of individual effects and environmental conditions on sleep behaviour in wild boar <i>Silovský Václav; Güldenpfennig Justine; Faltusová Monika; Olejarz Astrid; Ježek Miloš</i> (journal: Proceedings of the Royal Society B)	Historical invasion rates vary among insect trophic groups <i>Mally Richard; Liebhold Andrew M</i> (journal: Current Biology)
Contrasting carbon cycle along tropical forest aridity gradients in West Africa and Amazonia <i>Ibrahim Forzia</i> (journal: Nature Communications)	Long-term nitrogen deposition reduces the diversity of nitrogen-fixing plants <i>Kopecký Martin</i> (journal: Science Advances)
The Relationship Between Maturation Size and Maximum Tree Size From Tropical to Boreal Climates <i>Podgórski Tomasz</i> (journal: Ecology Letters)	Mammals show faster recovery from capture and tagging in human-disturbed landscapes <i>Ježek Miloš; Silovský Václav</i> (journal: Nature Communications)
Thresholds for adding degraded tropical forest to the conservation estate <i>Matula Radim; Palasiah Jotan</i> (journal: Nature)	Positive feedbacks and alternative stable states in forest leaf types <i>Svoboda Miroslav</i> (journal: Nature Communications)
Novel temperatures are already widespread beneath the world's tropical forest canopies <i>Plichta Roman; Matula Radim</i> (journal: Nature Climate Change)	Assisted tree migration can preserve the European forest carbon sink under climate change <i>Čepl Jaroslav; Lstibůrek Milan; Stejskal Jan</i> (journal: Nature Climate Change)

Number of articles in WoS according to the FORD classification



Open science

- » Support for publishing outputs in "Open access".
- » Consultancy provided in "Open Access" for employees and PhD students.



Support for high-quality application outputs

A TOTAL OF 49 APPLICATION OUTPUTS

- | | |
|-----------------------------------|------------------------------------|
| 1 professional monograph | 1 proven technology |
| 2 chapters in a book | 7 certified methodologies and maps |
| 13 articles in an anthology | 1 software |
| 2 patents | 12 summary research reports |
| 1 utility model, industrial model | 3 audio-visual items |
| 6 prototypes, functional samples | |

Popularization of science

- » Active management of the section "Popularization of science" for the general public on the Faculty website.
- » The Newsletter for Practice was published as a supplement to the "Lesnická práce" journal.
- » Popularization of scientific outputs was also carried out through the Faculty magazine "Listy z lesa".
- » "Forestry day" and "Wood Science Day" were organized.
- » Involvement in scientific popularization events "Night of Scientists", "VědaFest", "Silva Regina", and "Země Živitelka".
- » Support for publishing outputs in 'Open access' mode.
- » Providing advice on 'Open science' for staff and PhD students.



Quality doctoral studies



Doctoral studies

(as of 31 December 2024)

24

students enrolled in the study for academic year 2024/2025

71

full-time students

14

part-time students

38

foreign students

37

successfully defended dissertation theses

Full-time study



Part-time study



Publishing activities of PhD students

- 95

publications with IF
- 71

publications where the PhD student is in first place in the team of authors
- 42

publications by PhD students which were created in cooperation with a foreign institution





Internacionalization

6

6 Internationalization

In 2024, we intensively cooperated with organisations such as IUFRO and Innovawood. In March, the International Conference for Supporting Forest Sector Restoration in Ukraine was held in cooperation with the Ministry of Agriculture and FAO. In mid-May, the Faculty hosted the annual Innovawood General Assembly 2024. This important event included panel discussions and workshops focused on the current status and future in research, development, education, technology transfer, and project financing in the wood processing and wooden construction sector.

Student mobility

During 2024, a total of 82 students traveled abroad to study – specifically 24 Bachelor's students, 26 Master's students, and 32 PhD students. These students spent a total of 133 months and 7 days abroad. Of the total number, 51 students were supported by the Erasmus+ programme, while the remaining students used other sources of funding, such as the FLD budget. A total of 80 foreign students visited the Faculty of Forestry and Wood Sciences in 2024, staying for a total of 188 months and 27 days. 47 of them were supported by the Erasmus+ programme, the rest came under other programmes or on the basis of individual agreements. In 2024, the Faculty was active in preparing Blended Intensive Programmes (BIP) and summer schools. In April, the Erasmus+ BIP on "Forestry and Forest Bioeconomy in Central Europe" took place. This programme, designed for

Bachelor's and Master's students from the University of Zagreb and the University of Eastern Finland, combined virtual learning with a face-to-face component. Students had the opportunity to learn about the latest research and technologies in forestry and bioeconomy through expert lectures and field trips. In October, FLD students took part in several international activities aimed at developing their professional knowledge. In collaboration with the University of Padua, a summer school was held in Italy from 11 to 19 October 2024. Fifteen FLD students participated in this programme to enhance their knowledge in sustainable forestry and nature conservation. At the same time, another Blended Intensive Programme was held in Poznań, Poland, on 13-18 October, organized by Poznań University of Life Sciences. Eight FLD students took part in an intensive programme focused on current challenges in

forestry, new technologies, and public relations. In order to support international student mobility, the Faculty organised International Day on 13 November. During this event, students learned about international mobility opportunities such as internships, summer schools, and study stays. The programme was enriched by the participation of representatives of the DAAD agency, who presented opportunities for study and internships in German-speaking countries.

