Sustainable development in university education – multidisciplinary workshop

A potential target group includes university lecturers and academic instructors from any discipline who are committed to integrating sustainability into their teaching. These participants may come from fields as diverse as natural sciences, economics, social sciences, engineering, or humanities.

The training offers a rare opportunity to explore sustainability not only from a theoretical standpoint but through practical, discipline-specific applications. By engaging in lectures, collaborative discussions, and individual curriculum design tasks, they will develop tools to modernize their teaching materials and better address urgent global issues such as climate change, social inequality, and responsible consumption.

The final interdisciplinary project also equips them with strategies to promote collaboration across departments - an essential skill in modern academia. This workshop empowers educators to be change agents in their institutions by fostering sustainability competencies in future graduates.

A meeting schedule

For each day, the trainer prepares a lecture on a given problem – it takes 1.5 hours; after the lecture, a coffee break, then a discussion on didactic methods that can be used to explain a given problem, and then everyone works on a task from their field, where the given problem will be used. Participants create exercises for their subjects and collect theoretical materials. They also create outlines of lectures. The last day is a joint creation of an interdisciplinary project and presentation of results.

A laptop for individual work and knowledge of English at B1 level are required.

Program

Day 1

Environmental issues - causes, course and effects. Examples of pollution, loss of biodiversity, and unsustainable natural resource use. Individual work of participants on incorporating the discussed issues into their own courses. *Workshop example*: Green Chemistry and Pollution Prevention *[*the thematic scope of the workshop part depends on the participants taking part in the training and will be decided later]*.

Day 2

Climate change - causes, course and effects. Examples of extreme weather events, sea level rise, and impacts on agriculture. Individual work of participants on incorporating the discussed issues into their own courses. *Workshop example:* Integrating sustainability models and statistical analysis for environmental data. Case studies on modeling climate change impacts.

Day 3

Modern social challenges - poverty, health disparities, gender issues and education gaps. *Workshop example:* Exploring Circular Economy Business Models. Individual work of participants on incorporating the discussed issues into their own courses.

Day 4

Economic problems - unsustainable consumption patterns and the need for green technologies and jobs. CSR as a business model. The best CSR practices. Individual work of participants on incorporating the discussed issues into their own courses.

Day 5

A Multidisciplinary Group Project - creating a multidisciplinary project combining various issues and courses [the scope of the project depends on the participants]. Presentations of created projects.

Questions:

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