



Sustain4Rural

BE RESPONSIBLE, BE SUSTAINABLE

Part 1: Introduction



Funded by the
Erasmus+ Programme
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What is Sustain4Rural?



Sustain4Rural is a project funded by ERASMUS+ European funds with partners from Cyprus and Greece with extensive experience in sustainable development topics and related technologies. The aim is thorough training and workshops for good practices and technologies, they can practically be applied in rural areas.



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Why Sustain4Rural?



Sustain4Rural is a project motivated by the lack of environmental sustainability and the nonemployment of green practices, especially in the agricultural sector, and is inspired by the continuous advancement of versatile, smart technologies and their applications in this sector.

The agricultural sector comprises different establishments that require such technologies not only to solve potential problems, automate and simplify certain applications but most importantly maintain sustainability. Sustainable and environmental green practices in agriculture aim to produce society's needs without compromising the ability to do so in future generations, by using environmentally responsible and resource-efficient technologies.

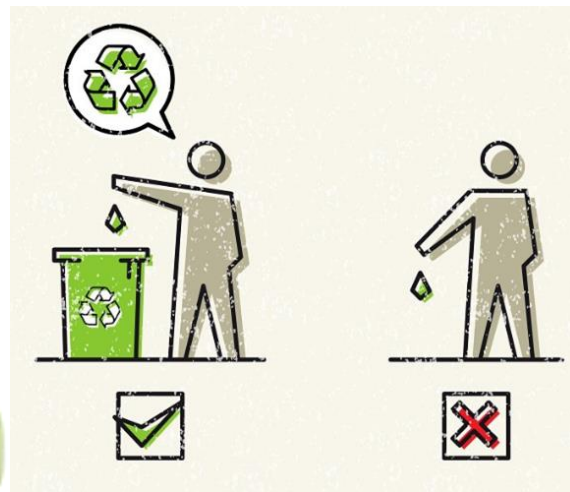


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Why Sustain4Rural?



However, people not only lack knowledge regarding the existence of such green technologies and sustainable practices but also the knowledge to implement them. Therefore, they turn to solutions that affect and destroy the environment without them thinking about the consequences (i.e., Landfills in remote areas, bad water management, no recycling, no proper disposal of machinery and other equipment, etc.).



Who is Sustain4Rural?



Professional organizations and people who are interested in environmental practices, the protection of our forests, and the use of smart technologies came together in an effort to educate people who are not traditionally targeted by projects funded by European bodies.

Starting with those who live in such rural areas such as farmers, whose livelihood depends on the environment. In order to identify these target groups properly, authorities and agriculture organizations will collaborate and indicate rural areas that are considered to require consultation/help related to sustainability, etc.



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Consortium



Co-Ordinator:

ECECT European Centre for Emerging Competencies and Technologies (Κύπρος, Cyprus)



Partners:

K. Parpounas Sustainability Consultants Ltd (Κύπρος, Cyprus)

PSC

/ PARPOUNAS SUSTAINABILITY
CONSULTANTS

Miletia - Sustainable Social Development
(Κρήτη – Ελλάδα, Crete - Greece)





ECECT – European Centre for Emerging Competencies and Technologies is a non-profit organization in Cyprus, that aims to bridge the gap between actual market needs and job candidates. This will be achieved by co-organizing and supporting workshops, events, and other related activities that can be undertaken in close collaboration with supporting organizations.



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The team consists of experts in waste management, circular economy solutions, municipal waste management, commercial industrial and household packaging waste management, plastics and single-use plastics management, recycling systems, organic waste collection systems, Pay as You Throw Systems, EPR schemes and Deposit Refund schemes in the EU and the rest of the world. We provide capacity building services which include guidance, trainings and implementation support to governments, local self-government bodies and the industry in various countries and in various contexts.



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Miletia is a non-profit youth organization established in Crete, Greece. The organization is focused on supporting young people in the rural areas of Crete. Miletia specifically works in the areas of rural development, new technologies, youth employment, and education. We have created active communities to provide learning opportunities and support to young people in remote areas and continue to foster their personal and professional development.