Employee mobility

As every year, a large number of foreign business trips were carried out by FLD. There were 339 in total. Since most of these trips were financed from project funds, it also shows the increasing intensity of

project activities with an international dimension. In addition to business trips, the level of international mobility at FLD has also increased. The number of outbound employee mobilities decreased slightly compared to 2023; a total of 33 trips were made, of which 8 were for teaching (STA) and 25 for training (STT). However, 2024 was significant especially in terms of the arrivals of foreign academic and research staff – a total of 68. The majority of them came under the Erasmus+ programme (6 STA and 13 STT), 10 colleagues came through the CEEPUS programme and the rest thanks to other forms of financial support, especially the funds of the Ministry of Education, Youth and Sports (MEYS), which were intended to support future scientific cooperation.







Faculty development

7

7 Faculty development

In 2024, FLD implemented a total of 61 research or educational projects with an annual budget of almost CZK 94 million, of which the largest financial share was taken by national projects financed from the programmes of grant agencies TA CR, GA CR, NAZV, MEYS, and the grant agency of the Forests of the Czech Republic (LČR) with a total annual budget of almost CZK 47 million. International projects from the Horizon Europe, Interreg, Life, and Erasmus+ programmes are becoming an increasingly important source of funding, with an annual budget of approximately CZK 34 million. Projects financed by Structural Funds came third with a budget of CZK 13 million. In terms of the number of implemented projects, the largest number was again represented by national projects (34), of which 12 were funded by the National Agency for Agricultural Research (NAZV), 6 by TA CR programmes, 6 by GA CR programmes and 10 by other national agencies, mainly by the LČR and the MEYS grant agencies. A total of 21 international projects were implemented. In addition, 6 projects were financed from ESIF programmes, especially the Jan Amos Komenský Operational Programme (JAK OP).



Number of implemented projects in 2024 per programme

ESIF	6
International	21
NAZV	12
TA CR	6
GA CR	6
Other	10
Total	61

Budgets of implemented projects in 2024 per programme

ESIF	13.0 m CZK
International	34.1 m CZK
NAZV	20.0 m CZK
TA CR	9.0 m CZK
GA CR	11.0 m CZK
Other	6.8 m CZK
Total	93.9 m CZK

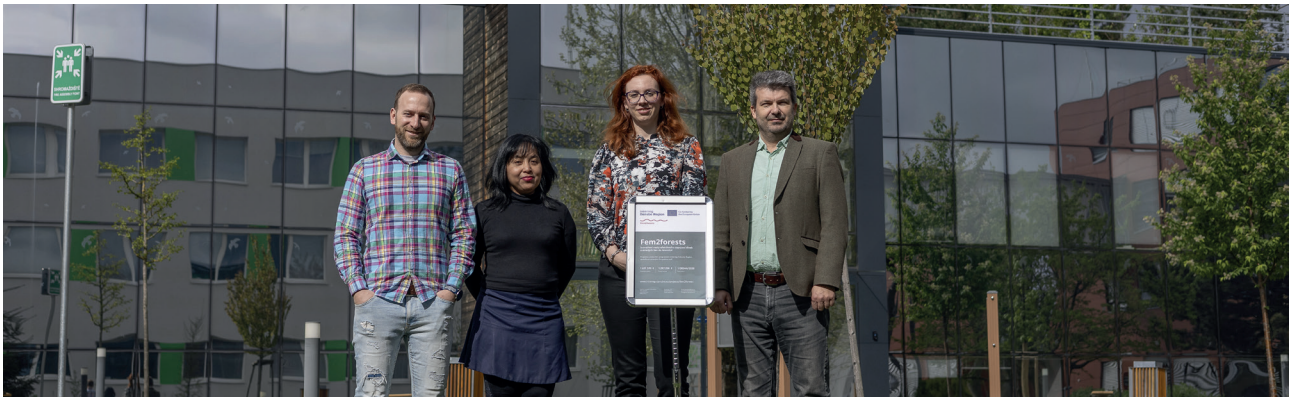
National projects

In 2024, the Faculty submitted 52 applications to national grant competitions, especially GA CR, TA CR and NAZV. As of the Annual Report closing date, 7 applications were successful. Among other things, the Forest Risk Research Department managed to obtain a three-year project entitled *Ongoing bark beetle outbreak in the Czech Republic as a basis for adaptation of forests and the forestry sector to climate change and development of resilience to future outbreak situations* from the NAZV programme. The project is implemented in cooperation with the Research Institute of Forestry and Hunting (VÚHLM) and corresponds to the research priorities of the Concept of Research, Development and Innovation of the Ministry of Agriculture for 2023–2032.

