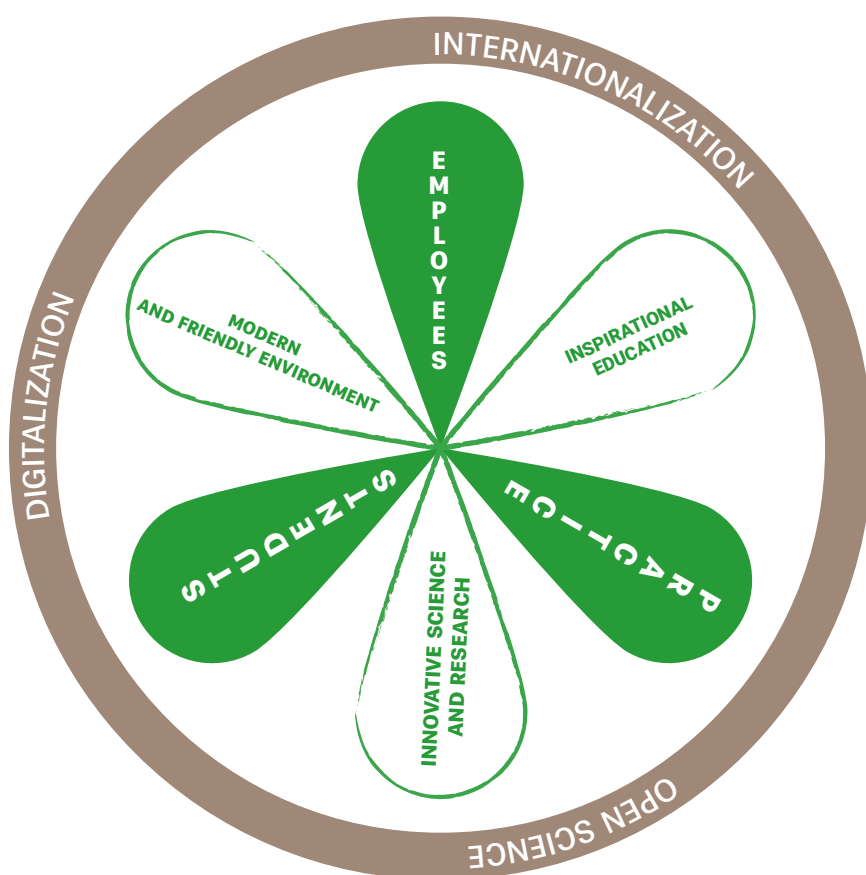


2023 – Annual Implementation Strategic Plan of educational, creative, and other activities

of the Faculty of Forestry and Wood Sciences

Czech University of Life Sciences in Prague

(FFWS Strategic Plan 2021+, FFWS SP 2021+)



Discussed by the Scientific Board of the Faculty of Forestry and Wood Sciences, CZU in Prague on xxxx.

Approved by the Academic Senate of the Faculty of Forestry and Wood Sciences, CZU in Prague on xxxxx.

Approved by the Dean's Board of the Faculty of Forestry and Wood Sciences, CZU in Prague on xxxx.



Faculty of Forestry
and Wood Sciences

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Introduction

In 2023, we are following up on the activities implemented in 2022, fulfilling and strengthening the pillars of the Strategic Plan for educational, creative and other activities of the Faculty of Forestry and Wood Sciences (FLD), which are: Inspiring education, Innovative science and research, Friendly and modern environment. In the educational area, which we are continuously modernizing, we will, among other things, focus on increasing the motivation to study, teaching in English, and lectures and seminars by experts from practice and from abroad. Final theses, whose standards are improving every year, are an important indicator of quality education at FLD. We want to continue this trend, which is why we will pay even more attention to the processes related to the final theses. We continue to support and emphasise student and employee mobility, innovation in pedagogical activities with an emphasis on internationalization, and development of the tradition of summer schools, both for our students abroad and for foreign students at our Faculty.

In the field of science and research we face a difficult task, which is to maintain the achieved level in the number and structure of publications and excellent outputs for practice. The support of excellent teams and publication outputs (mainly categories D1 and Q1) from Faculty resources will also be subject to this. It will be extremely important to find the optimal system for publishing in Open Access journals in which the publication of the article is paid for. The management's steps in this area will stimulate the creative and scientific activity of all academic staff of the Faculty. I also consider the area of cooperation with practice to be extremely important; we will strive for closer cooperation, primarily through seminars and courses for representatives from practice who will want to apply our knowledge in practical operation.

