



SUBJECT DATASHEET

**ESG workshop – Climate change, climate adaptation and mitigation
in practice**

BMEGT42RRR5016-00

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name

ESG workshop – Climate change, climate adaptation and mitigation in practice

ID (subject code)

BMEGT42RRR5016-00

Type of subject

contact unit

Course types and lessons

<i>Type</i>	<i>Lessons</i>
Lecture	0
Practice	9
Laboratory	0

Type of assessment

obtaining
signature

Number of credits

3

Subject Coordinator

<i>Name</i>	<i>Position</i>	<i>Contact details</i>
Dr. Buzási Attila	associate professor	buzasi.attila@gtk.bme.hu

Educational organisational unit for the subject

Department of Environmental Economics and Sustainability

Subject website

<https://edu.gtk.bme.hu>

Language of the subject

magyar - HU

Curricular role of the subject, recommended number of terms

Programme: „ESG consultant

Subject Role: **Compulsory elective**

Recommended semester: **2**

Direct prerequisites

Strong None

Weak None

Parallel None

Exclusion None

Validity of the Subject Description

Approved by the Faculty Board of Faculty of Economic and Social Sciences, Decree No: 580387/26/2025 registration number. Valid from: 2025.05.28.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

The aim of the course is to introduce various aspects of climate change-related mitigation and adaptation through a thematic workshop.

Academic results

Knowledge

1. The student knows the basics of climate change mitigation and adaptation.
2. Knows the theoretical basis of carbon footprint calculation.

Skills

1. The student is able to perform climate risk analysis.
2. Able to calculate carbon footprint.
3. Able to plan mitigation and adaptation measures.

Attitude

1. The student is able to understand the economic and social impacts of climate change through systems thinking.
2. Has a sense of responsibility to continuously improve the company's climate performance.
3. Has an action-oriented approach.

Independence and responsibility

1. The student is able to independently interpret the company's carbon footprint.
2. Has responsibility for the implementation of all related management tasks.

Teaching methodology

Practice – full-day workshop

Materials supporting learning

- Elméleti bevezető diások / Ppt slideshow about principles

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The learning objectives detailed in 2.2 will be assessed by means of active participation in the workshop.

Performance assessment methods

Checking active participation in the workshop by means of an attendance sheet.

Percentage of performance assessments, conducted during the study period, within the rating

Percentage of exam elements within the rating

Conditions for obtaining a signature, validity of the signature

Active participation in the workshop. Signing the attendance sheet.

Issuing grades

Excellent	100
Very good	100
Good	100
Satisfactory	100
Pass	100
Fail	0

Retake and late completion

As the condition for obtaining a signature is active participation in the workshop, repeat, retake, and late completion are not possible.

Coursework required for the completion of the subject

Attendance	9
Processing background materials	20
Learning individually	20
Preparing for final exam	41
Total	90

Approval and validity of subject requirements

Consulted with the Faculty Student Representative Committee, approved by the Vice Dean for Education, valid from: 05.05.2024.

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

Subject includes the topics detailed in the course syllabus to ensure learning outcomes listed under 2.2. can be achieved.

- 1 Climate change, climate adaptation and mitigation in practice. Carbon footprint calculation – practical workshop

Additional lecturers

- -

Approval and validity of subject requirements