Projects from international competitions

Last year, six international projects were successfully launched: Boost4BioEast (doc. Jankovský), and TRANSFORMIT (prof. Marušák), both from Horizon Europe, RE-ENFORCE

(Dr. Korecký) from Interreg Central Europe, Fem2forests (Dr. Petra Palátová) from Interreg Danube Region, LESYpreKLÍMU (prof. Marušák) from Interreg Slovakia – Czechia and SHUNTDIEM (Dr. Kalábová) from Erasmus+. Also, the following four projects were approved for funding in 2024, with implementation starting during 2025: FORADVISE (Dr. Rinn), FORbEST (Dr. Mikolaš), HIVE (prof. Hlásny), all from Horizon Europe, and Krkonoše Forests – common management in KRNAP and KPN (Dr. Korecký) from Interreg Czechia – Poland. In particular, the new HIVE project represents a significant achievement for FLD. The main goal of the project is to bring a global leading scientist, Dr. Andrew M. Liebhold, to CZU and to create a permanent research group around him focused on biological invasions in forests. A total of 34 project applications were submitted in 2024, most of them to Horizon Europe (19), Interreg (4), or Erasmus+ (4). A total of 34 project applications were submitted in 2024, most of them to Horizon Europe (19), Interreg (4) and Erasmus+ (4).



Structural funds

In 2024, work began on several major projects funded by the European Structural and Investment Funds. Specifically, this involves a university-wide project Improving Facilities, Equipment for Teaching, and Strategic Software at the Czech University of Life Sciences in Prague; within the project, the Faculty of Forestry and Wood Sciences has a budget of CZK 114 million until the end of 2028 for the development of infrastructure for the implementation of bachelor's, master's, and doctoral study programmes via the acquisition of new equipment or the renovation and upgrading of existing educational spaces. Another university-wide project, Enhancing the Quality and Effectiveness of the Educational Process and Strategic Management at CZU, allocates CZK 18 million to the Faculty of Forestry and Wood Sciences to improve the quality of study programmes by adapting them to current challenges, increasing the share of professionally oriented study programmes and programmes structured for blended or distance learning, and sup-

porting the internationalization of studies, internships, mobility, and similar activities. The university-wide project PhD Infra also continues, within which the Faculty has a budget of CZK 23 million until the end of 2026 for the development of infrastructure and equipment to support doctoral study programmes. In addition, last year FLD joined the project Forestry Commodities Portal and Forestry Geoportal, which focuses on the development of two web-based platforms serving to facilitate timber trade and complement this area with geospatial information; the Faculty also joined the project Supporting Green Skills and Sustainability at CZU, which aims to align teaching in study programmes and lifelong learning courses with the principles of the Green Deal. At the beginning of 2024, a project Adaptation and Innovative Solutions for Extreme Hydroclimatic Events was submitted to the Intersectoral Cooperation call (OP JAK) in collaboration with the Faculty of Environmental Sciences; however, it was not supported.





**Financial and personnel
management**

8

8 Financial management

Financial management

In 2024, FLD received a total of 199,366,486.38 CZK from contributions and subsidies to the budget, as part of a student subsidy, institutional support for the institution's long-term conceptual development, and specific research.

The Faculty as a whole adhered to the planned budget.

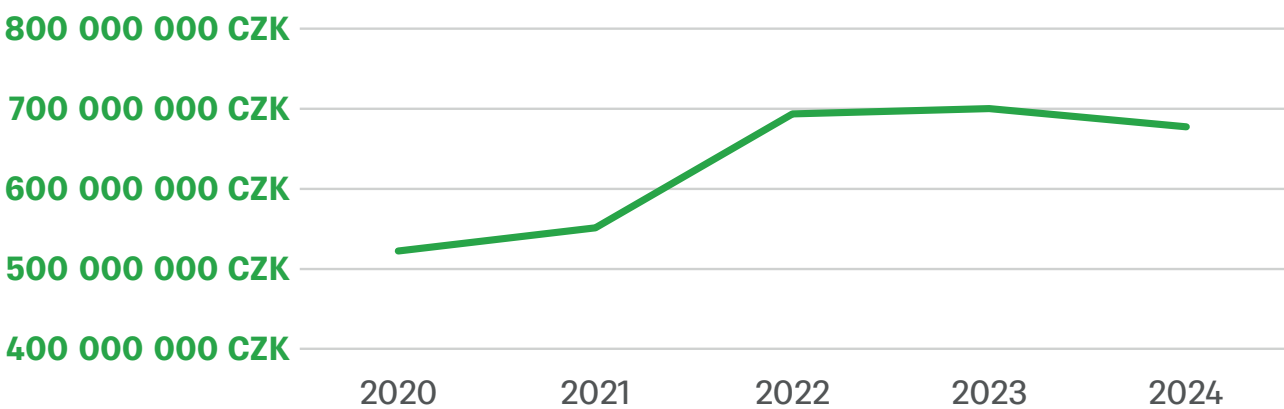
The Faculty managed a surplus in its main activity – in the contribution to operating activities to the amount of 34,247,069 CZK. As of 31 December 2024, this amount was transferred to the operational resources fund.

