



SMARTSOC

EDUCATION OF FUTURE ICT EXPERTS BASED
ON SMART SOCIETY NEEDS



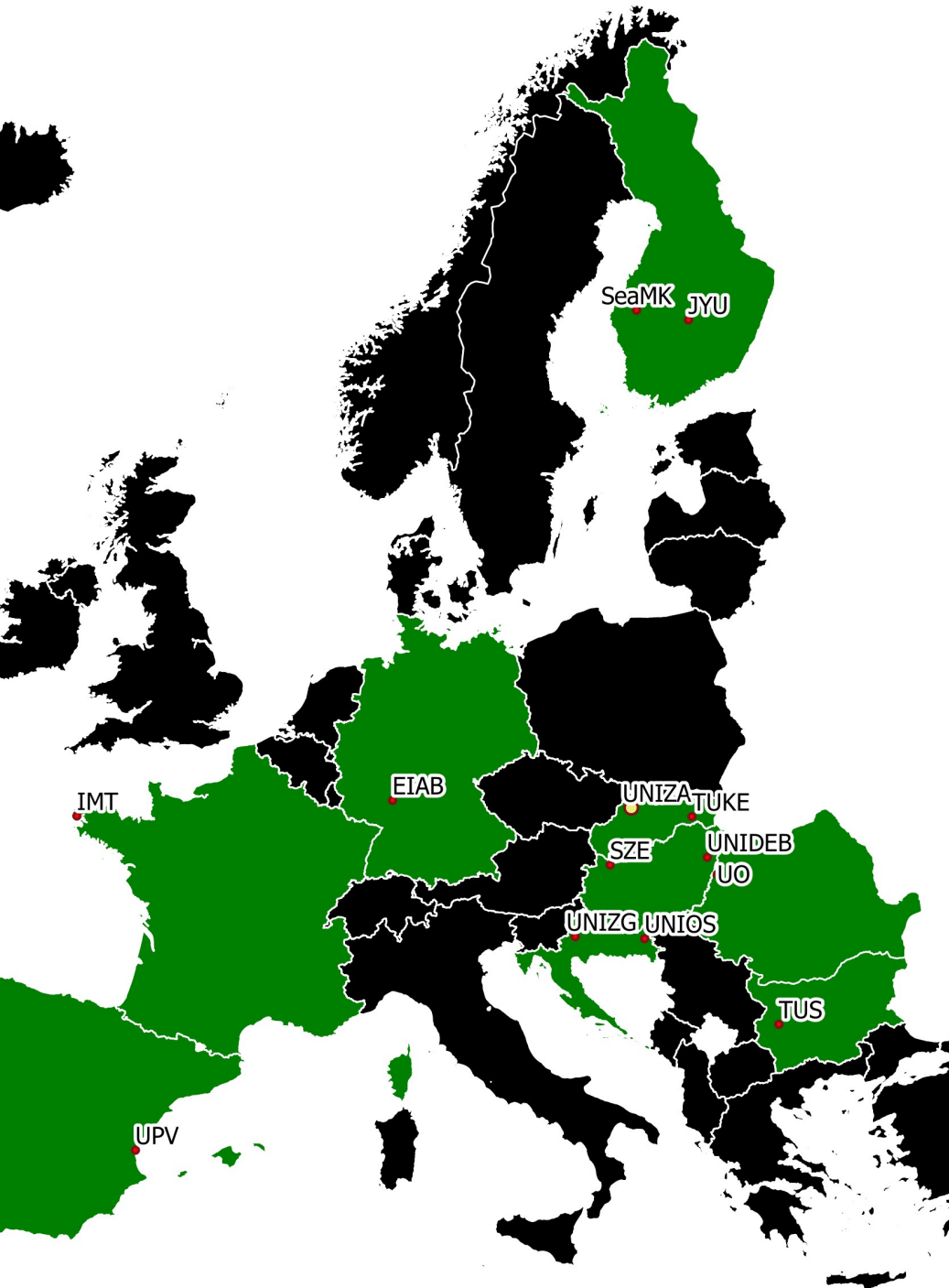
ABOUT SMARTSOC

SmartSoc enforces ICT student teams to deal with economic, societal and environmental challenges defined by strategic documents:

- „Transforming our world: the 2030 Agenda for Sustainable Development (SDG 2022)“
- the United Nations resolution
- "Horizon Europe (HEU)"
- the European Union research and innovation programs
- „Smart specialisation strategies (S3)“ for regional development in the EU
- Cohesion policy of the European Commission



PARTNERS



UNIVERSITY OF
ZILINA
Slovakia





PROJECT ACTIVITIES



Virtual mobility

- Students are getting to know each other.
- Virtual communication is widely used (e.g., Microsoft Teams, FB groups, e-mail).
- Students and entrepreneurial study supervisors work on a case study.
- A written artifact for a given entrepreneurial study is prepared as a foundation for the physical mobility.

