

Catapult



Food

Researchers Summer School

How can we increase efficiently the role of short food supply chains?

16-28 September 2019

Budapest & Valencia

This **two-week full-time residential programme** will take place from 16th to 28th September in Budapest (first week) and Valencia (second week), where you will challenge and shape supply models and policies of local food systems.

The overall goal of the summer school is to provide a holistic understanding of how food supply chains can be used to mitigate climate change. The outcomes of student reports will be collected and shared with the FAO's World Sustainable Urban Food Centre for the subsequent implementation phase and follow-up creating real impact on local policies.

The programme kicks off with a webinar held by Reading University on the interaction between climate and agriculture, followed by interactive sessions on:

- Value chains and life cycle assessment
- Energy production on farms
- Local economy and consumption

With a hands-on approach, we will explore how short food supply chains can have positive economic, social and environmental impacts; looking into solutions for people's wellbeing, stable income for farmers, healthy food, waste and circular economy.

#ClimateCatapult
catapult.climate-kic.org

Climate-KIC is supported by the
EU, a body of the European Union



The Challenge

How can we increase efficiently the role of short food supply chains?

In coming decades the **food production** will face significant **challenges** to feed all people on Earth and at the same time, maintain nutrient content and ensure food security.

By 2050 the world's population is expected to reach 9,7 billion, while the number of undernourished people remains at nearly 1 billion over the last 3 decades. To satisfy all these criteria, we need to keep the soil quality and increase biodiversity in the agricultural areas. At the same time, transforming food systems and food value chain in innovative ways will play a crucial role, with an economic, environmental and social impact. Sustainable value chain is largely built upon family and small-scale agricultural holdings which supports rural development and provides opportunities to people living in the rural areas to secure stable living conditions and find a direct way of selling their products.

By giving bigger role to small-scale, environmentally conscious farmers, we can reduce carbon emissions caused by transportation and production processes, and reduce the pesticides and fertilizers which damage soil, contaminate water systems and can cause serious health issues. Although short food supply chains are becoming more and more popular among farmers and consumers it is still doesn't get enough decisive role in the market.

To explore the potential of the short food supply chains in the mitigation of climate change, this programme will focus on 3 areas:

- 1 Involvement and impact on local communities
- 2 Application of Life cycle assessment in the food system
- 3 Growth opportunities of sustainable food policy and businesses

The Aim

We offer a **learning-by-experiencing approach to tackle real-life challenges**. You will be able to boost your skills in a **inter-disciplinary thinking** and cooperation environment. The **objectives**:

- To equip participants with the **knowledge of transformative, socio-technical innovation**.
- To **exchange ideas** between **students and experts** and to develop **new project ideas** for innovation in the industry.
- To provide **practice oriented tools** that will enrich the student's individual projects.
- To enable PhD students to **link their individual research projects to real life problems** and innovation activities.



Who can participate?

EIT Climate-KIC and University Partners welcome **PhD** and **postdoctoral researchers, post-graduate** and **professionals** interested in climate topics. All researchers are welcomed to apply:

- Climate-KIC Label PhD
- PhD at European University
- PhD at non-European University
- Postdoctoral researchers
- Professionals

All sessions are held in **English**.

Participation is **free of charge**.

It includes: Accommodation, meals and local transfers.