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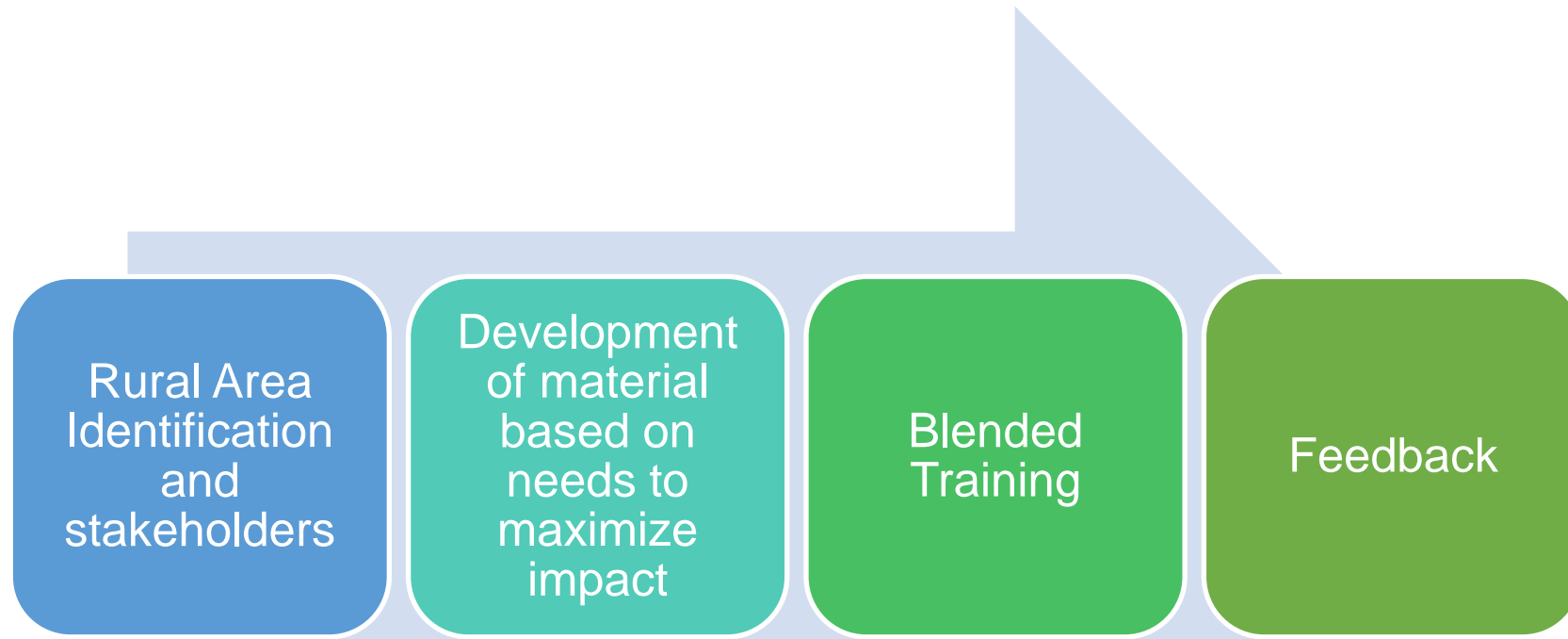
Consortium gallery



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Sustain4RURAL approach



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Who is Sustain4Rural going to help?



Examples:

- Young farmers
- Farm owners
- Agronomists
- Representatives of agricultural organizations



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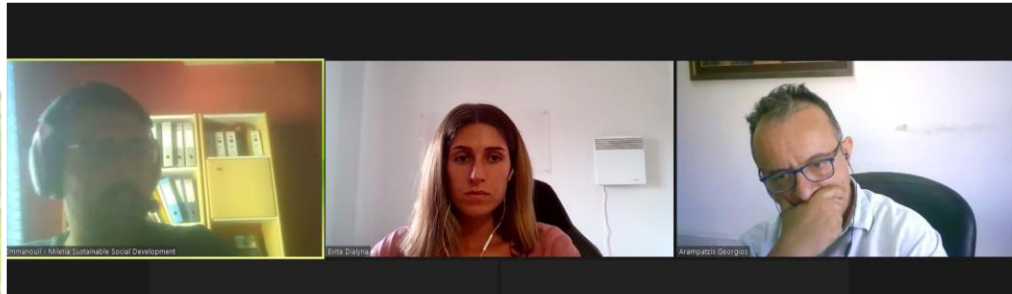


Stakeholder meetings - Cyprus





Stakeholder meetings – Greece (Crete)



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How is Sustain4Rural is going to help?



FREE for all participants in Cyprus and Crete, Greece:

- training activities,
- workshops,
- guest speakers,
- study visits

with the option of virtual attendance through our online platform!