Physical mobility

- Physical mobility is an execution phase in which students attend two-week workshops hosted by partner universities.
- Students attend SmartSoc lectures.
- They intensively work on an entrepreneurial study.
- Intercultural dialogue is achieved through rich activities.
- Students present findings from the entrepreneurial study.

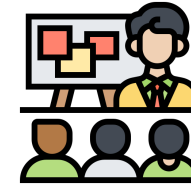
BE SMART AND JOIN US

WHAT YOU NEED IS SMART

PROJECT STATISTICS



23 CASE STUDIES



3 WORKSHOPS



25 NEW PRODUCTS/ START UPS



115 STUDENTS





**ENTREPRENEURIAL
CASE STUDIES
2020 - 2022**



TACKLING A COMPLEX URBAN MOBILITY CHALLENGE: A CAR FREE AND GREEN



PARKING SPACE MANAGEMENT FOR URBAN SOCIETY



SUSTAINABILITY IN AGRICULTURE: A GRAIN DRYER WHICH IS BOTH ENERGY AND TIME EFFICIENT

ENTREPRENEURIAL CASE STUDIES 2020



ADVANCED APPLICATIONS OF 3D PRINTING SUPPORTING SOCIETY



COLLABORATIVE MOBILITY



INTELLIGENT LED LIGHTS FOR SMART CITY



HOME ALONE AND RELIEVING THE PRESSURE OF THE HEALTHCARE SYSTEM



SMART MUSEUMS
ENTREPRENEURIAL CASE 01

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

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A SELF-DRIVING TRACTOR IS CHANGING THE FUTURE OF FOOD BUSINESS
ENTREPRENEURIAL CASE 02

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

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SAFE, EFFECTIVE AND SUSTAINABLE COVID-19 PROTECTION OPERATIONS IN CONGESTED AREAS
ENTREPRENEURIAL CASE 03

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

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SMART RECYCLING IN LATEST TECHNOLOGIES
ENTREPRENEURIAL CASE 04

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ENTREPRENEURIAL CASE STUDIES 2021



CYBER SECURITY
ENTREPRENEURIAL CASE 08

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CREATION OF IDENTIFICATION METHODS AND TOOLS TO DISTINGUISH BETWEEN ORIGINAL OR COUNTERFEIT PRODUCTS
ENTREPRENEURIAL CASE 06

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HEALTH ON THE MOVE
ENTREPRENEURIAL CASE 05

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SMART PACKAGE SOLUTIONS TOWARDS SUSTAINABLE SOCIETY
ENTREPRENEURIAL CASE 07

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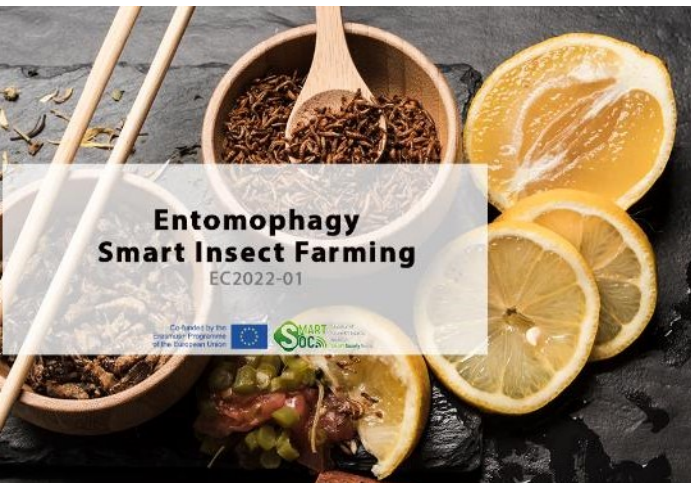
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5G OPEN ACCESS NETWORK IN EVENT MANAGEMENT
ENTREPRENEURIAL CASE 09

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**Entomophagy
Smart Insect Farming**
EC2022-01

