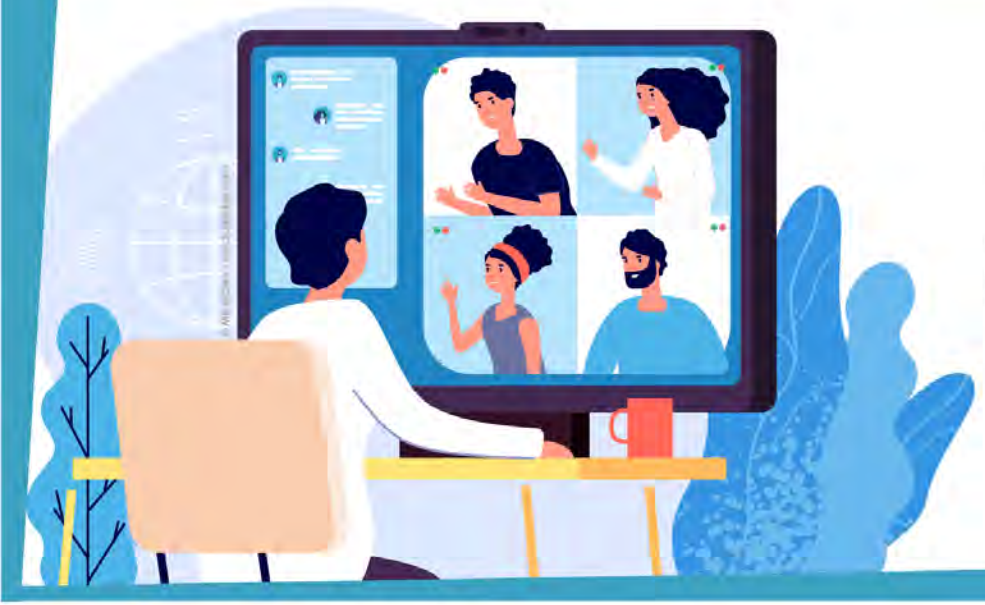

SCIENCE PROJECTS ONLINE WORKSHOPS (SPOWs)

The Scientix project has received funding from the European Union's H2020 research and innovation programme – project Scientix 4 (Grant agreement N. 101000063), coordinated by European Schoolnet (EUN). The content of the paper is the sole responsibility of the authors and it does not represent the opinion of the European Commission (EC), and the EC is not responsible for any use that might be made of information contained.

ICT-INOV METHODOLOGY FOR INNOVATORS

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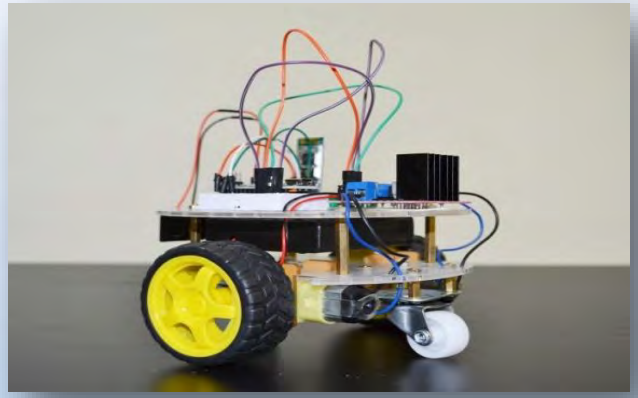
Who we are

A Multidisciplinary Research and Development Association involved in several International, European and National projects.

Geotechnical Engineering

Science Education

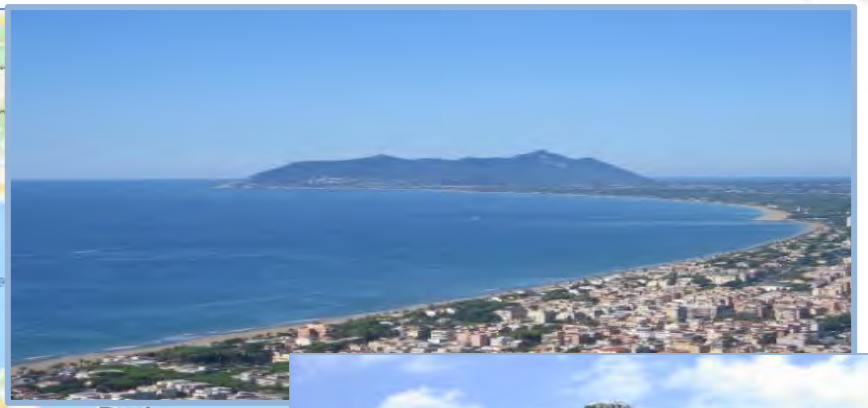
ICT



Educational robotics

Where we are

Milano
Verona
Venezia
Trieste
Grenoble
Torino
Padova
Croazia
Genova
Bologna
Zara
Nimes
Pisa
San Marino
Monaco
Marsiglia
Cannes
Firenze
Italia
Corse
Ro
Bari
Napoli
Pompei
Matera
Taranto
Lecce
Sardegna
Mar Tirreno
Cagliari
Reggio
Calabria
Palermo
Trapani
Marsala
Sicilia
Catania
Siracusa
Tunisi



