

## Newsletter

03/2021

## Starting date

01.11.2019

## Duration:

29 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

2019-I-PL01-KA203-065784

## 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.



### 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

Co-funded by the  
Erasmus+ Programme  
of the European Union





## Contact Us

### Project website

[high5project.eu](http://high5project.eu)

### Email

[high5project@gmail.com](mailto:high5project@gmail.com)

## Professional Teachers' Training in Design Thinking and Entrepreneurial skills – Online Training (C2)

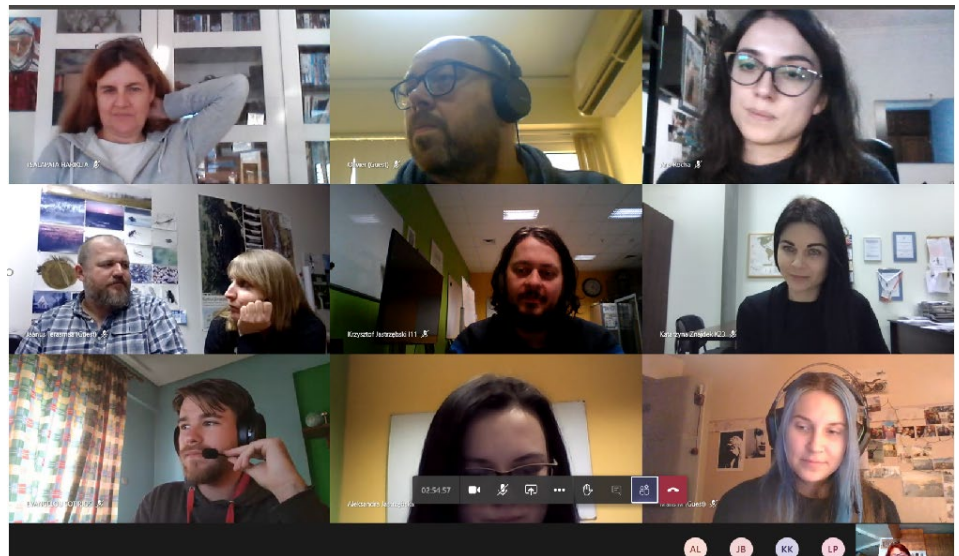
25.01.2021-03.02.2021, "Host ULSIT in Sofia"

The partners from High5 consortium took part in the training C2. The training was devoted to Design Thinking and entrepreneurial skills. Because of pandemic situation, the training was in online form. Unfortunately, the High5 teachers could not visit Sofia but the training was really fruitful for everyone.

First three days of the training focused on the implementation of Design Thinking approach and creativity. Members of DT4U team from Lodz University of Technology shared their valuable experience from previous projects and activities.

The second C2 part was on the development of entrepreneurial skills and presentation of essential tools that can be applied in Integrated Design Team Project.

The last part of the training was about Agile Design Thinking and the innovative approach in learning so-called nugget education.



.. And the achieved results are:



Bio Restaurant



Covid19 Free Zone



Plastic Pollution

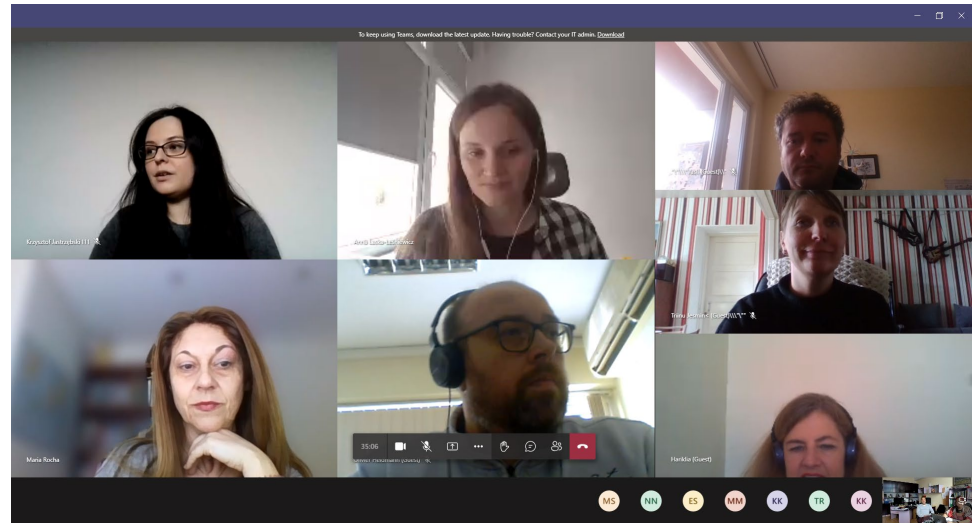


## Teacher's Training in Gamification and Learning – Online Training C5

10.03.2021-19.03.2021, Host - University of Thessaly

**Games – the best teachers ever and forever.**

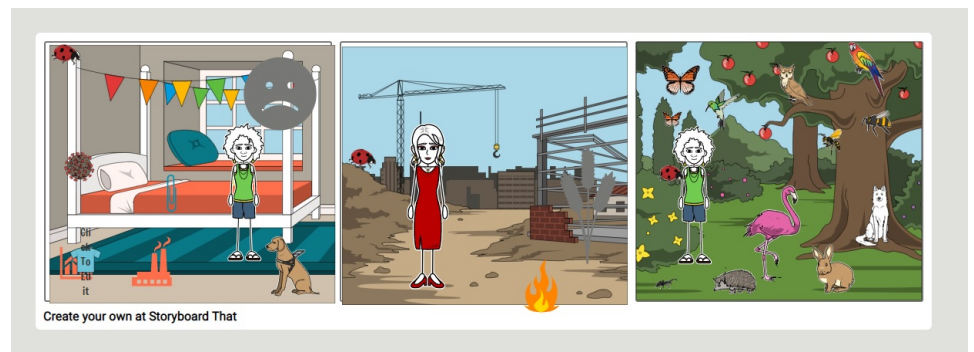
During the training, we worked on games development.



