

Green Project Development and Management





ABOUT THIS COURSE

- Started in **2021-22** in the framework of the **DAAD** project
- Project management knowledge and skills are vital to the success of **research projects**.
- The students will learn about internationally relevant project management processes and tools and how to adapt them to research projects with specific focus on environment and natural resource management field projects based on **sustainability ideas**.
- They will learn multiple methods through diverse **real cases** to manage successfully and sustainably research projects.

STRATEGIC GOAL –

establishing PM Group within both Universities infrastructure

- 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 process of the management of projects and project teams work

Module coordinator

Prof. Dr. Katharina Stein

Lecturers

Prof. Dr. Ihor Soloviy,

Prof. Dr. Orest Kiyko

Invited experts

Participants

- 13 – Bachelor, Master, PhD student)

In 2022 **GPM** research found that **38%** of projects worldwide were affected by extreme weather made worse by climate change. In 2024, that number jumped to **53%**!



Driving Sustainable
Change for 15 years!



Green Project Management:

What is sustainable project management?

- Green Project Management, also known as Sustainable Project Management, is an approach to project management that emphasizes sustainable development, minimizing negative environmental impact, and promoting social responsibility.
- The methodologies and standards applied, the certifications available, the assessments and models used, and the training and development programs offered.



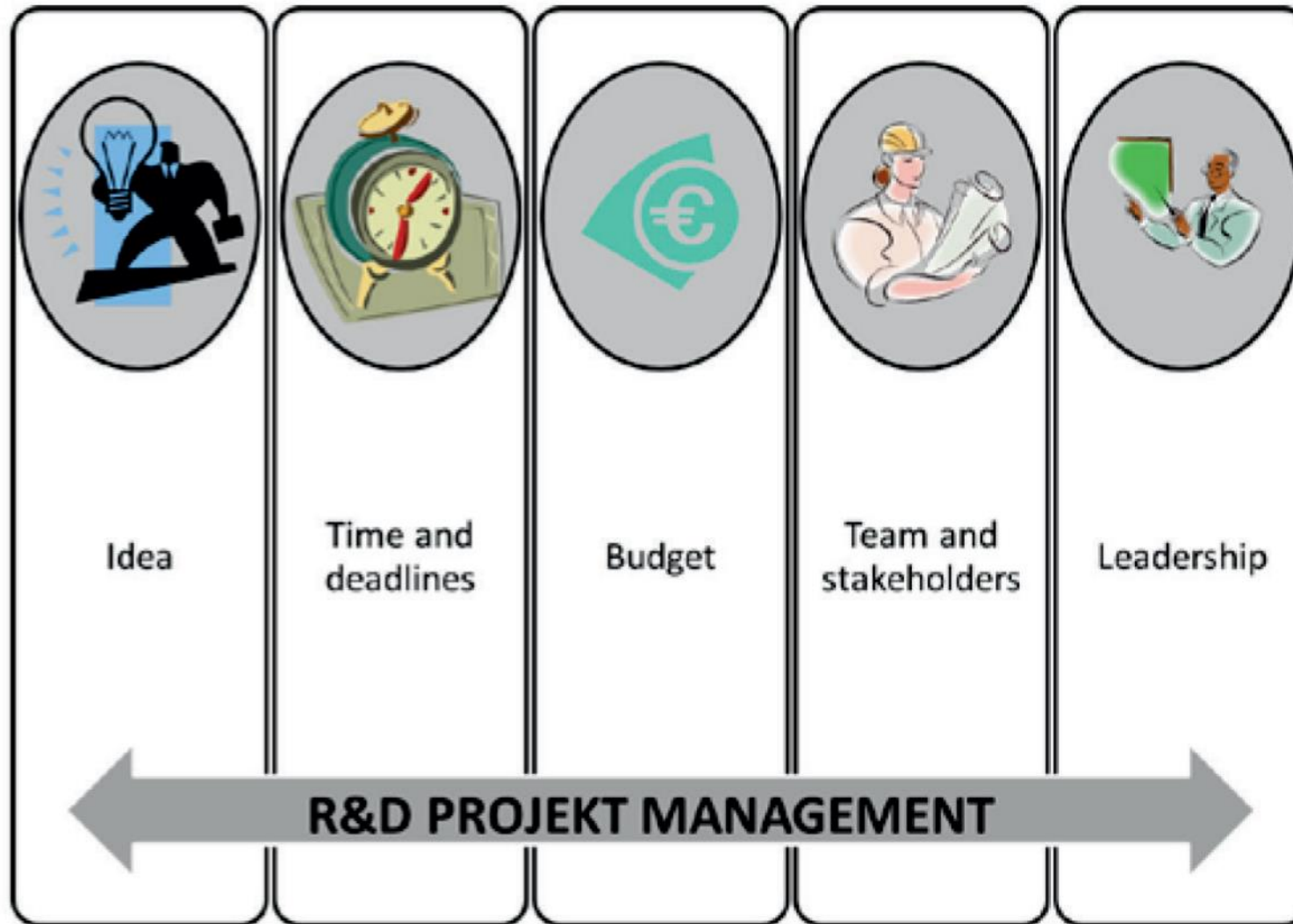
WHAT YOU'LL LEARN

After completing this course you'll be able to:

- *Plan and manage* research projects *sustainably* (that's why it's about green projects)
- *Develop and adapt* project management (PM) to *your research interests*
- *To navigate* through multiple international and European research *funding sources*
- *Develop* planning *documents* for your workplace projects (*templates available*)
- *Design* a team able to achieve desirable results (*team building skills*)
- *Use* a variety of *PM tools and techniques* to manage research projects
- *Anticipate and respond* to common *uncertainties and risks* that affect research projects



R&D Project Management Concept





Lectures (15h)

Lecturers - Prof. Dr. Ihor Soloviy (IS), Prof. Dr. Orest Kiyko (OK), Prof. Dr. Vasyl Lavny (VL)

1. Lecture 1. Introduction to Project Management: Key Concepts in the Context of Research – (IS)