	Scholarship fund	DSP scholarship fund	Remuneration fund	Fixed assets development fund	SSP fixed assets development fund	Working capital fund	Working capital fund after tax*
As of 1/1/2024	119	0	26 118	2 502 433	423 543	30 130 912	11 701 578
Fund formation	3 206 864	3 213 716	750 000	4 567 181	1 096 613	34 247 069	3 780 285
Fund drawing	3 168 000	0	266 017	5 216 537	0	9 944 977	1 904 109
As of 31/10/2024	38 983	3 213 716	510 101	1 853 077	1 520 156	54 433 004	13 577 754

Amount in CZK

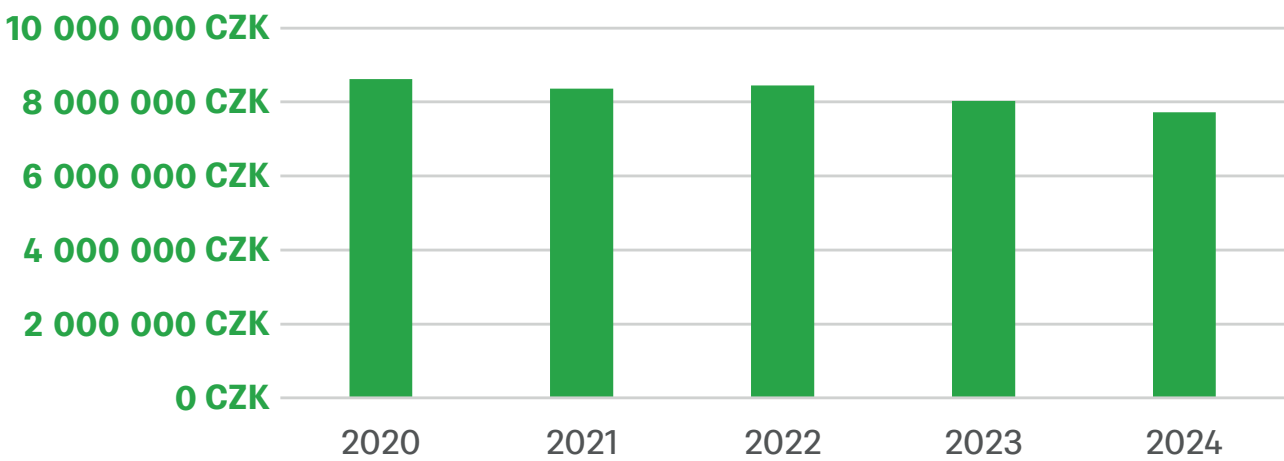
Total financial reserve of the Faculty for investment development created from the main activity, as of 31 December 2024, was **74,034,423 CZK** (Fixed assets development fund, Working capital fund, Working capital fund after tax, balances of foreign donations).
In 2024, the funds of the Investment Institutional Support in the amount of **5,225,169 CZK** were also used for the acquisition of tangible fixed assets and technical improvement of tangible assets.

Development of FLD assets 2020–2024



After the large investments completed in 2023 with the renovation of the FLD building comes the decline in asset value due to repairs.

Development of funds allocated for IGA in 2020–2024



Development of subsidy for specific research and IGA in 2020–2024 in CZK

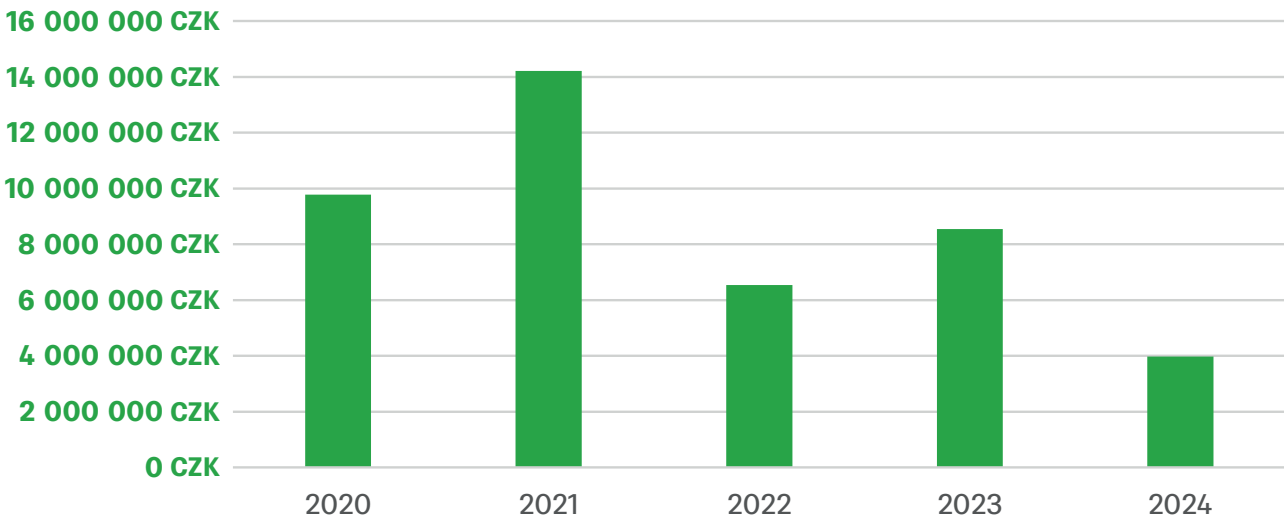
Specific research	2020	2021	2022	2023	2024
Subsidy	9 456 568	9 454 770	9 462 196	9 105 917	8 322 242
IGA	8 625 926	8 367 472	8 450 517	8 035 917	7 724 315

The subsidy for specific research has a long-term downward trend. The institutional subsidy for long-term conceptual development is also used to fund student research activities.

