# Національний університет біоресурсів і природокористування України

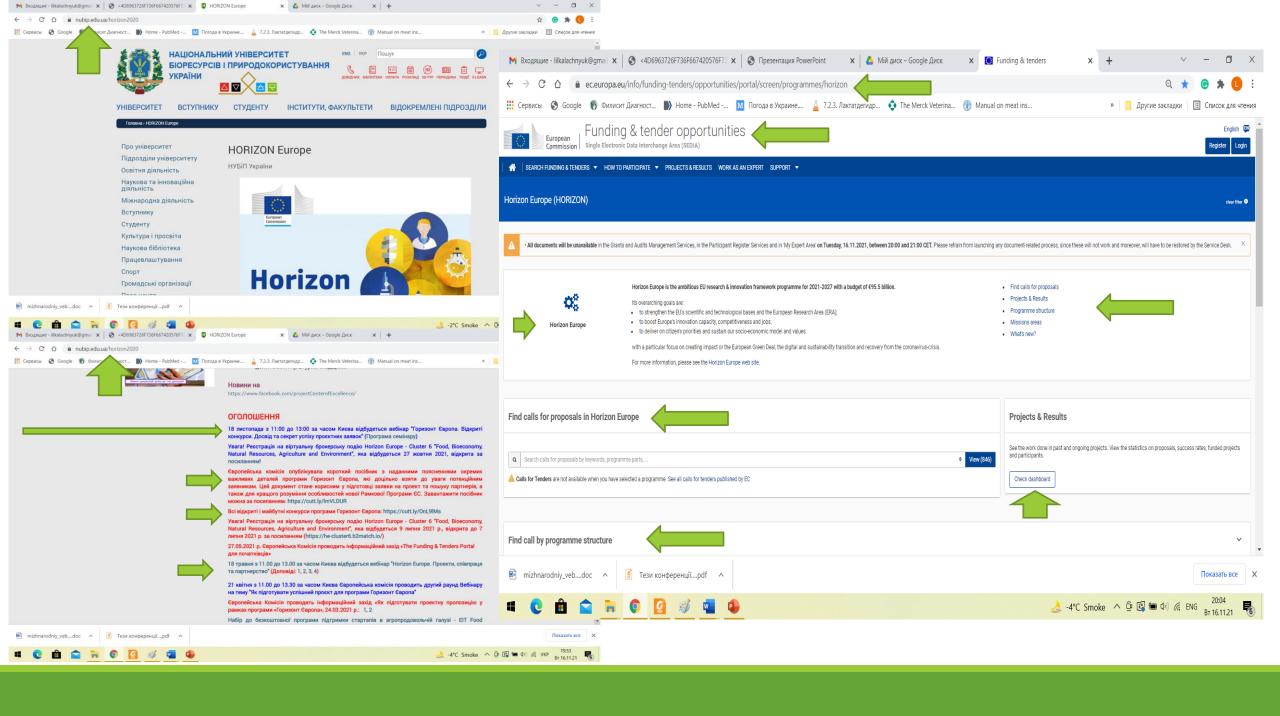


The right choice of partners is the key to the success of the project application

/ Правильний вибір партнерів - запорука успіху проектної заявки

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lilkalachnyuk@gmail.com (https://nubip.edu.ua/horizon2020)