We partially implemented the pillar of friendly and modern environment in 2022, when we started using the newly added part and renovated south wing of the original FLD building. In 2023, we will still have to endure less favourable conditions in parts of the workplaces related to the reconstruction of the north wing of the original building. This financially demanding investment will be compensated in the following years with modern equipment in all FLD buildings and excellent facilities for FLD employees and students.

prof. Ing. Róbert Marušák, PhD.
dean

Quality strategic Faculty management

Internationalized FLD

- Accredit and start teaching a new study programme in English (Forest Science in Global Change).
- Organize at least two summer schools for FLD students, or for foreign students at FLD.
- In accordance with the identified priority areas of FLD (in the area of S&R, new students, and student/employee trips), expand cooperation with institutions from these areas.
- Expand the offer of foreign practical internships for FLD students and support at least three students with this form of practical internship.
- Participate in the preparation of the Erasmus+ credit mobility project with the aim of implementing mobility with workplaces outside the EU.
- For other study programmes (wood sciences), select suitable universities and offer students specific universities, including subjects that will subsequently be recognized for their studies.
- Intensify the promotion of studies abroad. Organize at least one meeting to support the promotion of trips abroad.
- Clarify the website of the section of the Department of International Relations focusing on student trips abroad.
- Start preparing a subject in cooperation with a foreign university so that it is taught together at the same time at both universities.
- Within the selected study programmes, determine a subject that will be taught only in English.
- Significantly supplement and continuously update the website of the Science & Research section, especially the Excellent outputs and Applied outputs section.
- Support the PhD-Kamos Programme, which is intended for new foreign PhD students.
- Organize at least one workshop led by the Study Advisor for foreign PhD students (e.g., on the topic of stress while studying in a new environment).

Open Science at FLD

- Create a new call to support the publication of outputs in „Open Access“.
- For employees, create a list of journals in which it is appropriate to publish, both from the point of view of specialization and fees.
- As part of specific research, ensure systematic financial support for publishing for PhD students.

- Support the possibilities of using big data concepts in forestry and wood sciences with the aim of them being used by all Faculty employees.
- Follow up on the university approach in the field of data management (created for OP JAK projects).

Digitized FLD

- Set up a system so that all PhD student requests related to the study agenda are submitted and approved purely electronically.
- Actively participate in an NPO project in the field of IT (e.g., when creating a virtual classroom).
- Put the Faculty intranet into operation and ensure the forms are electronic (in cooperation with the Rector's Office).
- At the level of the CZU Rectorate, actively promote the modernization and automation of electronic records of S&R outputs (so-called CV).

1. Inspirational education

1.1 Promising candidates

- a) Promote FLD studies at secondary schools and organize open days.
- b) Organize a workshop or webinar for secondary school students.
- c) Organize local, regional, and national rounds of the YPEF competition and promote FLD studies there.
- d) Continue to build closer relationships with not only secondary forestry schools (e.g., in the form of Faculty events).
- e) In cooperation with the guarantors of study programmes, continue active communication with those who apply for study (e.g., in the form of a welcome email).
- f) Intensively promote FLD English study programmes abroad.

1.2 Students with inner motivation

- a) Organize at least two lectures/workshops for students aimed at increasing motivation to study.
- b) Organize another intensive course in mathematics, chemistry, and physics for first-year students with the aim of supplementing the students with basic knowledge which they can follow up on with university studies of the given subjects.
- c) Specify the requirements for the teaching of field-of-study mathematics and define new teaching syllabi.
- d) Actively encourage students to study subjects in English in the Czech study programmes.
- e) Evaluate the effects of the reorganization of combined study in study programmes via a questionnaire survey among students and teachers.
- f) Continue to improve the quality of collective practices at School Forest Enterprise. Create a company selection system for internships of students of wood science programmes.
- g) Support at least three events of FLD student associations.
- h) Prepare a process diagram of internal communication between SP guarantors and other persons involved.
- i) Increase the quality and frequency of communication between FLD management and SP guarantors (bachelor's, master's, doctoral).

1.3 FFWS graduates in practice

- a) Create a video with FLD graduates and promote their employment possibilities.

- b) Involve graduates in lectures for students.
- c) Invite FLD graduates to selected Faculty events to build closer ties with forestry and wood science practice.