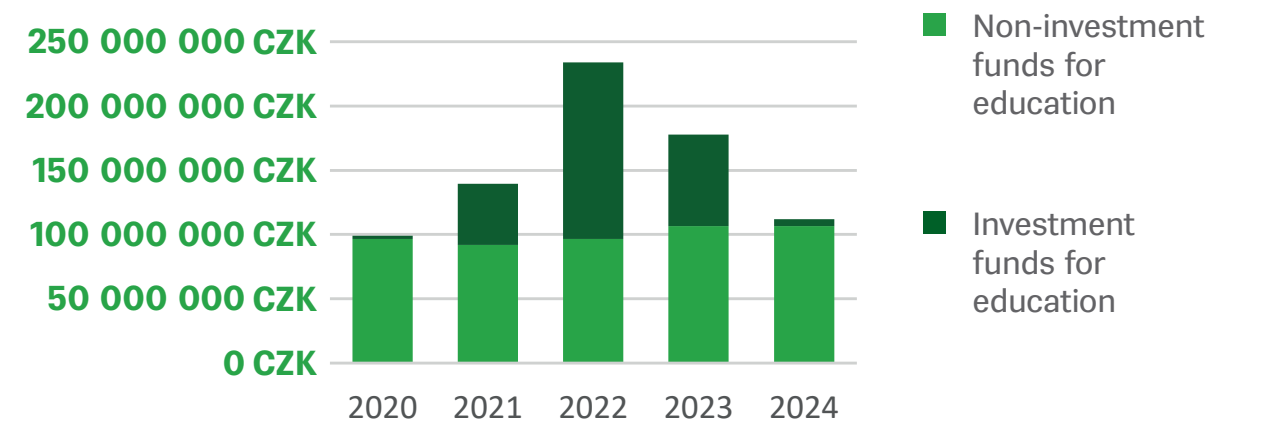
Development of revenues from contract research and ancillary activities (AA) 2020–2024 in CZK

	2020	2021	2022	2023	2024
Total AA revenues	9 776 760	14 220 210	6 537 435	8 547 546	3 976 158
Profit after tax	1 433 424	1 604 227	631 787	1 350 426	890 450