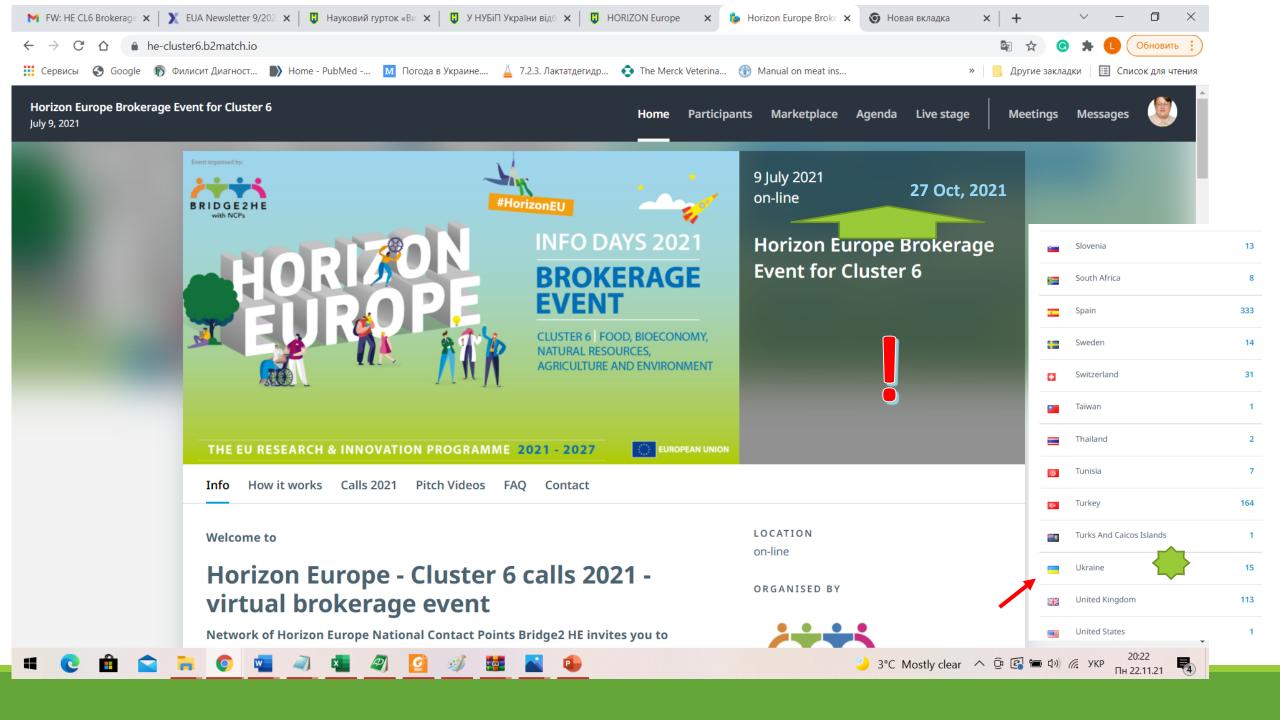


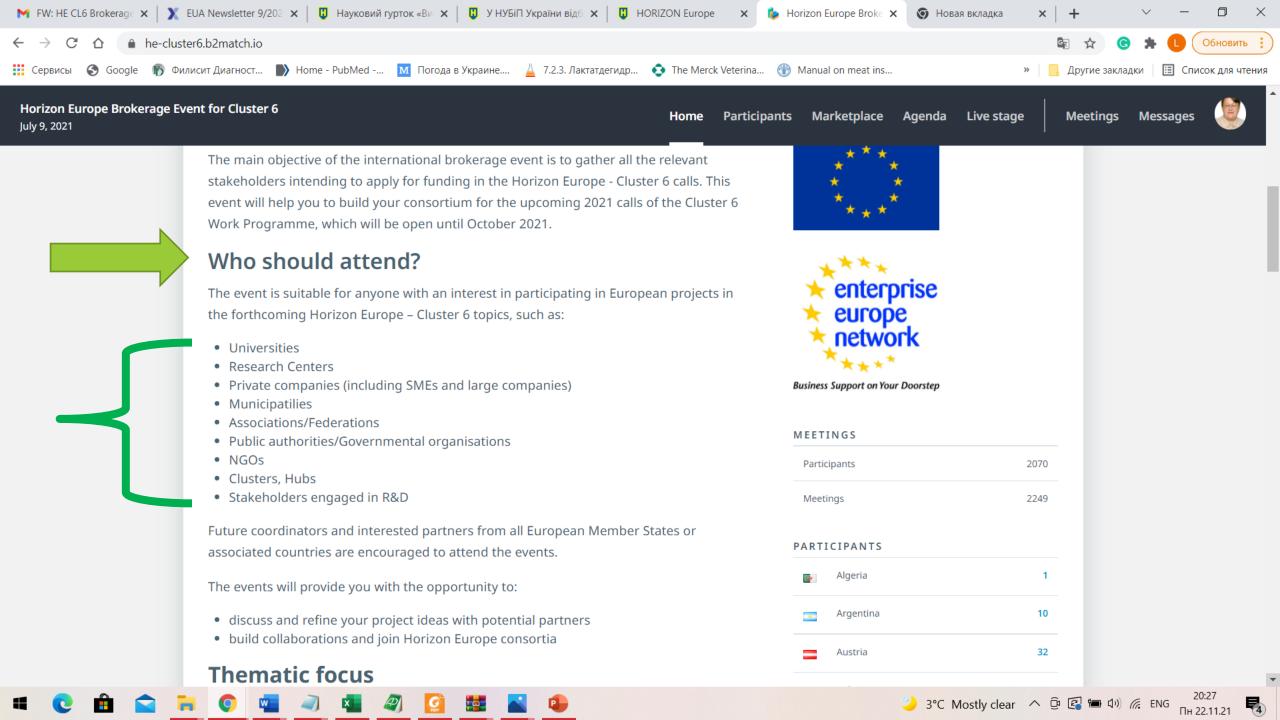
# Нові елементи в Horizon Europe

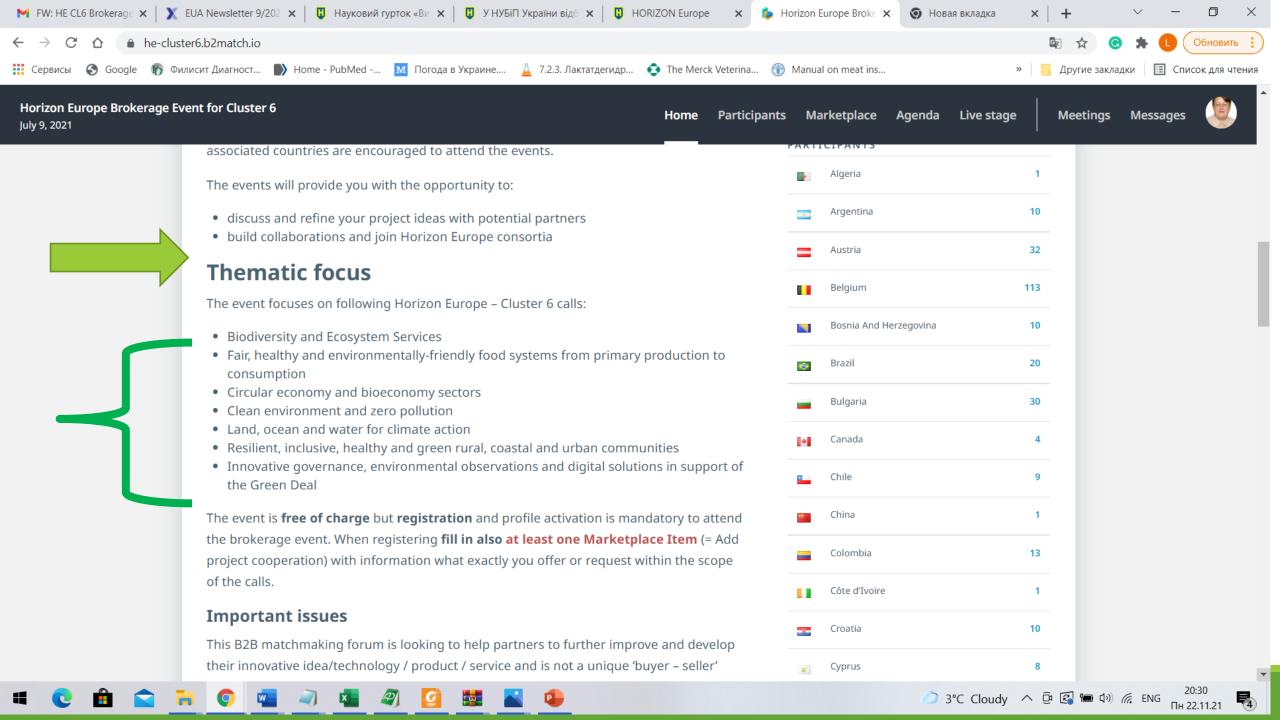
https://ec.europa.eu/info/sites/default/files/research and innovation/strategy on research and innovation/presentations/horizon europe/ec rtd he-investing-to-shape-our-future.pdf