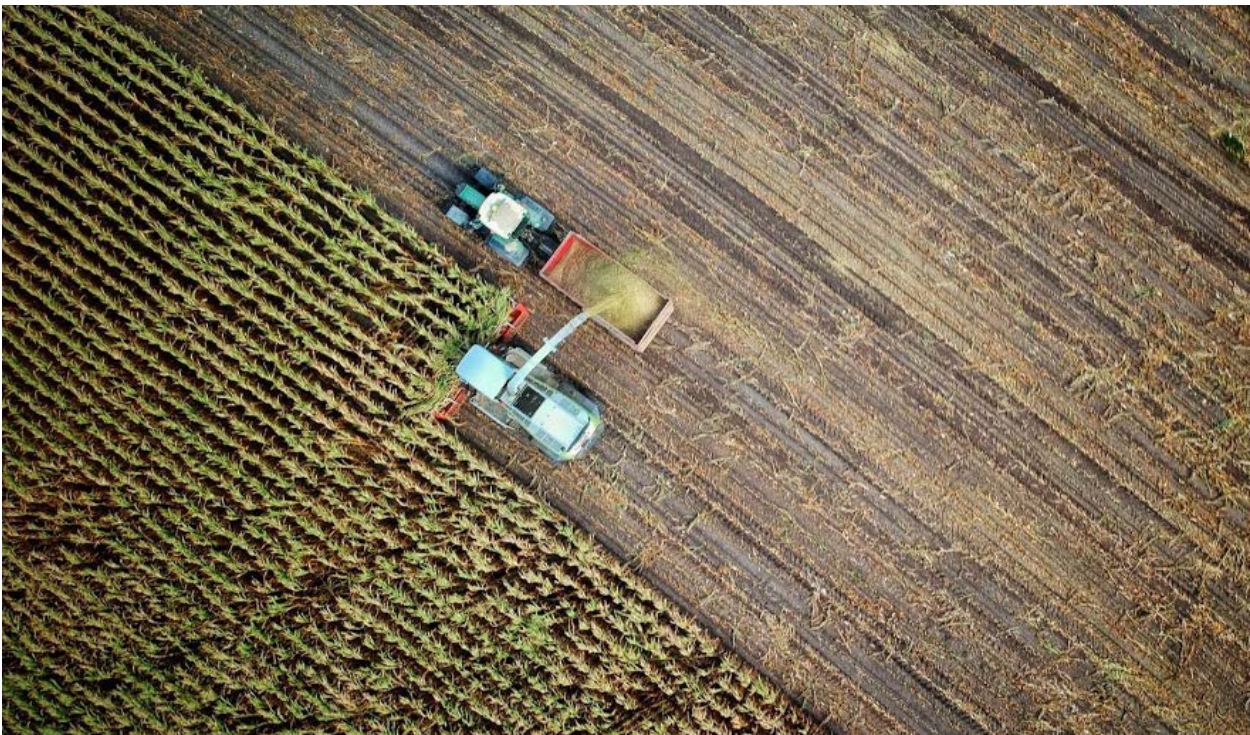
Partners

Pannon Pro Innovations Ltd.

A private consultancy providing a wide range of innovation management and entrepreneurship support activities. Our key topics are sustainability, energy, climate change and the bioeconomy. We work for and with companies to tackle climate change. Our services include enterprising, incubating, consulting and developing new strategies.

The University of Valencia

Is one of the oldest universities in Spain, and it's regarded as one of Spain's leading academic institutions. The University was founded in 1499, and currently has around 65,000 students. The UV is among the four most outstanding in Spain in the field of R + D + i, with 18 University Research Institutes and a Science Park where research groups are located along with the incubator of technology-based companies.



Deadline for applications 31st of May

[APPLICATION FORM](#)

Programme

Week 1 Budapest, Hungary

Sunday 15th September Arrival

Monday 16th September

Welcome

- Introduction of the program
- Getting to know each other and the coaches
- Getting to know the challenges
- Group work - ideation

Tuesday 17th September

- Round table discussion (Invited guests)
- Site visit

Wednesday 18th September

- Design thinking

Thursday 19th September

- Site visit to Zsámbok & team formation
- Group work

Friday 20th September

- Group work
- Expert session
- Finalize deliverables
- Farewell dinner

Saturday 21st November

- Free day

Week 2 Valencia, Spain

Sunday 22nd September Arrival

Monday 23rd September

Welcome

- Introduction to the programme contents and participants presentation
- International approach to rural-urban supply chain
- Innovation projects on food supply
- Expert speech and Welcome dinner

Tuesday 24th September

- Study visit: Farmers' market Mercavalencia
- Group work

Wednesday 25th September

- Background and context
- Training - systems thinking, Idea generation, assumption validation, business model

Thursday 26th September

- Story telling and public presentation
- Group work

Friday 27th September

- Group work
- Pitches and presentation
- Farewell dinner

Speakers & Coaches to be confirm



Contact us

In case of any questions concerning this Catapult, feel free to contact
Edina Budai (manager of the Hungary week) via edina.budai@ppis.hu
Lola Garzon (manager of the Spain week) via lola.garzon@uv.es