

The Agri-food Pact for Skills
Annual virtual event 2022
16 December 2022, 10.00 - 13.00, Cisco Webex



Global Ecosystems and Expanded Knowledge for green skills and capability in the Food sector **GEEK4Food**

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GEEK4FOOD





Erasmus “Forward Looking” project call: AIMS (general)

- **To foster innovation, ground-breaking methods and practices, *and/or***
- **To ensure a transfer of innovation** (across countries, policy sectors or target groups), thus ensuring **a sustainable exploitation of innovative project results** and/or transferability into different contexts and audiences.

....with a coherent and comprehensive **set of sectoral or cross-sectoral activities....**

...(partnership) **mix of public and private organisations** combining **researchers, practitioners and partners** with the **capacity to reach policy-makers.**

Erasmus Knowledge Alliance project ASKFOOD

- Innovative teaching methodologies to promote innovation (Reversed Incubator, Gamification)

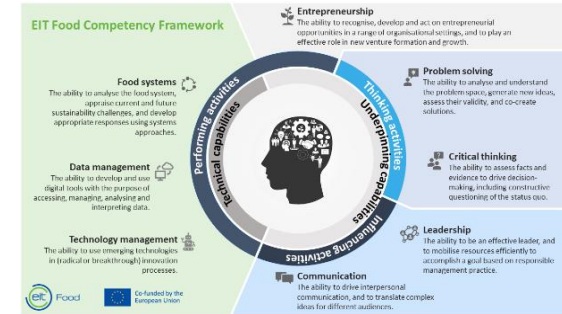


GEEK4FOOD BACKGROUND

- Innovative skills and professions forecast based on “scenarios” (Forecast Aggregator, Smart Atlas, Interactive Training Identifier)
- Innovative ecosystem tools



EIT Food Competence framework



*Other Erasmus Projects such as FIELDS
and I-RESTART*



SUSTAINABILITY OR GREEN?

Sustainability

Use of products and services that do not damage the resources of the future generation

Green

Use of products and services that do not damage the resources of the future generation

**GEEK4FOOD
BACKGROUND**

«GREEN» in food processing

Green Chemistry

Green Resources (reuse of wastes)

Green technologies (mild, innovative)

Valorisation of underutilised natural resources



GEEK4FOOD BACKGROUND

«Forward looking» approach to «green»



GREEN and sustainable food value chains?

Innovation

Research

Training (skills, knowledge)

- **Innovative skills needs and gaps search : Artificial Intelligence (skills intelligence)**
- **«Systemic» and foresight thinking abilities**
- **Modern HE training models to adapt to a «fluid» skills gaps and job market needs**



GEEK4FOOD

Development of a working, cross-sectorial framework to support the food system transition towards sustainable and green solutions by the implementation of disruptive tools able boost a fluid upskilling and reskilling of the current workforce of the next generation of future professionals.





Main activities and outcomes

- (1) **Design and setting of an Artificial Intelligence (AI)-based tool (*Skills Intelligence*) to determine and forecast current and future green skills and capability needs (**GEEK4Food Tool**).**
- (2) **Design and exploit “forward-looking” planning in training design and implementation of HE and cross-sectoral trainings to enhance green skills.**
- (3) **Mainstreaming innovative teaching practices and providing paths to entrepreneurial education oriented on green skills.**
- (4) **Setting an interactive learner-centric virtual platform for green skill mapping to merge learners' needs with training offers and agri-food job opportunities (**3P-GEEK4Food Hub**).**
- (5) **Boosting consolidating evidence- and impact-based solutions of the GEEK4Food project to embed multi-level and multi-actor policy actions that can support skill-fluidity for the green transition of the food sector.**





Target end-users

- **Higher Education (teachers, students)**
- **Training providers**
- **Food industry**
- **Professionals (Lifelong Learning)**
- **Policy-makers**



Activities organisation



WP1: Project coordination and management

WP2: GEEK4Food skills tool (GST-G4F)

WP3: 3P-G4F: Digital Ecosystem for green skills, training and knowledge transfer

WP4: Innovative HE tools and methodologies for developing circular and green agri-food talents