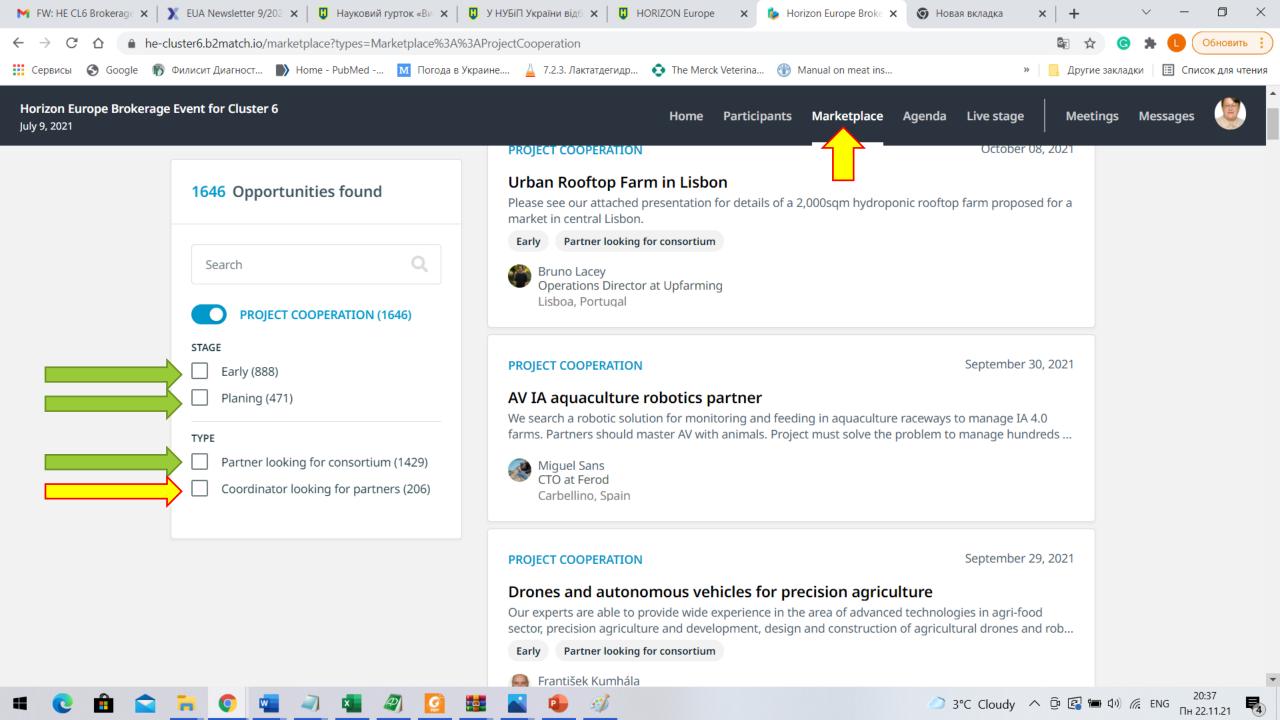
Європейська комісія опублікувала короткий посібник з наданними поясненнями окремих важливих деталей програми Горизонт Європа, які доцільно взяти до уваги потенційним заявникам. Цей документ стане корисним у підготовці заявки на проект та пошуку партнерів, а також для кращого розуміння особливостей нової Рамкової Програми ЄС. Завантажити посібник можна за посиланням: <a href="https://cutt.ly/lmVLDUR">https://cutt.ly/lmVLDUR</a>

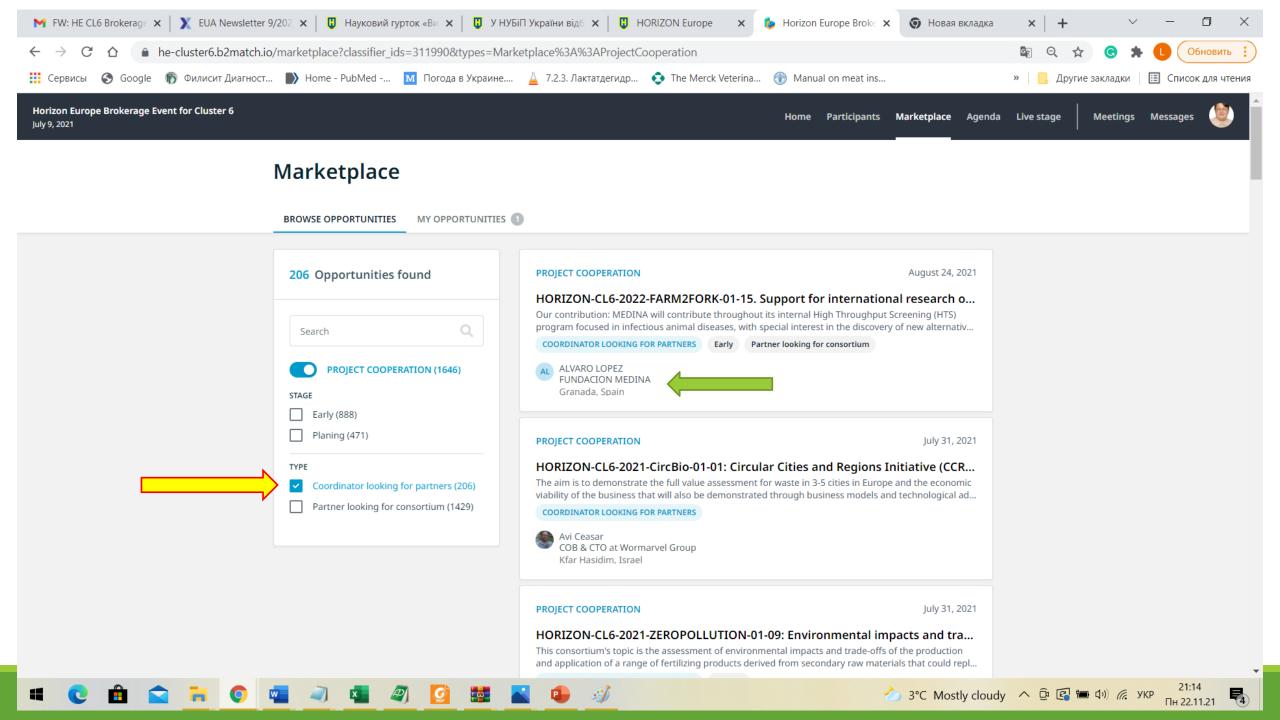
Всі відкриті і майбутні конкурси програми Горизонт Європа: <a href="https://cutt.ly/OnL9IMs">https://cutt.ly/OnL9IMs</a>

