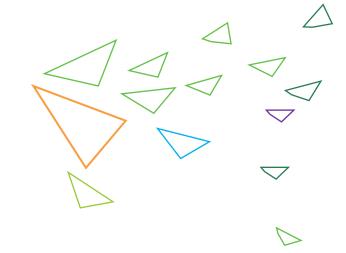






Host institution - University of Donja Gorica



- UDG offers courses at both undergraduate and postgraduate level of education, including Bachelor, Specialist, Master's and PhD level.
- Currently, UDG has around 3500 students and 300 professors and teaching staff.

"Be a part of the history of the future"









About us

Over the years, the University of Donja Gorica has been recognized as an innovative Higher Education Institution. We have always strived to be different and to grow every day, developing and investing in innovative ideas and bold projects, following the motto: "Be part of the History of the Future".





University of Donja Gorica



FOODHUB IN LIAISON WITH ALL OF THEM The idea is the result of complete compatibility with strategic priorities of the Smart Specialization. Centre of Excellence for Digitalization of Microbial Food Safety Risk Assessment and Quality Parameters For Accurate Food Authenticity Certification (FoodHub) - RATIONALE



Sustainable agriculture and food value chain



Energy and sustainable environment



Sustainable health and tourism

IT technologies - HORIZONTAL



BASIC DATA

















Acronym:

Title:

Programme:

Duration:

Budget:

FOODHUB

Centre of Excellence for Digitalization of Microbial Food Safety Risk Assessment and Quality Parameters For Accurate Food Authenticity Certification

Proposal for Centre of Excellence

3 years

1,3 mil € (out of which 300.000 € Co-Financed by UDG)



Centre of Excellence for Digitalization of Microbial Food Safety Risk Assessment and Quality Parameters For Accurate Food Authenticity Certification (FoodHub)









Encouraging innovative development of the food sector based on science;

Creating innovations in the food sector through research, knowledge transfer, development and improvement of indigenous and traditional food and agricultural products and resources;

Involvement and connection of a wide front of different participants, involvement of agricultural producers, food companies, research institutions, consumers and others.

This project has received funding from the Ministry of Science through the grant programme for the establishment of Centres of Excellence, grant agreement No. 01-798/04.

CONSORTIUM:

UDG

RESEARCH AND DEVELOPMENT INSTITUTE FOR INFORMATION TECHNOLOGIES IN BIOSYSTEMS-BIOSENSE

UNIVERSITY OF PADOVA DEPARTMENT OF CARDIO-THORACICVASCULAR SCIENCE AND PUBLIC
HEALTH (DCTVPH)

SHANGHAI JIAO TONG UNIVERSITY (SJTU)

13. JUL PLANTAZE (PL)

Chamber of Economy of Montenegro (CEM)

THE GERMAN FEDERAL INSTITUTE FOR RISK ASSESSMENT (BFR)

UNIVERSITY OF NOVI SAD (UNS)-THE FACULTY OF TECHNOLOGY

INSTITUTE OF PUBLIC HEALTH OF MONTENEGRO (IPH)

ADMINISTRATION FOR FOOD SAFETY, VETERINARY AND PHYTOSANITARY AFFAIRS (AFSVPA)

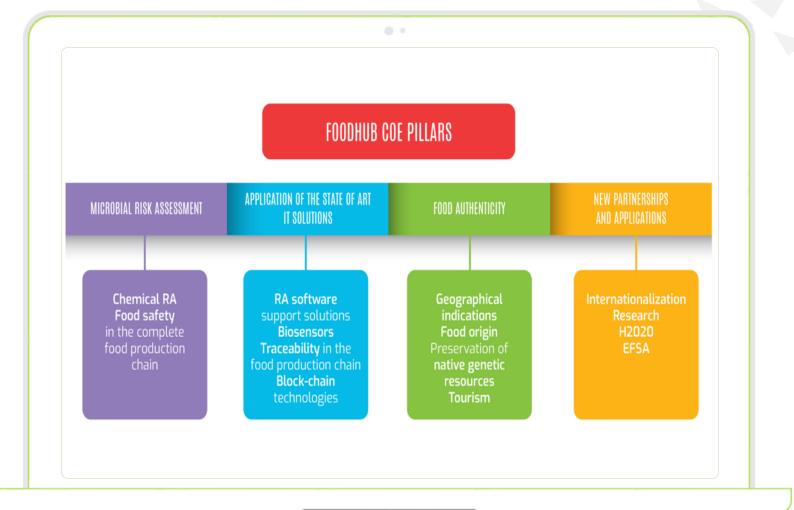
Fleka (FL)

LLC Seljak



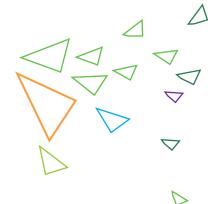
Mission and vision of FoodHub

This project represents the "stepping stone" that wil boost the existing activities and parthership, maximize the laboratory equipment employment, open possibilities for new research and innovation and create new partnership and financing opportunities.





IT component of FoodHub



Analysis and development of the software solutions directly in liaison with risk assessment (first micro-biological and latter chemical).

Integration of these solutions to the existing relevant systems and database. Development of the block-chain technologies/artificial intelligence and their potential applications in Food track and tracing modules.

(Support from UDG and their experience with H2020 projects such as TagltWine, DIPOL (digital transformation of agriculture and food supply chain) and new DEMETER project.

HUGE POTENTIAL FOR INNOVATIVE SOLIUTIONS

FoodHub will generate new data requiring development of the efficient system for data management, data aggregation and artificial intelligence - full application of Data Science techniques and methods.



YOUTH EDUCATION, INTERNATIONAL COOPERATION AND COMMERCIALIZATION

Young Researchers



Capacity building for research in Montenegro



QRA

Project partners support, training of young researchers



RESULTS

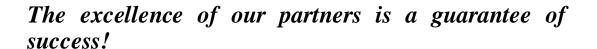
- Cooperation with manufacturers
- Cooperation with institutions
- Establishment of spin-off companies



University of Donja Gorica



Specialized training programs at international scientific partner institutions are envisaged that will be primarily focused on our young researchers and their career development: they will bring missing expertise to Montenegro and maintain established collaborations.











Thank you!

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- foodhub.udg.edu.me







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