

Newsletter

05/2022

Starting date

01.11.2019

Duration:

24 months

Partners

Lodz University of
Technology (Poland) -
project coordinator



University of Thessaly
(Greece)



University of Aveiro
(Portugal)



University of Library
Studies and Information
Technologies (Bulgaria)



University of Tallinn
(Estonia)

High5 project

Transdisciplinary Methodology for Integrated Design in Higher Education

AIM: Creation of a new methodology of solving engineering/business problems - Integrated Design approach. It is based on already existing methods and approaches:

- Design Thinking
- Problem Based Learning
- Sustainable development,
- Circular economy,
- Innovation thinking,
- Entrepreneurial skills.



HIGH 5

Key Actions:

- Formation of Integrated Design on the bases of common knowledge and experience
- Elaboration of Materials for both teachers and students
- Creation of on-line course for teachers
- Conduction of student's team projects during International summer schools
- Evaluation of projects
- Preparation of Integrated Design course program
- Collecting good practices in handbook form
- Boosting creativity of various target groups
- Organizing Project's Final Conference to share with the world: Integrated Design

Contact Us

Project website

high5project.eu

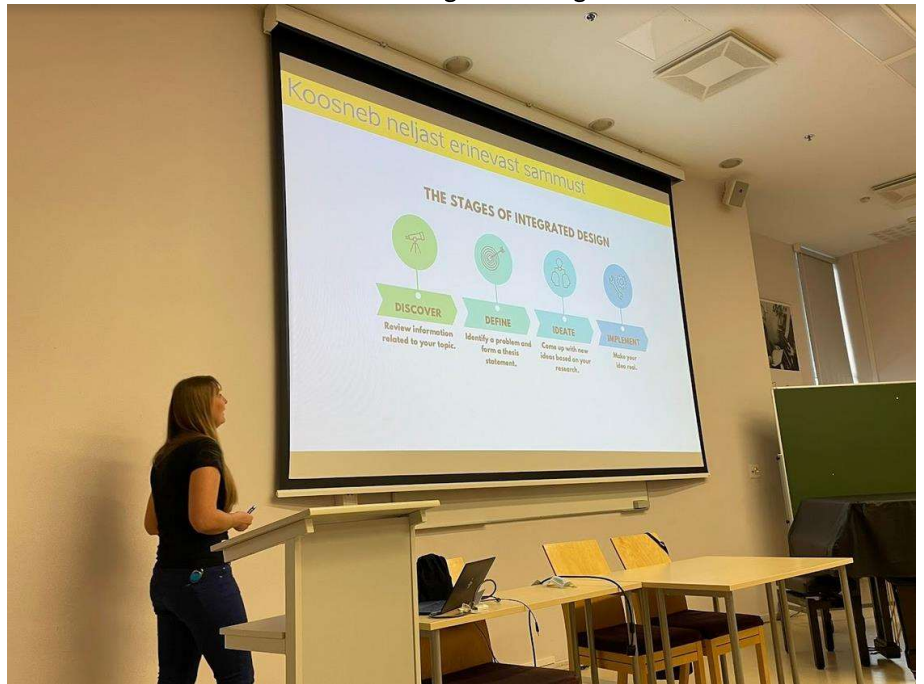
Email

high5project@gmail.com

Creative Boost event in Tallinn

The multiplier event or creative boost event for the High5 project took place on 18th of March in Tallinn University. Students from Gustav Adolf Grammar School with their teacher came for a half a day hands on workshop that continued over the next weeks. The multiplier event or creative boost event for the High5 project took place on 18th of March in Tallinn University.

First we introduced them what is Integrated design and how it works.



Triinu Jesmin giving the lecture about integrated design

Then we proceeded with the lecture of sustainable issues as it is one part of integrated design and our workshop was built on providing innovative solutions to these issues.



Jaanus Terasmaa giving the lecture about sustainability

Then we introduced them workshop theme “How to make GAG more energy efficient?” We divided the students into eight groups of 4 to 6 students. We used a tool called Design Thinking for Sustainability (DT4S) to conduct the process of Integrated Design.

The students started with the Discovery phase and worked their way into Define. They worked on each of the stages for an hour. Then they made a presentation to the other groups about their problem that they started to solve over the next weeks.



Teams working in groups during the multiplier event

Final conference in Tallinn

Integrated Design Conference

On the 29th of August in Tallinn University

In the conference we will introduce the integrated design method*. The event is appealing to anyone who cares about education - educationers, students or just an enthusiasts.



The event was attended by 50 participants from Estonia and 10 participants from abroad (Latvia, Romania, Finland, Portugal).

Conference lasted whole day, starting with welcoming words by Tallinn University Vice-Rector for Educational Innovation Kristi Klaasmägi, who spoke about importance of the innovative approaches and methodologies in education. After that project coordinator Anna Laska-Leśniewicz introduced the High5 project and Integrated Design.



This was followed by Aleksandra Jastrzębska who presented developed ID materials. This was followed by overview of summer schools in Aveiro and Volos. Project member introduced the organizational part, participant's



selection system and other aspects of the summer schools. Student Mari Morel, who participated in Volos summer school, gave her perspective on the integrated design and its usefulness for solving problems. Her

opinion was, that ID is very useful methodology, but it takes time to learn it.

After the short break two following sessions of workshops started. Altogether we had nine different workshops to choose from. All teacher had possibility to participate in two. Workshops covered wide variety of ID topics, starting from the methodology itself up to brainstorming methods, gamification, circular economy, pictograms, entrepreneurship, sustainability, digital tools and students group formation techniques.



ID conference workshops

In the closing session participant had possibility to give feedback in oral form, but also through the sli.do web application. Given keywords (in English and in Estonian language) are describing the core-concept of the ID.



Wordcloud by conference participants.