2. Lecture 2. Project Management as a Process: Development Phases and Life Cycles – Emphasis on ideation - (OK)
3. Lecture 3. Project Funding, Selection and Evaluation Procedures (Horizon Europe and Erasmus as a case) - (OK)
4. Lecture 4. Project development (overview) in the field of forest education, bioeconomy, forest sector and forest cluster – OK
5. Lecture 5 – Project Planning and Team Building – (OK)
6. Lecture 6. Project Communications - (IS)
7. Lecture 7. Managing Risk and Uncertainty in Research Projects - (IS)
8. Lecture 8. Project Quality & Standardization - (IS)

Seminar

Theme: *Projects development towards green transformation of economy and sustainable solutions for forests and forest sector in Germany and Ukraine*

Task : *To discuss the top issues which can be in the focus of the projects*

Format : *facilitated discussion*

Expected outcomes: *better understanding of specific sustainability challenges, synergies and trade-offs from national, regional, local and sectoral perspectives through project focused lenses.*

Exam for the module

- **A written assignment**

- Elaboration of a project proposal dealing with “green”/sustainability issues (environmental problems – biodiversity, climate change, loss of ecosystem services etc.) and elaboration of solutions (biodiversity conservation, climate change adaptation and mitigation, development of bio- and circular economy, sustainable forest management, education for sustainable development). The project proposal includes:

- Executive summary
- Needs statement
- Goal and objectives
- Methods,
- Partner settingship,
- staff, and project management
- Budget (approximate)
- Risks
- Quality assurance (how long term sustainability can be achieved)
- Scope: 20-25 pages (see guidelines - [Rules for homework papers \(hnee.de\)](https://hnee.de))

Due to 12th May 2024 (the end of semester), a project sketch has to be developed and uploaded in Moodle



G -P D M course Challenges **(to be discussed and addressed)**



Fundamental

- Different background and experiences of the students
- Adaptation to the students individual interests (flexibility of the course)
- Moving towards a blended learning environment can take time.
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Technical (addressed ?)

- Harmonization of the study schedule (differences with the beginning and end of the semester at the Eberswalde University for Sustainable Development and the Ukrainian National Forestry University etc.)
- The course credits recognition
- Differences in the study results evaluation systems
- Something else ?