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**Boosting collaborative and
smart governance in COVID
times**
EC2022-02

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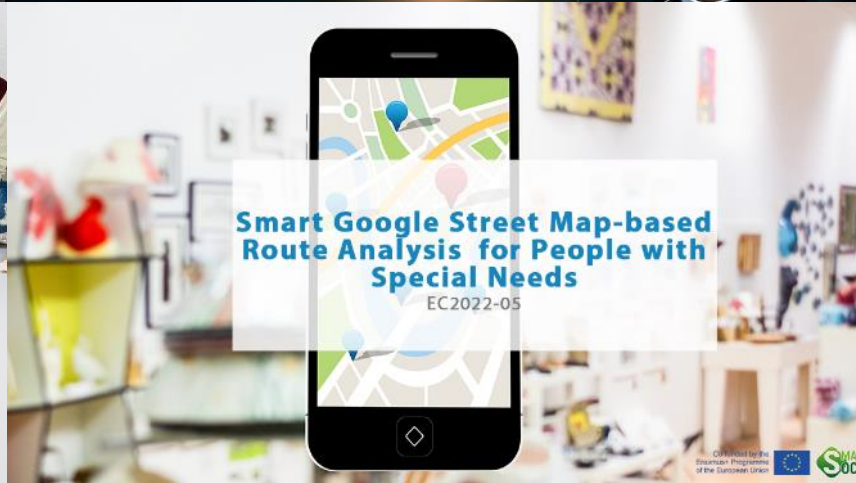


**Minimizing the Risk of
SARS-CoV-2 Virus Infection
by Assessing Virus Exposure**
EC2022-03

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**Creative learning and team
building with 3D printing**
EC2022-04



**Smart Google Street Map-based
Route Analysis for People with
Special Needs**
EC2022-05

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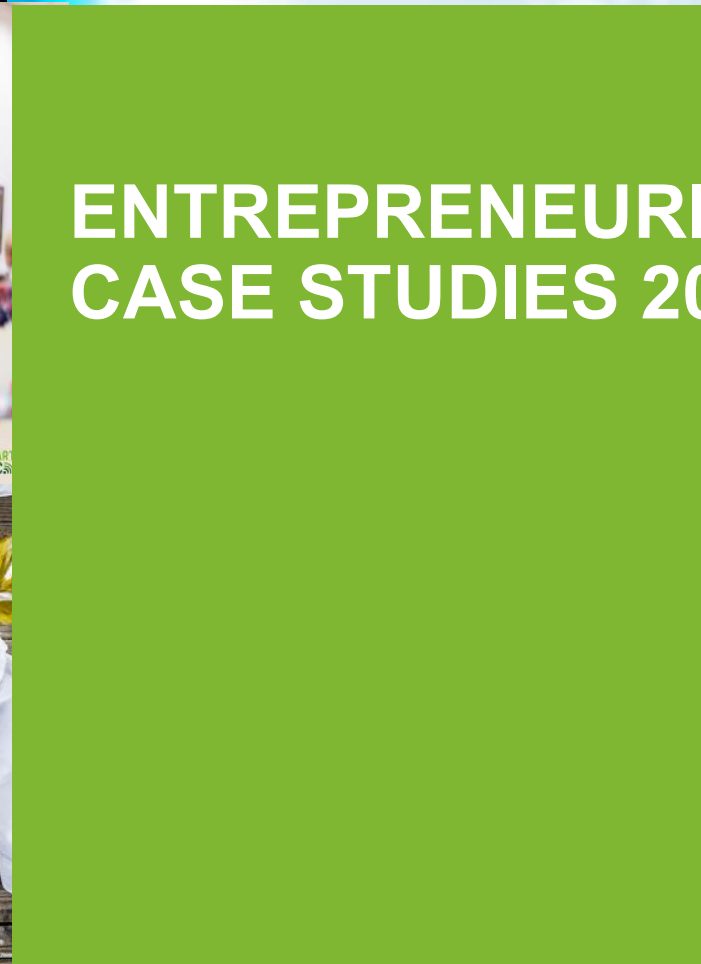


**It's Fake News
Detection of (Un)reliable
Information**
EC2022-06



**NoMo-FoWa
No More Food Waste
Digitalization Against Food Waste
Pro Circular Economy**
EC2022-07

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**ENTREPRENEURIAL
CASE STUDIES 2021**



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