



CREATIVE TECHNOLOGIES LEARNING LAB



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



CREATIVE TECHNOLOGIES LEARNING LAB

[HTTP://CTLL.E-CE.UTH.GR](http://ctll.e-ce.uth.gr)

We integrate emerging design,
pedagogies, and ICT

for generating innovative, rewarding,
and effective learning experiences

that build the knowledge and skills

needed by industry and society in
today's world.

METHODS AND TECHNOLOGY



Methodologies



Technology



Games and play



Digital games



**Design thinking
active, PBL, experiential**



Collaboration platforms

RESEARCH PROJECTS

44 research projects

Collaboration with over 50 organizations



Europe

Norway	UK	Hungary	UK	Slovakia
Sweden	Ireland	Romania	Ireland	Poland
Denmark	Spain	Bulgaria	Spain	Croatia
Finland	Portugal	Cyprus	Portugal	Turkey
Estonia	France	Italy	France	
Lithuania	Czech Rep	Slovenia	Czech Republic	

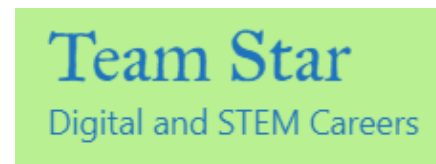
Asia

Malaysia
Nepal
Pakistan
Vietnam
Cambodia

RESEARCH PROJECTS ON GAMES



RESEARCH PROJECTS ON METHODOLOGIES DESIGN THINKING, PBL, ACTIVE LEARNING, MORE





HERA PROJECT
[HTTP://HERAPROJECT.EU](http://heraproject.eu)