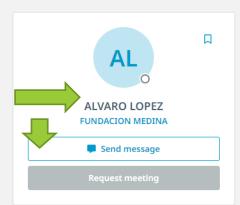














MEDINA is a non-profit research oganisation leader in Drug Discovery from Microbial Natural Products and a High Throughput Screening (HTS) Center, partner site of the European Research Infrastructure EU-OPENSCREEN ERIC. MEDINA's internal Drug Discovery approaches are focused on the search for novel therapeutics in infectious and parasitic diseases (including new agents against multiresistant nosocomial Gram negative bacteria, tuberculosis, kinetoplastids and malaria), oncology, neurodegeneration and rare diseases.

MEDINA offers a wide panel of research services and technology platforms for the discovery and development of new microbial natural products and biomarkers, with application in the pharmaceutical, agri-food and cosmetic, biocatalysis and other biotechnological sectors.

MEDINA discovers new bio-active molecules, drug leads for unmet medical needs and high value biotechnological products and has ongoing research collaborations and partnerships with academic centers and industrial companies worldwide. MEDINA is exclusive owner of one of the world's largest Microbial Collections (190,000 microbial strains), and Natural Products Libraries (over 200,000 extracts & fractions), and has developed cutting edge HTS screening, natural products chemistry and analytical technology platforms to discover new microbial products with therapeutic and biotechnological interest.



#### PROJECT COOPERATION

#### HORIZON-CL6-2022-FARM2FORK-01-09. Microbiomes in food production systems

Our contribution:

MEDINA will contribute R&I to foster advances in microbiome-related research for more sustainable agricultural food production in the context to the transformation of food systems to deliver co-benefits for climate, and biodiversity, by characterisation and development of microbiomes and their downstream products providing dietary diversity for improved human and animal health, and resilient food production systems, more specifically by:

- Detection and molecular assessment of microbial food diversity.
- · Characterization and identification of microorganisms and their metabolome.
- Evolutionary histories of microorganisms and microbial population dynamics and their relationship to environmental conditions in food systems,
- Molecular basis of microbial antagonism and secondary metabolite expressions to response to environmental changes in food production systems.
- Detection and molecular assessment of secondary metabolite pathways in individual organisms and in the metagenome.
- Identification of new applications of microbiomes and characterization of microbiome derived products with application in agricultural food production, food preservation and improved food products for human and animal health

#### PROJECT COOPERATION

# HORIZON-CL6-2022-FARM2FORK-01-15. Support for international research on infectious animal diseases.

Our contribution:

MEDINA will contribute throughout its internal High Throughput Screening (HTS) program focused in infectious animal diseases, with special interest in the discovery of new alternative agents and products for the treatment of bacterial and fungal animal pathogens offering the access to its unique Natural Product Library, and aligning with the Farm to Fork Strategy, for a transition to fair, healthy and resilient livestock production systems, including the reduction of anti-microbial usage.