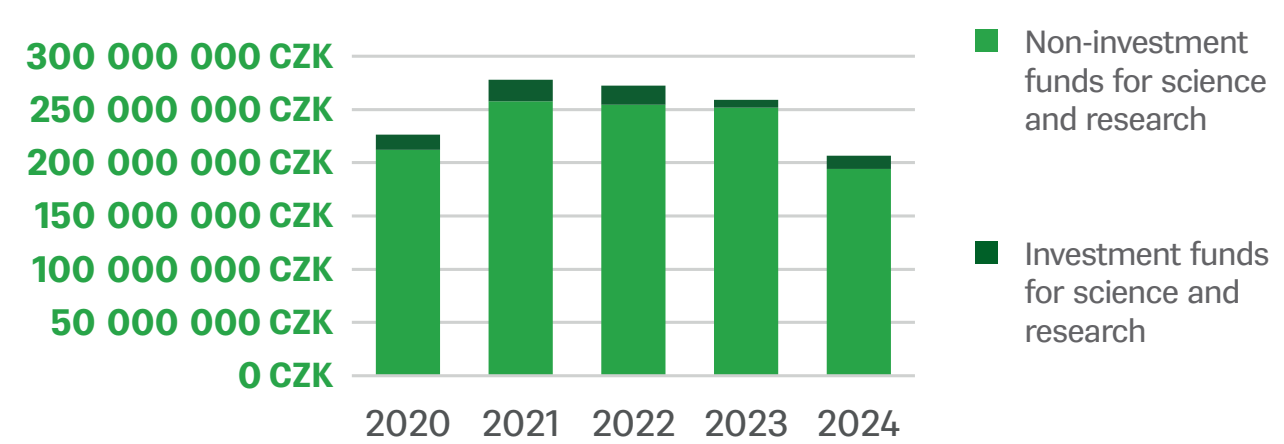
Total AA revenues 2020–2024 in CZK



Total funds spent on educational activities 2020–2024



Total funds spent on scientific and research activities 2020–2025



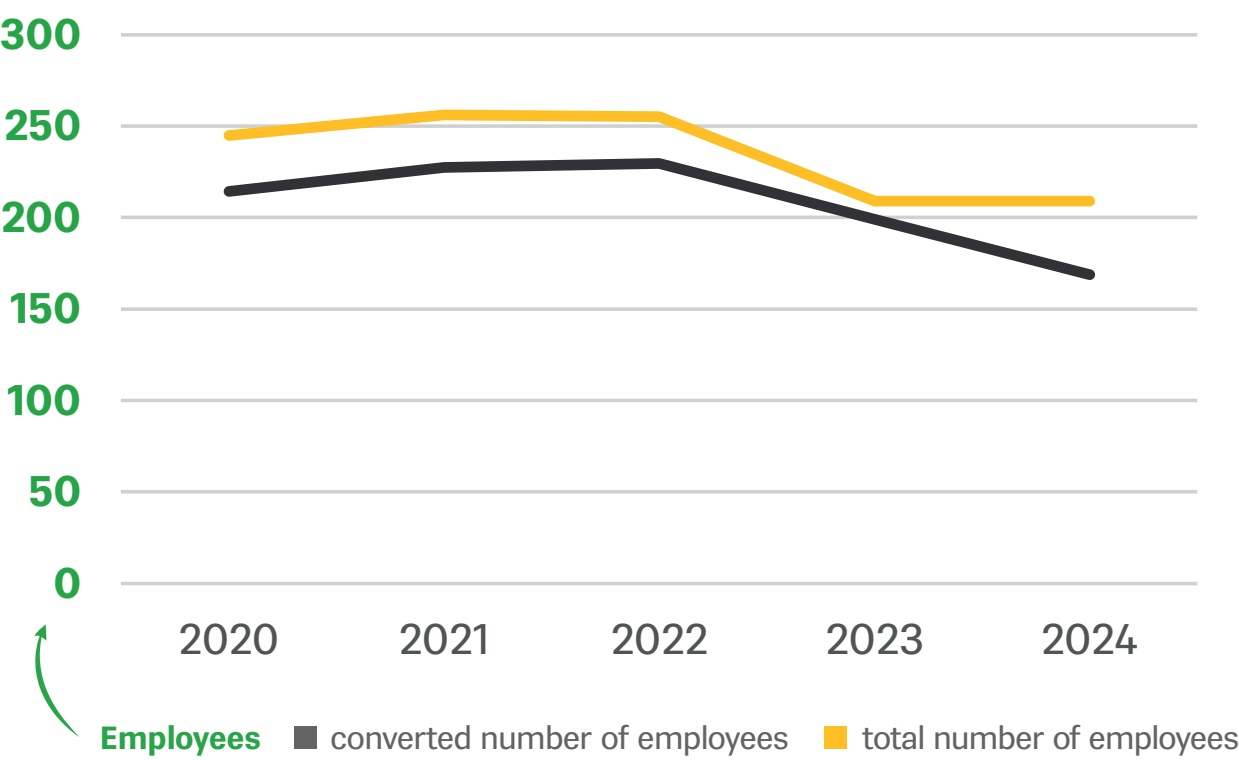
Other sources of funding for FLD activities

Other resources of financing FLD activities were funds obtained within the projects of GA CR, TA CR, NAZV, OP VVV, within contract research, and our own activities. In 2024, FLD managed non-investment funds totalling **353,855,688.88 CZK** and made investments of **17,701,900.15 CZK**.

FLD staff structure

In 2024, the Faculty qualification structure expressed by the ratio of professors to associate professors and to assistant professors was 16% : 28% : 55%. The goal set in previous years, namely the achievement of a 45% share of professors and associate professors in the total number of academic employees, was achieved. The converted share of academic employees with foreign citizenship is 24.5% of the total number of academic employees.

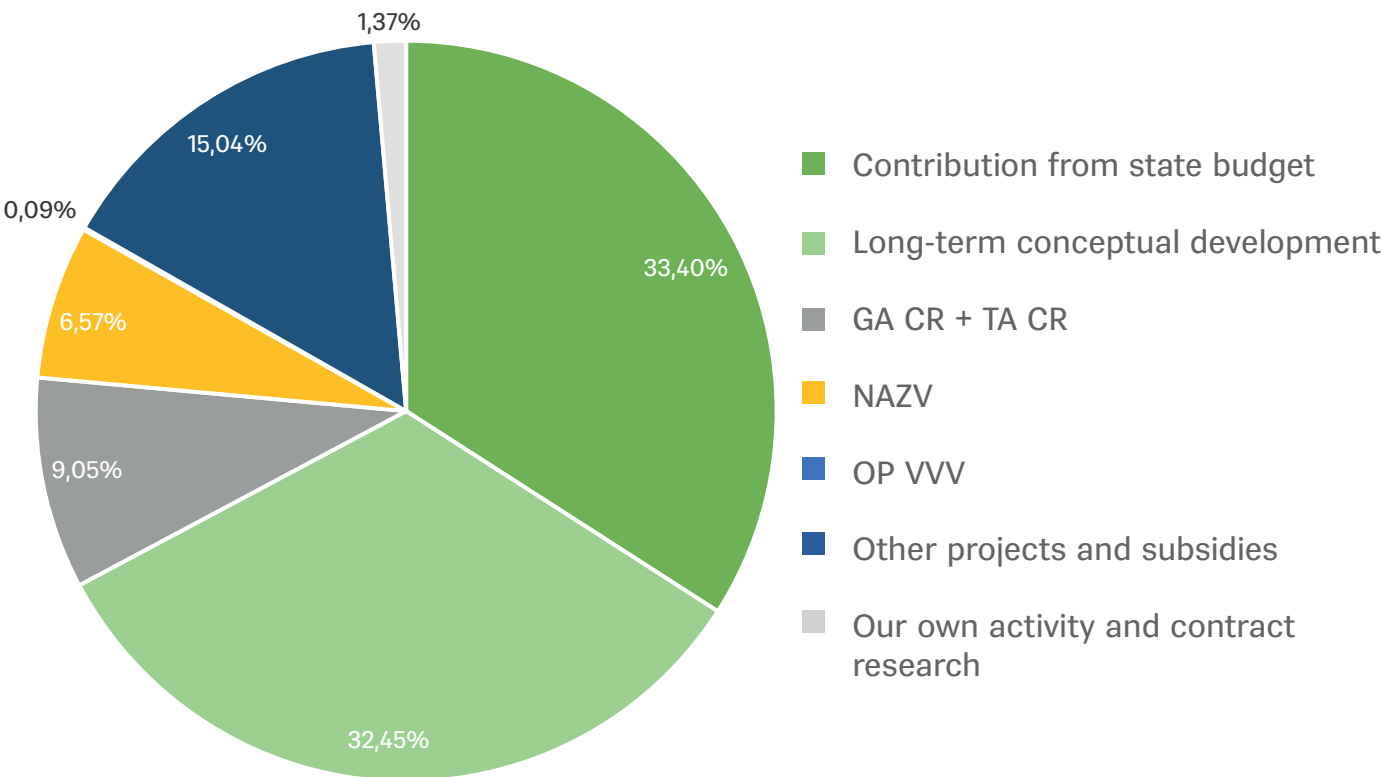
Development of the number of FLD employees 2020-2024



