

Module description

Module	(Green!) Project Development and Management	
Study courses	IFEM students at HNEE and all Master & PhD courses (staff) at UNFU	
Semester	Summer term	
Module coordinator	Prof. Dr. Katharina Stein	
Lecturers	Prof. Dr. Ihor Soloviy, Prof. Dr. Orest Kiyko, + guests	
Status	Elective module	
ECTS-Credits	6	
SWH	4	Workload: 150 h
Max. study places	~6 from each university	
Teaching form	lectures (20h), seminars (18h), practical exercises (22h) and self-study (90h)	Module type: Block module (21.04. – 02.05.2025), 1 online kick-off meeting beforehand (tbd)
Language	English	
Entry requirements	Good English level (at least B2), no proof needed	
Examination form	Project presentation (50%) project report (proposal) (50%)	
Goal	Students are able to develop a project idea towards a project application in an international and interdisciplinary team. They have an overview of the EU-funding landscape as well as about the management of projects and teams.	
Content	<p>The course introduces the students to the project management logic. The various steps in the development of a project application are carried out and reflected on using real-world examples presented, but above all using a project application to be developed by the participants themselves. These include: making an inspirational journey through the stages of identification of ideas, situation analysis with target group analysis, formulation of goals and development of a project intervention logic; and based on this: concrete project planning with partner setting, work packages and responsibilities as well as time and budget planning, and project communication.</p> <p>Emphasis is placed on the precise alignment of the project idea with the funding programme objectives and criteria, as well as on the presentation of the meaningful change, long-term impact and usability of the project results. Also the participants will get a clear understanding how specifically trained project managers can be pivotal in navigating the complex landscape of sustainability compliance.</p> <p>A special focus this time will lay again on Ukraine-specific ((post-)war) issues and thus on the sustainable restoration of socio-ecological systems. For this, the participants will have the opportunity to learn about and exchange with real-life projects and teams of the partner universities and further universities in Brandenburg.</p> <p>This module is jointly implemented by the HNEE and the Ukrainian National Forestry University (UNFU). There will be students from both universities and from the Lithuanian Vilnius Tech. An initial online introductory event will give an overview of the module and initiate the group building and idea generation. The students are expected to prepare themselves through self-study supported by a diverse set of online materials (videos, texts, platforms, set of templates ...). The core of the course will be the two block</p>	

	<p>weeks from 22th April till 2nd May 2024, in which all participants will meet in Eberswalde and engage intensively full-time on-site in group work with coaching, enriched by lectures, seminars and possibly excursions.</p> <p>One day will be dedicated to seminar sessions, in which students will present and discuss different aspects, perspectives and directions regarding project development towards a green transformation of economy and sustainable solutions for forests and the forest sector in Germany and Ukraine. These presentations should be elaborated before the block week phase!</p> <p>Afterwards, the groups will finalise the project proposal as final delivery at the end of May.</p>
Competences	Technical competence (20%) Media competence (20%) Methodological competence (20%) Social competence (20%) Personnel competence (20%)

Literature

Sustainability in Project Management: A Functional Approach - 1st Edit -2021 -

<https://www.routledge.com/Sustainability-in-Project-Management-A-Functional-Approach/Brzowska-Pabian-Pabian/p/book/9780367518745> - (available in a Kindle format)

The AMA handbook of project management, 2018.

<https://www.harpercollinsleadership.com/9780814438671/the-ama-handbook-of-project-management/> - (available in a Kindle format)

Managing Your Academic Research Project. 2020.- <https://www.springer.com/gp/book/9789811591914> - (available in a Kindle format)

Optimizing Project Management. 1st Edition, 2020. - <https://www.routledge.com/Optimizing-Project-Management/Wu/p/book/9780367429928?source=igodigital>

A guide to the project management body of knowledge (*PMBOK Guide*). 6th Edition. Newtown Square, PA: Project Management Institute, 2017. 756 p.

Mikulskiene, Birute. Research and Development Project Management. Study book. Vilnius: Mykolo Romerio universitetas, 2014. 109 p.

Morfaw, J. (2014). Fundamentals of project sustainability. Paper presented at PMI® Global Congress 2014—North America, Phoenix, AZ. Newtown Square, PA: Project Management Institute. - <https://www.pmi.org/learning/library/fundamentals-project-sustainability-9369>

Plieninger, T., Fagerholm, N. & Bieling, C. How to run a sustainability science research group sustainably? Sustain Sci.16, 321-328 (2021). <https://doi.org/10.1007/s11625-020-00857-z>

Project Management Tutorial. Available at: <https://www.knowledgehut.com/tutorials/project-management>

Managing a research project. Available at: <https://www.vitae.ac.uk/doing-research/leadership-development-for-principal-investigators-pis/leading-a-research-project/managing-a-research-project>

Alexis Laurent, Mikolaj Owsianiak, Yan Dong, Mariia Kravchenko, Christine Molin, Michael Z. Hauschild, Assessing the sustainability implications of research projects against the 17 UN sustainable development goals, Procedia CIRP, Volume 90, 2020, Pages 148-153, ISSN 2212-8271, <https://doi.org/10.1016/j.procir.2020.01.077> .

