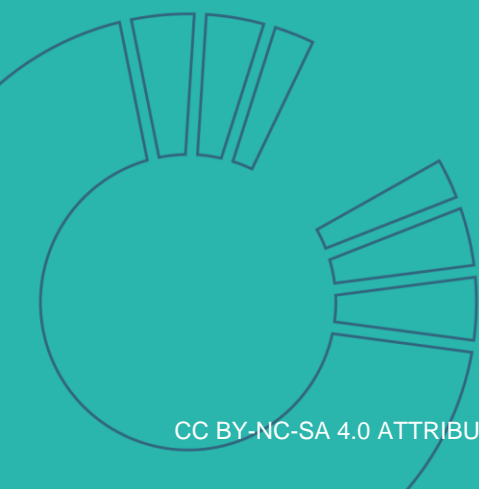


Case Studies in Bioeconomy education, training and skills development

Case study sample: Bioeconomy,
innovation and achieving climate
neutrality in the rural economy (DiMa)

Estonia

CIVITTA



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Bioeconomy, innovation and achieving climate neutrality in the rural economy

1 Abstract

The training program prepares advisors to offer practical solutions to stakeholders in the rural economy, addressing issues related to various aspects of bioeconomy and circular economy, innovation, and the pursuit of climate neutrality.

2 Target Groups

The program is designed for advisors and consultants actively engaged in the rural economy, including those aiming to enhance competencies aligned with professional standards at levels 5, 6, and 7. It is suitable for professionals across all specializations.

3 Case Study Category

Bioeconomy education, training and retraining in Vocational Education and Training (VET).

4 Training Provider

Estonian University of Life Sciences.

5 Region

Estonia.

6 Language

Estonian.

7 Objectives of the education Format

Supplementing education for professionals, this program is dedicated to developing the competencies essential for meeting professional standards.

8 Final objective of the education format

The objective is to equip advisors with the skills to offer practical solutions to stakeholders in the rural economy, addressing issues related to various aspects of bioeconomy and circular economy, innovation, and the pursuit of climate neutrality.

9 Scope and context of the education format

The training consists of three modules: bioeconomy and circular economy, innovation management, achieving climate neutrality in the rural economy. First two modules include visiting enterprises, and they include individual, and group works.

10 Specific Skills and competencies addressed

Technical competencies

Valorisation competencies

The skills and competencies acquired are primarily technical and valorisation in nature, focusing on knowledge and application of specific concepts and principles in the bioeconomy, circular economy, innovation management, and sustainable development. For example: the ability to identify and manage innovation capacity in enterprises; familiarity with different investment opportunities related to innovation in the bioeconomy; knowledge of climate objectives; carbon footprint assessment.

11 European Qualification Framework level/s

The course is meant to supplement; Level 5, Level 6, Level 7.

12 Main benefit of the participant

Certificate.

13 Main cost categories considered

Trainers' salaries, rooms and equipment, training materials.

14 Importance and impact

The course accommodates a maximum of 20 participants and is offered approximately twice a year.

15 Relevance (of the format)

The training is tailored to address local needs, filling a gap for a target group consisting of consultants and advisors, for whom specific training programs are currently unavailable. However, there are certain limitations to consider. The training is not eligible for natural persons and civil servants, and the language of instruction being in Estonian may also serve as a restricting factor.

16 How can it inspire BioGov.net (Why was it designed in this specific way / what are the success factors?)

This training serves as an exemplary model tailored to address the specific needs of advisors and consultants within the local context. By incorporating workplace visits, it fosters a robust understanding and practical application of bioeconomic and circular economy principles within the industry.

17 Data sources

- **Online resources:**
<https://www.emu.ee/et/ylikoolist/uudised/sundmused/kalender/2023-02-08/biomajandus-innovatsioon-ja-kliimaneutraalsuse-saavutamise-maamajanduses/>
[https://ois.emu.ee/pls/ois/!tere.tulemast?leht=OK.AY.VP&id_ay_programm=14243&id_ay_toimumine=20145&systemi_seaded=3,1,12,1,](https://ois.emu.ee/pls/ois/!tere.tulemast?leht=OK.AY.VP&id_ay_programm=14243&id_ay_toimumine=20145&systemi_seaded=3,1,12,1)
- **Resource persons:** Kristina Marran, coordinator
- **Other sources, if any:** -