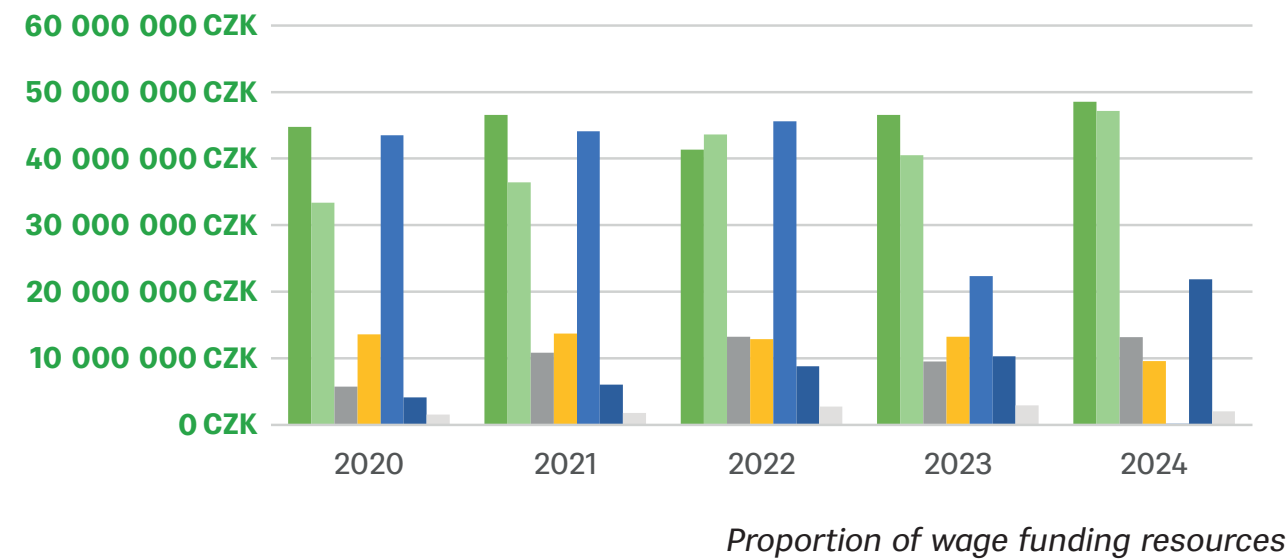
Development of funds for wages and employees 2020-2024



Wage funding structure in 2024



Development of the structure of resources for wage funding 2020-2024





**Marketing activities and
external relations**

9

9 Marketing activities and external relations

Marketing Department as part of Faculty strategy

One of the Faculty’s long-term priorities is its promotion to the general and professional public. In 2024, the Faculty participated in 59 events, including their actual organization. The aim of all activities was to raise the awareness about the Faculty’s study options, research activities, cooperation with practice, and to present the Faculty as a modern and open institution. The Faculty also contributed to organising international scientific conferences and professional meetings.

Significant events and celebrations

A highlight of 2024 was the international celebration of the 105th anniversary of university forestry education in Bohemia, which featured a rich programme

including a scientific conference, a professional workshop, cultural performances, and a social gathering. The Faculty also presented itself at major fairs such as Silva Regina, Natura Viva, Země Živitelka, and at numerous other public and professional events.



Podcasts and publications

As part of the University’s Podcast Full of Life, the Faculty contributed episodes on topics such as: The Czech Republic as the Epicentre of the Bark Beetle Outbreak, Urban Green Space Management, and Hunting Tourism. The third issue of the magazine Listy z lesa was published, focusing on popularising science, fore-

stry education, and Faculty life. Regular newsletters were published: an internal newsletter for Faculty staff and PhD students (three times a year), and a newsletter for practice, aimed at presenting applied scientific outputs to the professional public. Newsletter for practice was issued as a supplement to the journal Lesnická práce (issue 5/2024) and was also distributed to Faculty partners.

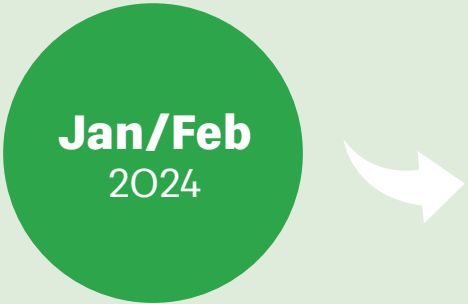
Cooperation with practice and CSR

The year 2024 saw a significant strengthening of cooperation with professional partners. Eight new memoranda were signed, a meeting of the Council for Cooperation with Practice took place, a brochure outlining cooperation opportunities was published, and the preparation of lifelong learning courses continued. The Faculty also organised

the traditional Forestry and Wood Science Day and the inaugural event "A chat with graduates". In the area of corporate social responsibility, the ongoing collaboration with the DUHA Society continued, which included the purchase of a painting used for the Faculty's New Year's card. Additionally, the Faculty supported the Sázava Children's Home through the running race You Cannot Run Away from the Dean, or Forestry 15.