Top 10 Free Project Management Software for 2021. -[Top 10 Free Project Management Software in 2020 \(instagantt.com\)](https://www.instagram.com/top10freeprojectmanagementsoftware/)

Top 20 Best Project Management Software in 2021: An Overview (01 Mar 2021) - <https://mopinion.com/top-20-best-project-management-software-an-overview/>

21 Free Project Management Software Tools for 2021. - <https://clickup.com/blog/free-project-management-software/>

42 Best Project Management Software and Tools (2021 Update). - <https://www.scoro.com/blog/best-project-management-software-list/>

Compare The 15 Best Project Management Software Of 2021. – <https://thedigitalprojectmanager.com/best-project-management-software/>

Project management software for universities, educational and research institutes - <https://www.openproject.org/project-management-universities-research/>

EMDESK Classic for Horizon Europe and H2020. - <https://www.emdesk.com/emdesk-classic-h2020>

Research Project Management - Tools and Resources.- <https://www.sfu.ca/research/resources/institutional-awards/research-project-managers/resources>

Project Management Institute (free resources- registration required), for example can be used - “Tools and Templates.” <http://www.pmi.org/learning/tools-templates>

Project Management for Research. The tools you need to make your research project a success (The Ohio State University). - <https://ccts.osu.edu/content/project-management-research>

How to get funding? E-source: <https://ec.europa.eu/programmes/horizon2020/node/115>

How Project Management Techniques Can Improve Research. -[Electronic source]. Available from: - <https://www.labmanager.com/business-management/how-project-management-techniques-can-improve-research-3378>

Team building in project management. [Electronic source]. Available from: - <https://www.pmi.org/learning/library/team-building-development-project-management-5707>

Project Management for Research Toolkit. [Electronic source]. Available from: - <https://ccts.osu.edu/node/4433>

Project management tools for researchers. [Electronic source]. Available from.- <https://www.vitae.ac.uk/doing-research/leadership-development-for-principal-investigators-pis/leading-a-research-project/managing-a-research-project/project-management-tools-for-researchers>

Discover the Key Features of the Call for Green Transition Projects. <https://www.interregnextmed.eu/discover-the-key-features-of-the-call-for-green-transition-projects/>

Syllabus

Draft version (subject to change), status 26.02.2025

Week 1: Introduction to project logics & situation analysis (21.04 - 25.04.2025)				
Day	Time	Content	Lecturer	Room
Mon, 21.04.		Public holiday (Easter Monday)		
Tue, 22.04.	09:00 – 12:30	Introduction to the Course <ul style="list-style-type: none"> Schedule Lecturers Introduction Green transformation Introduction to Project Management: Key Concepts in the Context of Research Project Management as a Process: Development Phases and Life Cycles (Emphasis on ideation)	Ihor Soloviy Ihor Soloviy Orest Kiyko	17.107
	14:00 – 16:00	Introduction of Funding Calls Practical exercise: How to start? Project initiation. Self-studies / Group work	Orest Kiyko Ihor Soloviy	17.107
Wed, 23.04.	09:00 – 12:30	Seminar (facilitated discussion): Projects development towards green transformation of economy and sustainable solutions for forests and forest sector in Germany and Ukraine (to be further defined in an additional doc)		17.107
	afternoon	free / excursion?		
Thu, 24.04.	09:00 – 12:30	Problem analysis <ul style="list-style-type: none"> Cause and Effect diagram Problem Tree Group work Objective analysis <ul style="list-style-type: none"> Objective Tree Objective tree for strategies identification Group work 	Orest Kiyko	17.107
	14:00 – 16:00	Self-studies / Group work		
Fri, 25.04.	09:00 – 10:30	Writing scientific proposals including: <ul style="list-style-type: none"> General aspects of idea development detailed structure of a project proposal (incl. budgeting) 	Dietmar Sattler	11.016
	10:45- 12:15	Introduction to the German and international funding landscape <ul style="list-style-type: none"> recent developments in funding policy specific characteristics of selected funding programs Coaching with individual project proposals 		
	13:00 – 15:00	Case study for IKI medium grant proposals - The REPLANTICA Project <ul style="list-style-type: none"> project background/idea, grant selection proposal writing process reviews and approval implementation 		11.016

Weekend programme ?

Week 2: Project planning (28.04. - 02.05.2025)				
Day	Time	Content	Lecturer	Rooms
Mon, 28.04.	09:00 – 12:30	Involvement & partners <ul style="list-style-type: none"> Stakeholder analysis “PREMIERE - Preparing Multi-Actor Projects in a Co-creative Way” project presentation (SvM) Practical exercise: Stakeholder analysis	Orest Kiyko Fr. v. Münch- hausen	17.107
	14:00 – 16:00	Development of a Project Plan <ul style="list-style-type: none"> LogFrame Approach Work Packages Budget calculation (JW) Practical exercise: A Logical Framework Approach and Work breakdown structure of the project Self-studies / group work	Ihor Soloviy Jakob Wegener	17.107
Tue, 29.04.	09:00 – 12:30	Quality Assurance & Risk Management <ul style="list-style-type: none"> Monitoring & evaluation (development of good indicators) The concept of R&D project quality Project Quality Management 	Ihor Soloviy	17.107
	14:00 – 16:00	Practical exercise: Monitoring plan Self-studies/ group work	Ihor Soloviy	17.107
Wed, 30.04.	09:00 – 13:00	Project Communication & Dissemination <ul style="list-style-type: none"> “EU-FarmBook” project presentation (FvT) Types, planning, publications, ... 	Felicia von Tulda Ihor Soloviy	17.107
	afterno on	free / excursion?		
Thu, 01.05.		Public Holiday Labour Day bbq at Forest Botanical Garden?		
Fri, 02.05.	09:00 – 13:00	Presentations of project proposal ideas / structure		11.016