European projects

G.A. STEM

TeamStar
digital and STEM careers

BoostClass2.0

C4G

ICT-INOV
MODERNIZING ICT EDUCATION FOR HARVESTING INNOVATION

DESIGN THINKING Skills

Digital Stories

Big Game Project

PROJECT NATURE

DIGICULT

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The community for science education in Europe

ICTNOV - Modernizing ICT Education for Harvesting Innovation

Panepistimio Thessalis

Tallinn University

Hanoi University
Trung Tam Xuat Sac John Von Neumann

Kathmandu University
Tribhuvan University

Universiti Tenaga Nasional SDN. BHD
University of Malaya

Isra Islamic Foundation (Guarantee)Limited

EU-Track

Instituto Politecnico Do Porto

Erasmus Plus – Capacity Building for Higher Education

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Introduction

The **ICT sector** is constantly **growing**, **influencing** the **world economy** and the **labour market**.

Education plays a **fundamental role** in developing **young people 21st century world skills**.

These skills are, e.g., **creativity**, **innovation**, **adaptability**, **problem-solving**, **independent learning**.

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Design Thinking Approach

In education, **design thinking** becomes a combination of **human-centred**, **inquiry-based** scaffolding and **innovation** mindsets.

Students apply **transdisciplinary knowledge** and **skills** with **creative practices** to **discover empathetic insights** collaboratively, **generate new ideas**, and **create** and **test** tangible **outcomes**.

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Project tools

ICT-INOV Platform https://ictinov.e-ce.uth.gr/#/

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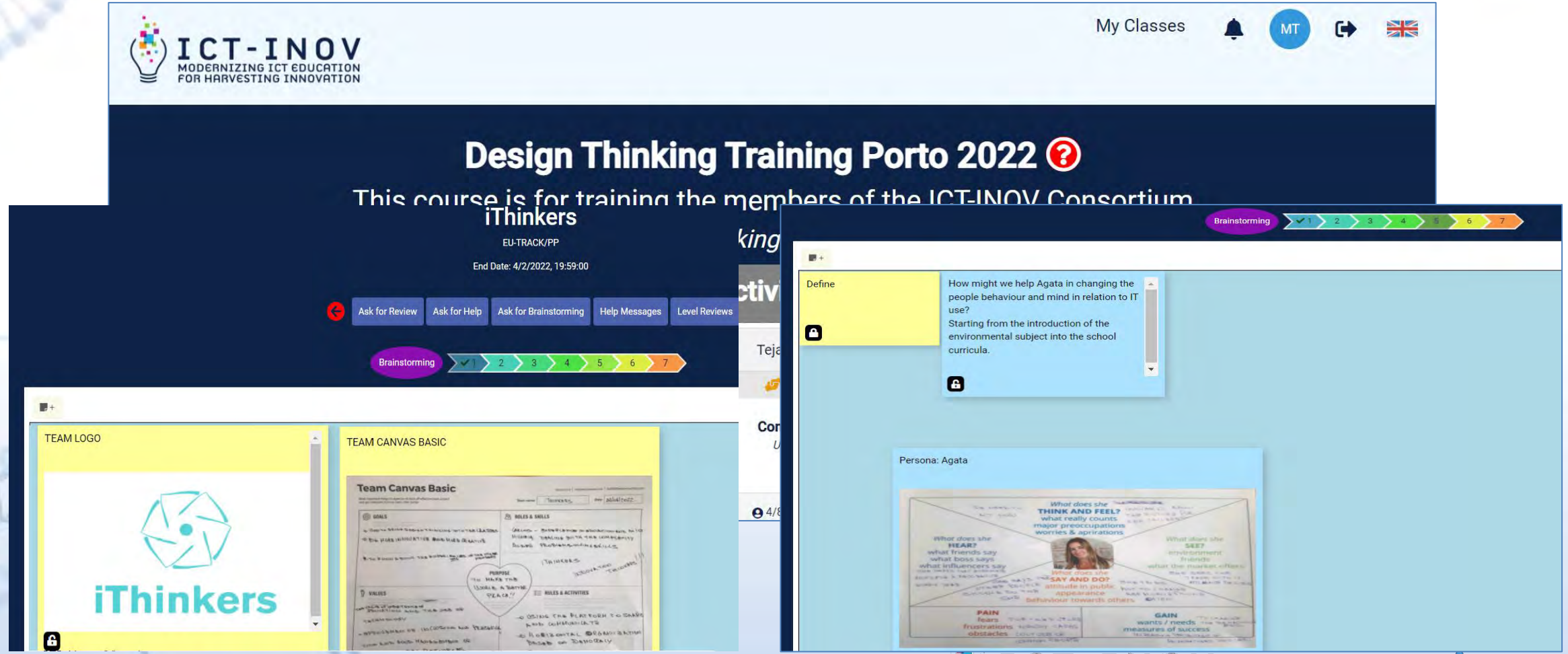
Project tools



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Thank you for your attention!

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