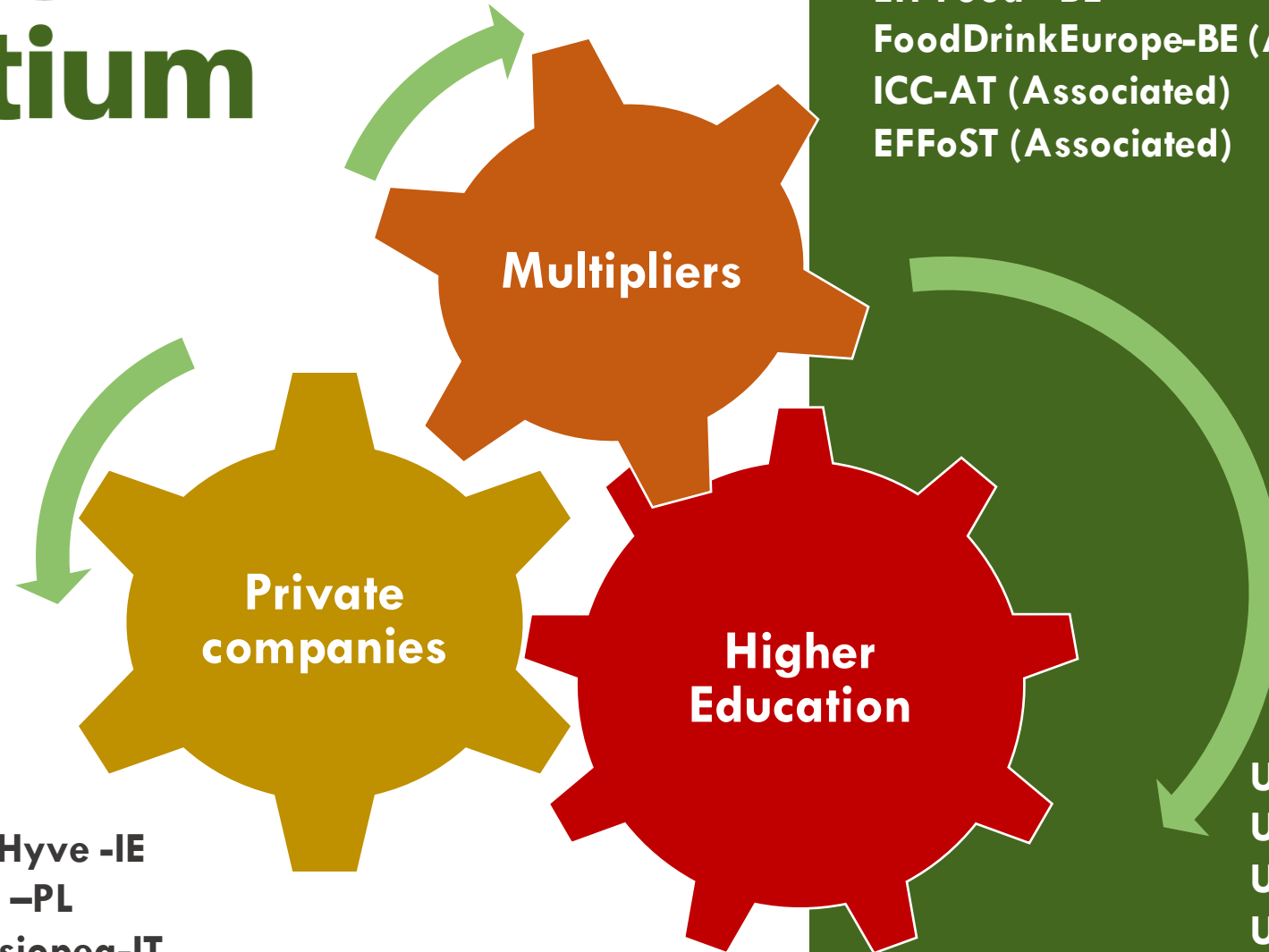
WP5: Teaching and learning activities to boost a green sustainable food system

WP6: Impact and policy actions

WP7: Quality Assurance (QA)

WP8: Dissemination, community engagement and exploitation

Partners consortium



EIT Food - BE
FoodDrinkEurope-BE (Associated)
ICC-AT (Associated)
EFFoST (Associated)

SkyHyve -IE
4CF -PL
Cassiopea-IT
MilCoop - IT

University of Teramo -IT
University of Minho-PT
University of Aarhus-DK
Univ. Cluj-Naboca-RO
Technol. Univ Dublin-IE



Expected impact and innovation

- **AI-supported** and **impact-driven patterns** to favour innovative green training and educational models at the academia, corporate and people-to-people levels.
- Support to a **“green” and sustainable innovation within the “Knowledge Triangle”** in the food system.
- Tools for policy makers to **promote adherence to green transition** and the whole institution approaches to **sustainably twin change after the EU Green Deal**.



**Expected
impact and
networking**

“Agrifood Pact for Skills”

**Ongoing strategic Erasmus and EU projects
and networks**

FIELDS

I-RESTART

EUROPEAN BIOECONOMY NETWORK

THANK YOU FOR YOUR ATTENTION



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