The training in Gamification and Learning introduced Game development from Game concept, player's role and understanding the potential player through storytelling and game worlds to the prototype.

19 teachers for High5 consortium participated in the online training.

The three teams had to designed a game under the slogan **Save the planet**. One of the groups decided to prepare a game called *Enrich the nature*:



The trainees played all time long and used online tools like *Storyboard That* to enrich their educational outcomes.

Happy  
spring  
holidays!

Wesołych  
wiosennych  
wakacji!

Καλές  
εαρινές  
διακοπές!

Felizes  
Férias  
de Primavera!

Весели  
пролетни  
празници!

Häid kevadrühi!



Discover

Define

Ideate

Implement

Contact Us

Project website

[high5project.eu](http://high5project.eu)

Email

[high5project@gmail.com](mailto:high5project@gmail.com)

This project has been co-funded by the Erasmus+ Programme of the European Union.

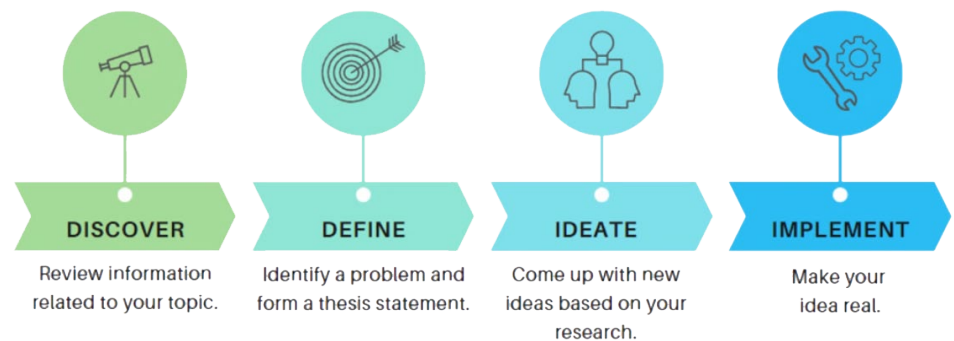
This publication reflects the views only of the author, the National Agency and European Commission cannot be held responsible for any use which may be made of the information contained therein.

PUBLICATION FREE OF CHARGE

## Integrated Design

The first version of High5 Integrated Design process chart has been prepared.

### THE STAGES OF INTEGRATED DESIGN



It is based on the Design Thinking approach.

### First step - DISCOVER

The stage is about knowing the topic and **EXPLORE** it! As Integrated Design is user-centered methodology, it is crucial to **KNOW YOUR USER!**

One key driver for innovation are the changing needs of customers and users which can be ranked using the Maslow pyramid as a framework. Students can use it to analyze and define specific needs of the

target users.



Discover

Define

Ideate

Implement

Contact Us

Project website

[high5project.eu](https://high5project.eu)

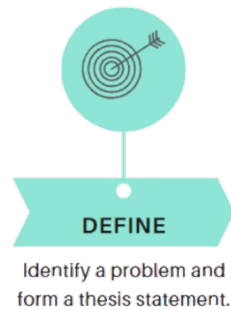
Email

[high5project@gmail.com](mailto:high5project@gmail.com)

This project has been co-funded by the Erasmus+ Programme of the European Union.

This publication reflects the views only of the author, the National Agency and European Commission cannot be held responsible for any use which may be made of the information contained therein.

PUBLICATION FREE OF CHARGE



## Second step DEFINE

### DEFINE THE CHALLENGE

Properly framing your design challenge is critical to your success. Here's how to do it just right.

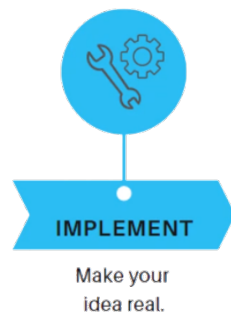
Every problem is an opportunity for design. By framing your challenge as a How Might We question, you'll set yourself up for an innovative solution.



## Third step IDEATE

A huge part of human-centered design is following your nose. If you've got a feeling about something, give yourself a chance to explore it.

Steps: **Brainstorming, Evaluation Of Ideas, Idea Selection**



## Fourth step Implement

Always start this step with **PROTOTYPING OF YOUR IDEA**

Some tips can be:

- Get **Visual**
- Create a **Journey Map**
- Make a **Storyboard**
- Perform a role play session

After prototyping the idea it is crucial to test and get feedback. Implementation model that are created within the frame of Integrated Design methodology will be presented soon.