City builder game

For problem-based learning

Multi-user, roles

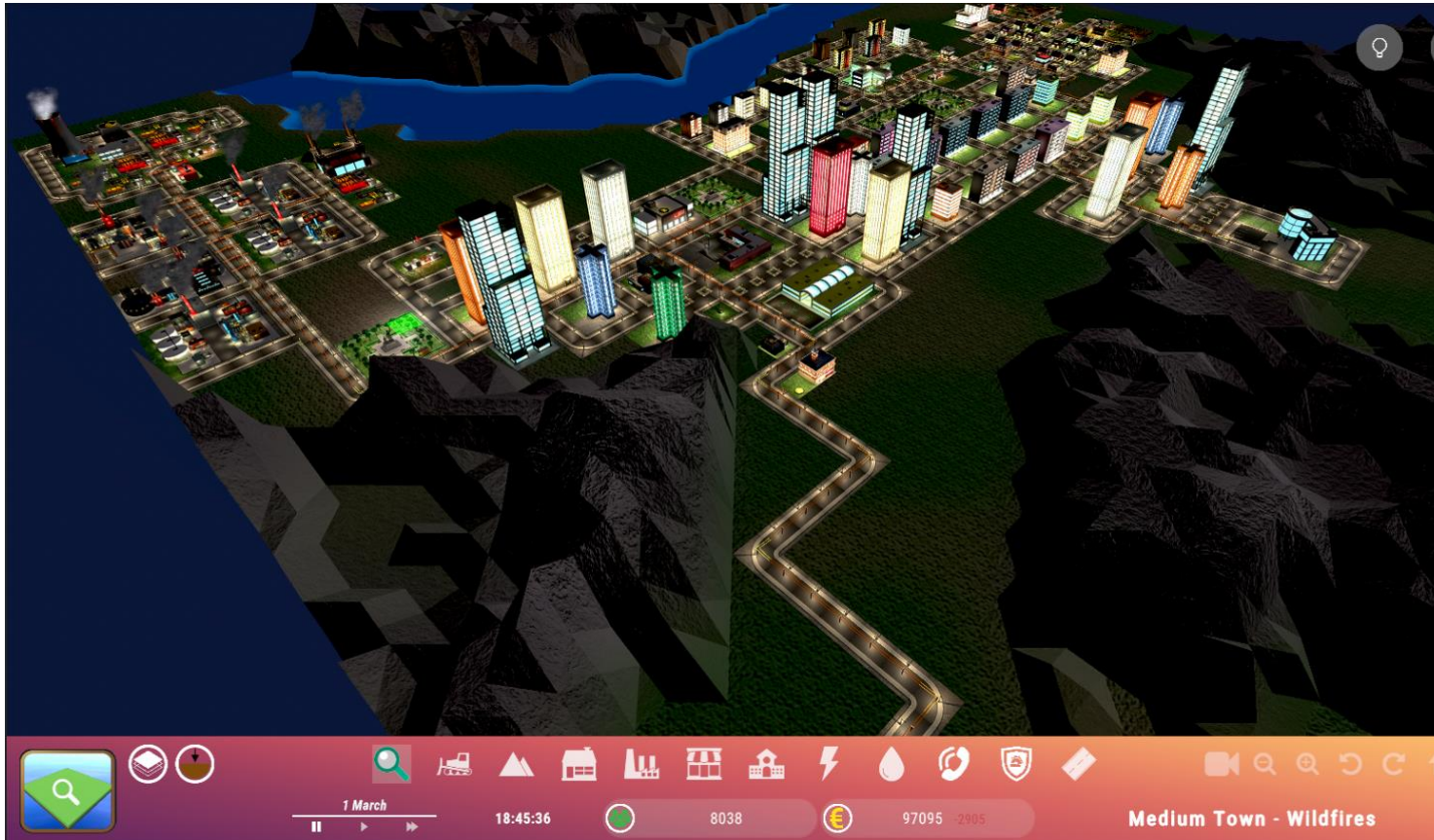
Collaboration tools

Over 100 structures

Day and night cycles

Weather conditions

Higher education



TAKEITSERIOUS PROJECT

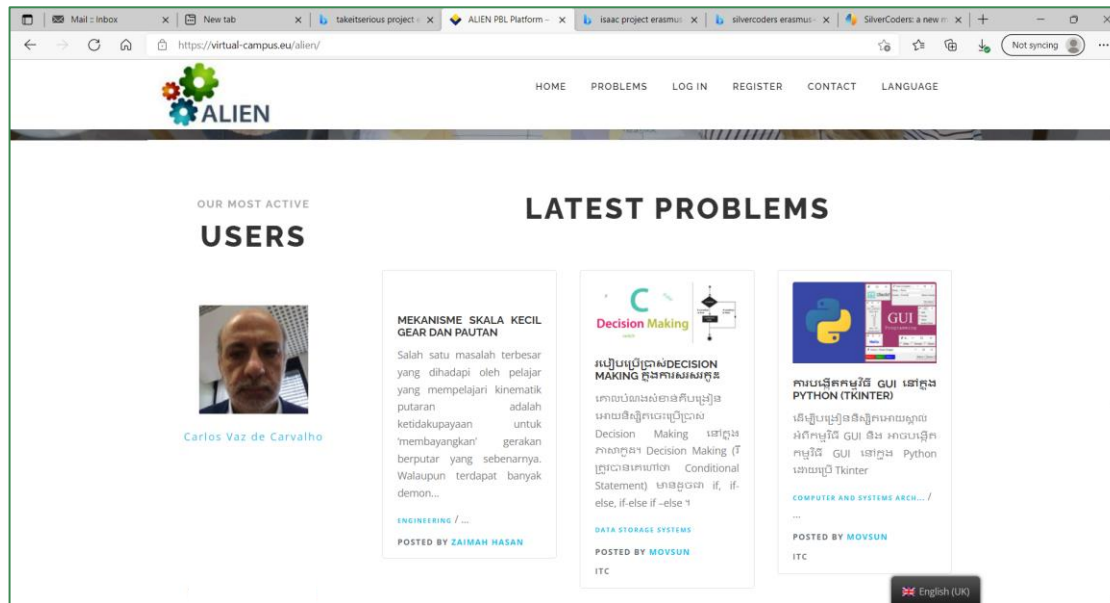
Serious game

For disaster management

K12 education

ALIEN PROJECT

[HTTP://PROJECTALIEN.EU](http://projectalien.eu)



Problem-based learning in Engineering education, Europe and Asia





ALIEN PROJECT
[HTTP://PROJECTALIEN.EU](http://PROJECTALIEN.EU)

Laboratory development in
Cambodia, Vietnam, and
Malaysia



ALIEN PROJECT
[HTTP://PROJECTALIEN.EU](http://PROJECTALIEN.EU)

Laboratory development
in Cambodia and Nepal



Visual programming

3D environment

Secondary education

Targeting all learners, but focus on girls



CODING4GIRLS PROJECT
[HTTP://CODING4GIRLS.EU](http://coding4girls.eu)



Serious games

For lean design

In higher education

LEAP PROJECT - 5S
[HTTP://LEAPPROJECT.EU](http://leapproject.eu)



Your team is working)

Next

LEAP PROJECT - SCRUM
[HTTP://LEAPPROJECT.EU](http://leapproject.eu)

Serious games

For agile design

In higher education



Serious games

For language learning

In pre-school education

LANGUAGEGAMES PROJECT
[HTTP://WWW.LANGUAGEGAMES.EU/](http://www.languagegames.eu/)



Visual programming

For building critical thinking

In primary education

CMINDS PROJECT



Serious game

For green skills development

Sandbox, open-ended

K12 education

ENVKIDS PROJECT

[HTTP://OHMPRO.ORG/ENVKIDS/](http://ohmpro.org/envkids/)



Instructor training for
preschool teachers
in Greece,
2019

COLLABORATION WITH EDUCATIONAL STAKEHOLDERS

SECONDARY EDUCATOR TRAINING IN GREECE, 2019



Secondary education instructor training on PBL





INSTRUCTOR TRAINING ON PBL IN KUALA LUMPUR, 2019



INSTRUCTOR TRAINING ON PBL IN HANOI, 2019



INSTRUCTOR TRAINING IN GREECE, 2020

Programming games

Focus on girl engagement



INSTRUCTOR TRAINING IN GREECE, 2021

Training on design thinking