#### Stage

Early

Type

Partner looking for consortium

Coordinator looking for partners

PROJECT COOPERATION August 24, 2021

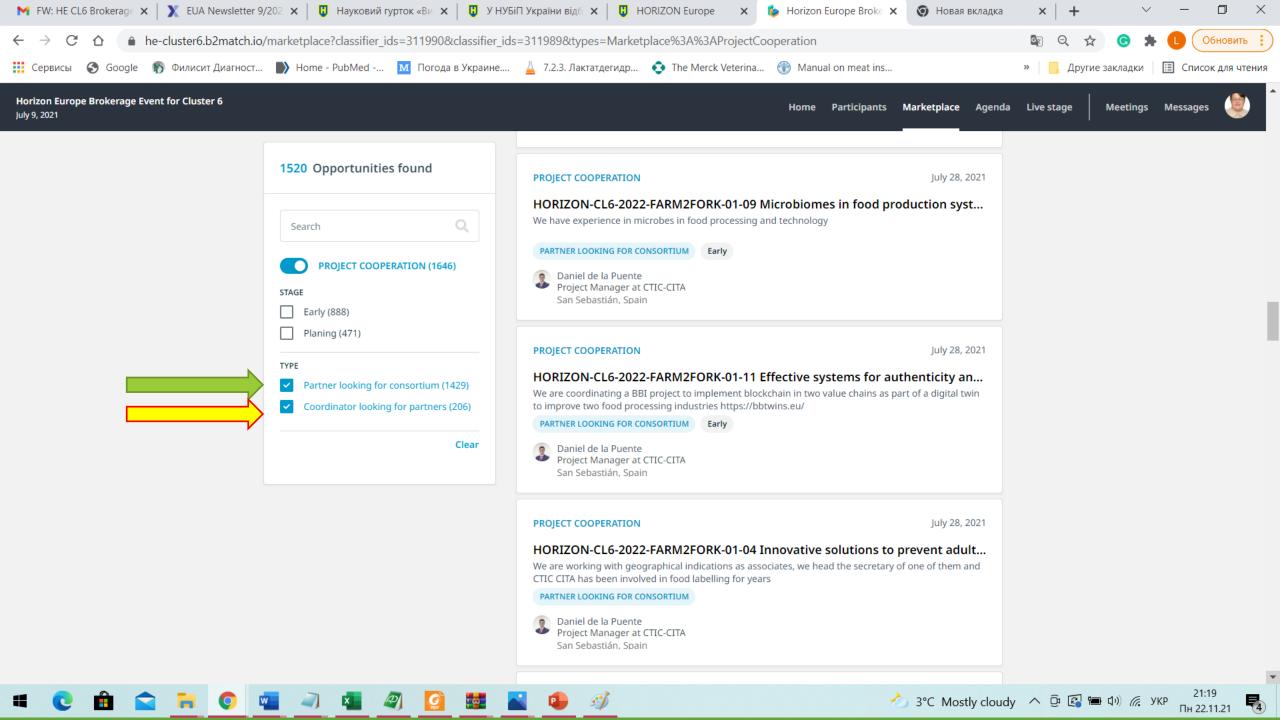
# HORIZON-CL6-2022-CIRCBIO-02-02-two-stage. Exploring extreme environments: novel adaptation strategies at molecular level for bio-based Innovation