CALENDAR OF EVENTS 2024



- Open Days**
Event for applicants to study, CZU
- Silver graduation ceremony**
Event for graduates, CZU
- Final exam of the certified forest pedagogy course**
Kostelec nad Černými lesy
- Arboriculture conference**
Conference, CZU Hall
- Trips to secondary schools**
Event for applicants to study
- Student driven hunt**
Event of FLD Hunters Association, Kostelec nad Černými lesy
- SOKRATES 2**
University Fair, Most
- FLD student ball with mock caning ceremony**
Event of Student Interest Association, Klub C



- FLD Scientific Board**
FLD
- Youth Bioeconomy Festival**
Festival, FLD
- ESG Reporting Conference**
Conference, CZU Hall
- Hunters' Ball**
Event of FLD Hunters Association, Klub C
- Open Day**
Event for applicants to study, CZU
- Easter Market**
Event for the public, CZU campus



- Ukraine and Forestry**
Conference, FLD
- Silva Regina**
Trade Fair, Brno
- 105th Anniversary of University Forestry Education in Czechia**
Event for FLD partners, FLD
- Salon of wooden constructions**
Event for the public, Piazzetta, National Theatre
- YPEF Prague Regional Round**
Forestry competition for primary and secondary school students, FLD
- Earth Day Toulcův Dvůr**
Event for professional public, Toulcův Dvůr
- Summer school for students from Finland and Croatia**
FLD
- Visit from University of Florida**
FLD
- NOVATOP lecture**
FLD
- Construction Trade Fair**
Event for the public, Brno
- Wood Science Day**
Event for professional public, FLD
- Forest and Wood Festival**
Event for the public, National Agricultural Museum
- Dean's Cup**
Event of FLD Hunters Association, Vlašim

- Vltava Run**
Running race
- Miss Agro**
CZU Campus
- CZU Sports Day**
Event for employees, CZU



- Forest Week with Forests of the Capital City of Prague**
Event for the public, Prague
- Natura Viva**
Hunters Fair, Lysá nad Labem
- CZU Forests Open Gates**
Event for the public, Kostelec nad Černými lesy
- Formal opening of Lesárium**
Event for the public, Kostelec nad Černými lesy
- InnovaWood**
Expert meeting, FLD
- Exhibition of cast antlers**
Event for the public, Lány
- State final examinations**
FLD
- Shooting competition**
Event for Faculty partners, Vráž u Benešova
- Graduation Ceremony**
Event for graduates, CZU Hall
- Silver graduation ceremony**
Event for graduates, CZU Hall
- Garden Party**
Event for the public, CZU Campus
- YPEF national round**
Competition, Kostelec nad Černými lesy
- VědaFest**
Event for the public, Praha-Dejvice
- IUFRO**
International congress, Stockholm
- 39th Annual Meeting of the International Society of Chemical Ecology**
International conference, CZU Hall, FLD
- "Země Živitelka"**
Trade Fair, České Budějovice



- Family Day**
Event for employees and PhD students, FLD
- CZU Estates Harvest Festival**
Event for the public, Lány
- Forestry Day**
Event for professional public, FLD
- Tree Day with Forests of the Capital City of Prague**
Event for kindergartens, schools and general public, Kunratice forest
- Arboriculture conference**
Conference, CZU Hall
- Matriculation ceremony**
Event for new FLD students, CZU Hall
- Forest, education and research**
Expert meeting, Kostelec nad Černými lesy, Vráž
- Night of Scientists**
Event for the public, CZU
- “You cannot run away from the Dean”**
Running race, Jevany
- Experience the forest with foresters**
Event for elementary schools, Houštěcký forest park
- Ask us**
Event for new FLD students, FLD
- Project Day at ZŠ Weberova**
Event for elementary school, ZŠ Weberova, Motol
- Czech is beautiful!**
Event for the public, Pilsen Zoo
- Day with Hunters**
Event for the public, Hradec Králové Municipal Forests
- Summer school Italy**
Summer school for FLD students, Italy
- Summer school Poland**
Summer school for FLD students, Poland
- Shooting competition – Rector’s Cup**
Event of FLD Hunters Association, Chloumek



- A Day with CZU Student Organizations**
Event of Student Associations, CZU
- Hylobius Workshop**
FLD
- A chat with graduates**
Event for FLD students, FLD
- Council for Cooperation with Practice**
Meeting with the representatives of practice, FLD
- Open Day**
Events for applicants to study, FLD
- International day**
Event for FLD students, FLD
- SHUNTDIEM**
Project meeting, FLD
- “DIGI-TECH-VĚDA”**
Project meeting, FLD
- Wood Science Symposium**
Event for FLD students, Round Hall
- Christmas Market**
Event for the public, CZU
- Christmas Concert**
Event for FLD staff and friends, Church of Holy Saviour
- FLD Dean’s driven hunt**
Wild boar driven hunt, Kostelec nad Černými lesy
- FLD pre-Christmas meeting**
Event for FLD employees and PhD students. Klub C



Faculty of Forestry
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