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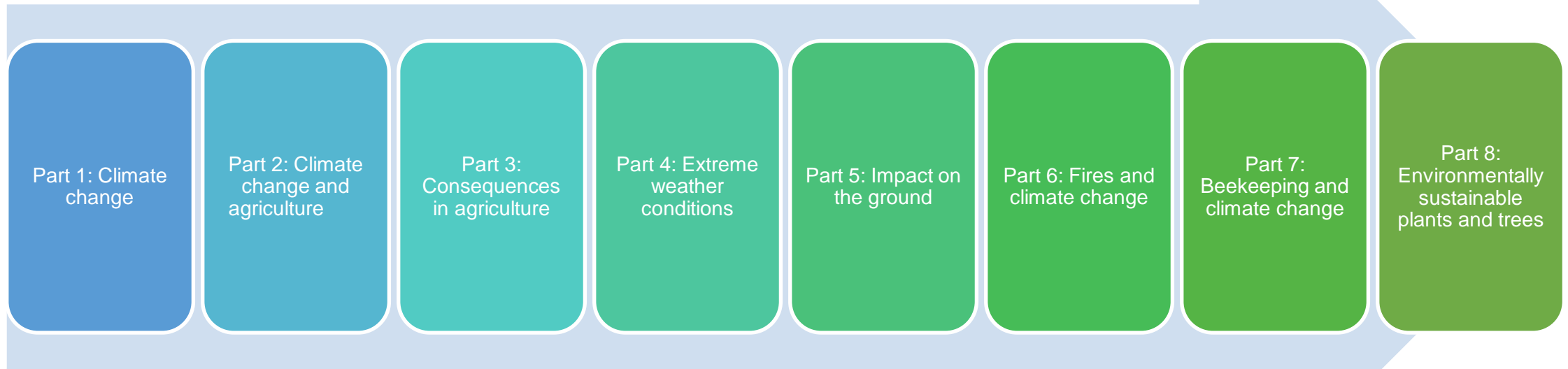


What will you learn in Sustain4Rural?



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Climate change, Environmentally sustainable plants and trees



What will you learn in Climate change, Environmentally sustainable plants and trees?



- What is climate change
- Its consequences in the field of agriculture
- The impact and the origin of extreme weather conditions
- The importance of soil
- Introduction to drought and fire prevention
- Beekeeping as a key to protect our environment
- Ideas and applications of environmentally sustainable plants and trees





What will you learn in Waste management?

Part 1: What is Waste Management ?

Part 2: Principles & Scope of EU Law

Part 3: Regulating waste in Cyprus

Part 4: Organic waste composting

Part 5: Managing plastic waste

Part 6: Managing Municipal waste in the rural areas

Part 7: Preparing a local waste management plan

Part 8: Managing Agricultural waste



What will you learn in Waste management?



- Waste management systems and the relevant legislation in the EU and locally (Cyprus/Crete)
- Waste management systems in Cyprus/Crete
- Waste management treatment methods for specific waste streams such as organic waste, plastic waste and agricultural waste
- Waste management system for municipal waste in rural areas
- How to create a local waste management plan



Circular economy and resource management



Part 1:
Introduction

Part 2: Global
Trends and
Environmental
Challenges

Part 3: Policy
Framework

Part 4: Circular
Economy in
practice

Part 5:
Measures
aiding the
transition to a
circular
economy

Part 6: Benefits
of the Circular
Economy

Part 7: Cyprus
Action Plan and
Opportunities



What will you learn in Circular economy and resource management?



- Understanding of the Circular Economy concept
- Why should we transition to a Circular Economy?
- The Policy framework for the Circular Economy
- How to transition to a Circular Economy with examples focusing on rural and remote areas.
- Circular economy enablers: Eco-design labelling, Waste Management, Green Procurement
- Benefits of the Circular Economy
- Circular Economy local Action Plan and opportunities



Water management and rural irrigation



Part 1:
Introduction

Part 2: What is
Water
Management

Part 3: What is
Rural Irrigation

Part 4: Climate
change and its
impact on water
quality

Part 5: Water
Scarcity and the
protection of
water resources

Part 6: Efficient
Irrigation
methods and
soil quality

Part 7: Use of
DSS systems to
predict and
evolve

What will you learn in Water management and rural irrigation?



- Introduction to Water Management and Rural Irrigation, their meaning and their importance
- Simple methods and techniques to reduce waste water
- Different applications of water management from different countries around the world
- Different irrigation methods with different strengths and weaknesses
- Soil Management
- Basics of a DSS system and how it can be used to predict a better yield



Digital skills and new technologies



Success stories of new technologies

Web, apps and IoT

Agrotech (Precision agriculture, etc)

Robots and drones (agrofood)



What will you learn in Digital skills and new technologies?



- Introduce websites and apps that could be used to get relevant information and improve the production efficiency
- Learn about agrotech, review multiple sensors, their applications and benefits.
- What are robots and drones, their applications and benefits.

THESE NEW TECHNOLOGIES ARE NOT OUT OF REACH!



Online educational platform



Includes:

- All educational material
- All relative videos and other resources
- All the recorded sessions
- Link to the online streaming sessions?



www.class365.eu

→ **FOR FREE, you only need to sign up (register)!**



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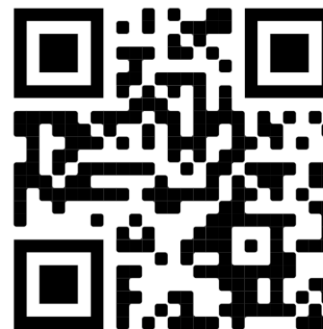
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For more information:

www.sustain4rural.eu

www.facebook.com/Sustain4Rural

Thank you!



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