

Czech-Bulgarian Conference on the Implementation of Smart Agriculture



Applied Research and Communications Fund (ARC Fund), Bulgaria

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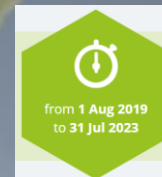
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from 1 Aug 2019
to 31 Jul 2023

TOPIC

Environment and resource efficiency

Enhancing scalable innovations and new business models based on urban farming ecosystem values



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Project summary

CityZen responds to the growing number of cities and regions that recognize the benefits of urban farming for living sustainably and improving revenues. It aims to promote urban farming as a successful driving force for economic and social transformation by introducing the concept to policy makers. Various regional policies on green innovation and resource efficiency, like food security, waste management, community development and adaptation to climate change, are to be improved by integrating urban farming models and practices.

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Universidad de Valladolid



CityZen Partners

- Applied Research and Communications Fund, Bulgaria
- Regional Development Fund of Central Macedonia on behalf of the Region of Central Macedonia, Greece
- Municipality of Beja, Portugal
- Higher Technical School of Agrarian Engineering, UVa, Spain
- Institute for Rural Development Research at Goethe University, Germany
- CIMBAL-Baixo Alentejo Intermunicipal Community, Portugal
- National Heritage Foundation of Castilla y León, Spain

HOW URBAN FARMING MATTERS

STAY ACTIVE CITIZEN

Promoting a healthy lifestyle will help communities grow and develop. Active citizens make stronger bounds with city policies and vision.

GREEN AND EFFICIENT CITIES

Helping better organise and use city resources. Decarbonising of food systems, building sector, tourism, etc.

HEALTHY EATING

Making sure that citizens have a healthy, balanced and accessible for all diet through fresh local food.

LEARN NEW SKILLS

Urban farming creates new skills and educates. It promotes a sense of achievement to people of different social group.

MEDIATE

Urban farming connects a great number of different people in a limited space. It mediates city policies with bottom-up demands by inclusive governance.

INNOVATE

In the city limits of resources innovative solutions can answer challenges on space, water, energy and waste for urban dwellers.

JOBS FOR ALL AGES

Urban farming is a thriving new field for business ideas that in turn creates job options for youth and elderly alike.





CityZen policy impact

Regional operational programmes (ERDF)

Central Macedonia - take actions to improve urban environment

Castilla y Leon - protect biodiversity & soil, promote ecosystem services

Local policy instruments

Sofia GREEN programme for sustainable development

Baixo Alentejo Strategic Development Plan (PEDBA) - infrastructure & environmental services

Framework concept & action plan RhineMain Regionalpark - preserve green & cultural landscapes



Revitalise neighborhoods and reduce landfills

Strengthen local food systems and food education



Empower citizens, farmers and social groups



Reduce food wastes, better use of city resources



Create business and job opportunities



Contribute to climate action



CityZen resources

Learning and policy
design events

46

15

Good Practice
examples from
our regions

Action plans with practical
steps and measures to
foster Urban Farming

5

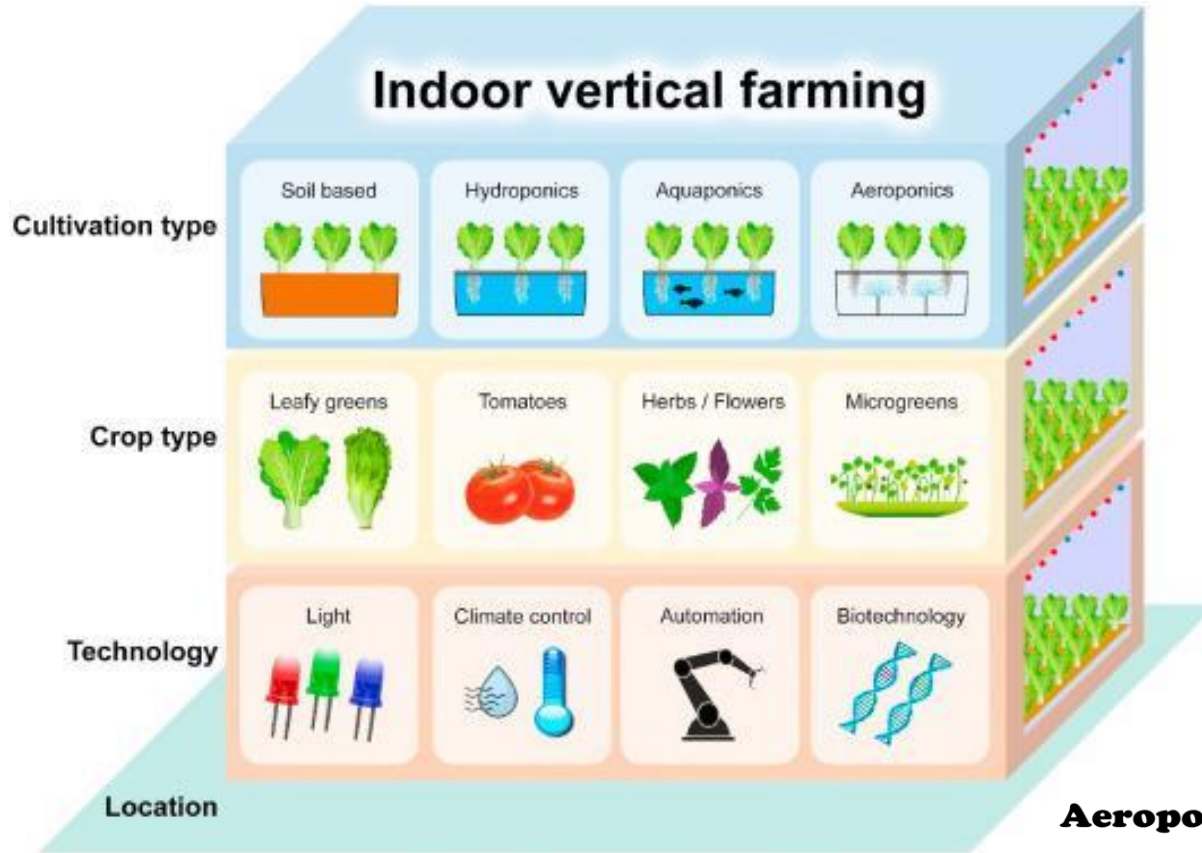
www.interregeurope.eu/cityzen/
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Smart Agriculture. The way forward

Technological innovations are transforming every link in the food chain, from seed to plate!

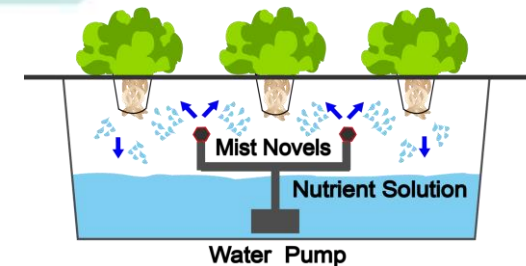
- IoT based Smart Farming
- Vertical Farming
- Rooftop Farming
- Aquaponics
- Aeroponics
- Freight Container Farming



URBAN ROOFTOP FARMING



Aeroponics



There is much untapped potential to increase sustainable food production in cities and promote entrepreneurship!

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Thank you!

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