1.4 FLD – partner respected by practice

- a) Continue the preparation and creation of lifelong learning courses focused mainly on two areas: semi-natural forest management as a possible means of adaptation to climate change, and the use of wood in products and constructions as an ecological building material.
- b) Expand the composition of the Council for cooperation with practice and the range of cooperation topics.
- c) Create and evaluate the success/failure questionnaire of the involvement of external partners in cooperation with FLD.
- d) Create a database of FLD external experts (with an emphasis on graduates) involved in teaching.
- e) Organize a Wood Science Day and a Forestry Day.
- f) Organize a professional seminar following a series of seminars commemorating the Theresian Forest Regulations and forester Rang.
- g) Prepare at least one Newsletter for practice, where FLD application outputs will be presented.
- h) Analyse the possibilities (e.g. legal) of expanding the involvement of FLD outputs in practice (e.g. in the form of a spin-off company, consulting).
- i) Continue cooperation with Prague International Business School on the implementation of the MBA programme and promote it among the professional public.

1.5 FLD as a part of public awareness in forestry and wood science

- a) Issue at least five press releases on forestry and wood science topics.
- b) Continue open debates for the public with the aim of a positive presentation of forestry and wood sciences (at least two: Forest and Art; Forest, Wood, and Health; etc.).
- c) Publish at least five professional or popular science articles in periodicals and on selected internet portals.
- d) Financially support employees in the form of remuneration for the output in the media.
- e) Continue publishing the magazine Listy z lesa, material that comprehensively promotes the activities of the Faculty to the general public.

2. Innovative science and research

2.1 Support professional scientific outputs by FLD employees

- a) Submit a top research project of OP JAK for evaluation.
- b) Involve FLD in the preparation of other projects financed from OP JAK.
- c) Participate in the preparation of at least four international research projects.
- d) Continue to support results suitable for commercialization in the form of a new call.
- e) Actively support S&R cooperation between teams during international activities.
- f) As part of a call, focus on finding and hiring a new employee who has the potential to receive an ERC grant.
- g) Involve an external expert in advising employees within the framework of ERC grants and thus set up systematic support in this area.
- h) Announce the Dean's Awards for the best publications in 2022.
- i) As part of a new call, support excellent teams at FLD whose activities will lead to the creation of publications published in TOP publications and new outputs beneficial to society and practice.
- j) Maintain high financial support for employees and PhD students for articles published in TOP scientific journals.
- k) Create a new call to support the creation of outputs that will have an exceptional benefit for society and practice.
- l) In the form of a new call, continue to motivate FLD employees and PhD students to promote scientific outputs to practice and the public.
- m) Create a call to support cooperation with external institutions at FLD in 2023.
- n) Increase activity within marketing support in the promotion of studied scientific areas at FLD, significant outputs and their citations.

2.2 Quality PhD studies

- a) Maintain the payment of above-standard scholarships to active and talented PhD students for exceptional work activities, while consistently fulfilling their study obligations.
- b) Announce new calls for PhD students to work on their own projects from the Internal Grant Agency and thus motivate them to independent creative activities.

- c) Announce new calls to support PhD students' (i) long-term internships abroad, (ii) conferences, and (iii) courses, seminars, and workshops.
- d) Consistently check student activities using the WorkIS application.

3. Modern and friendly environment

3.1 FLD as a progressive employer – employees with inner motivation

- a) Organize at least one meeting of teachers with the Dean or Vice-dean for Education in order to pass on current requirements for teaching, news in the education system, planned changes, etc.
- b) Organize training courses (at least two) for teachers with a focus and development of distance learning methods, innovation in teaching, operation of technical equipment at FLD, etc.
- c) Continue with projects of socialization and meetings of employees in an informal environment.
- d) Continue to publish the internal FLD Newsletter, raising the awareness of employees and PhD students.
- e) Continue the set motivation system for rewarding excellent S&R outputs of employees.
- f) Continue to provide funding for graduates of doctoral programmes in junior academic positions.

3.2 Quality technical equipment at FLD

- a) As part of new projects, include the renewal and acquisition of new FLD research and educational infrastructure.
- b) Continue financing repair and maintenance of equipment from Faculty and project funds.
- c) Finish the reconstruction and completion of the old FLD building.

3.3 FLD as a good manager

- a) Provide funds for motivational components of employee wages.
- b) Continue to create reserves for continuous development of the Faculty and to cover the co-financing of large investment and scientific projects.
- c) Create reserves to cover extraordinary and unforeseen costs related to changes in macroeconomic indicators and changes in the external environment.

3.4 Sustainable and socially responsible FLD

- a) Limit non-recyclable waste at FLD events.
- b) Create promotional materials from sustainable and ecological materials. Focus on wooden products.

- c) Continue with FLD activities supporting companies and organizations helping handicapped people, organizations helping animals, etc.