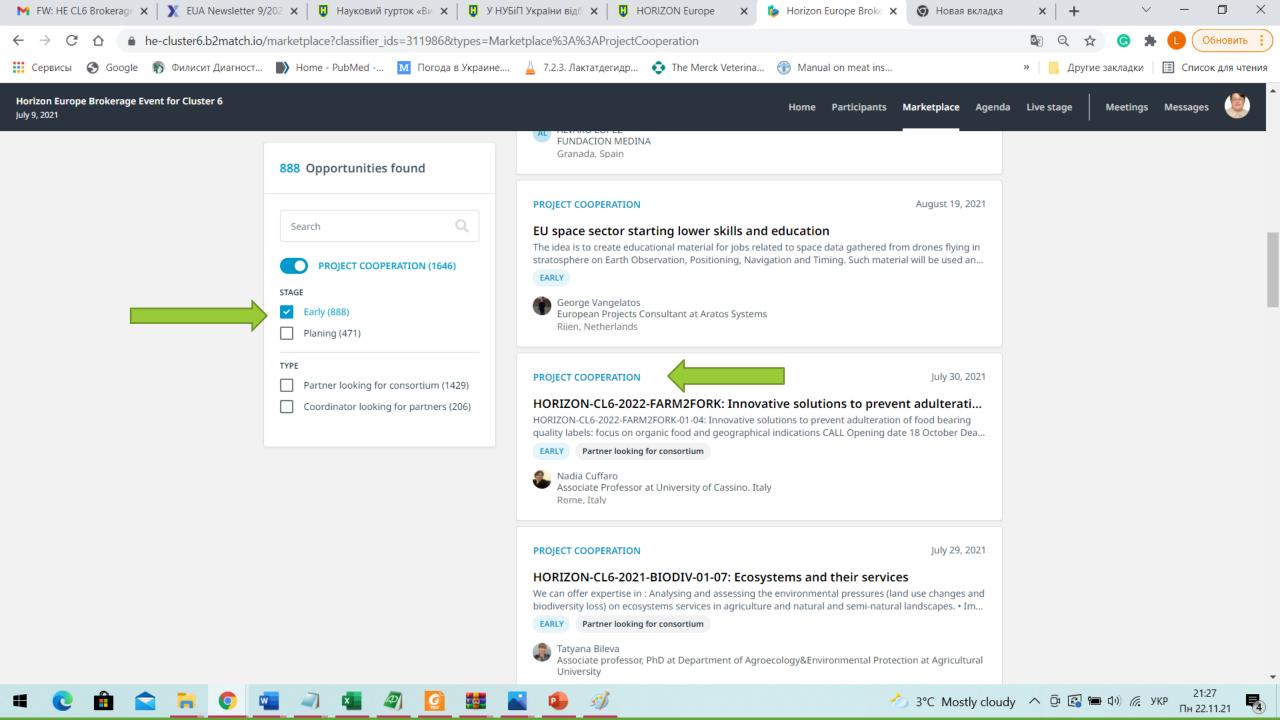
Our contribution:

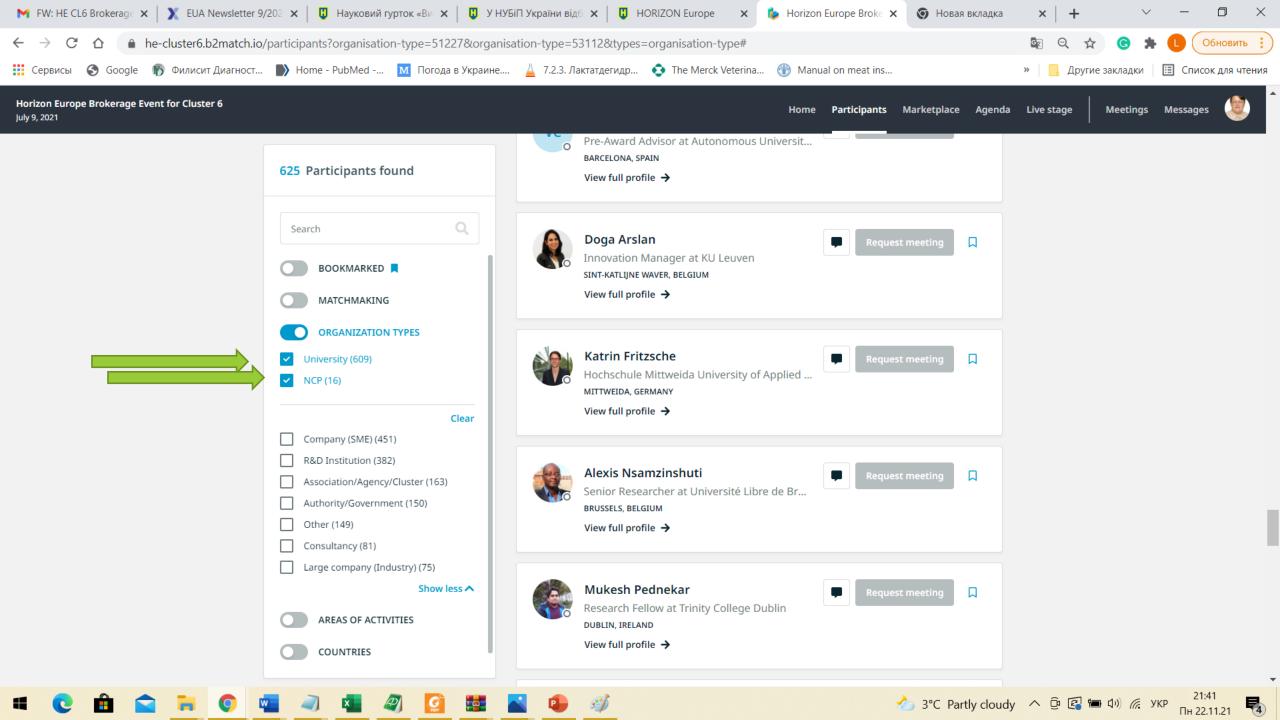
MEDINA will contribute to the deeper understanding of the molecular, biochemical and cellular mechanisms of ecological adaptation of terrestrial and aquatic organisms in response to life under extreme or changing environments, while strengthening the remediation options at macro level for the studied populations, including by their interactions, thus contributing to expanding the range of potential climate change mitigation strategies by:

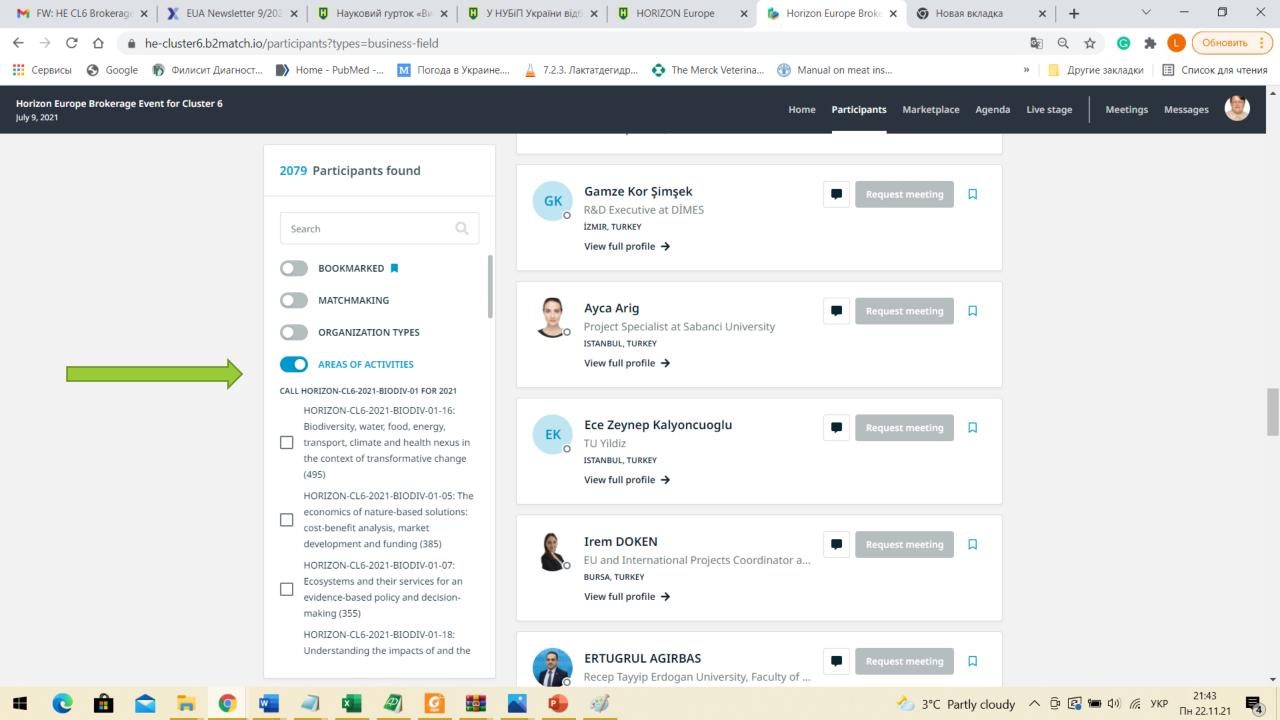
- Detection and molecular assessment of microbial diversity
- Characterization and identification of microorganisms
- Evolutionary histories of microorganisms and their relationship to environmental conditions
- Molecular basis of microbial antagonism and secondary metabolite expressions to response to environmental changes.
- Untargeted metabolome analysis of microbial communities and selected individual species
- Detection and molecular assessment of secondary metabolite pathways in individual organisms and in the metagenome
- Application of microbial strains from extreme environments in mitigation of abiotic and biotic stresses on different crops
- Application of microbial strains from extreme environments as novel sources of bioactive innovative products with different application in biotechnology and pharma
   MEDINA has extensive experience in the successful participation in European Research Projects about aquatic and marine microbiology, and has been partner of the EU project FP7-PHARMASEA and the recently launched project H2020-MARBLES.

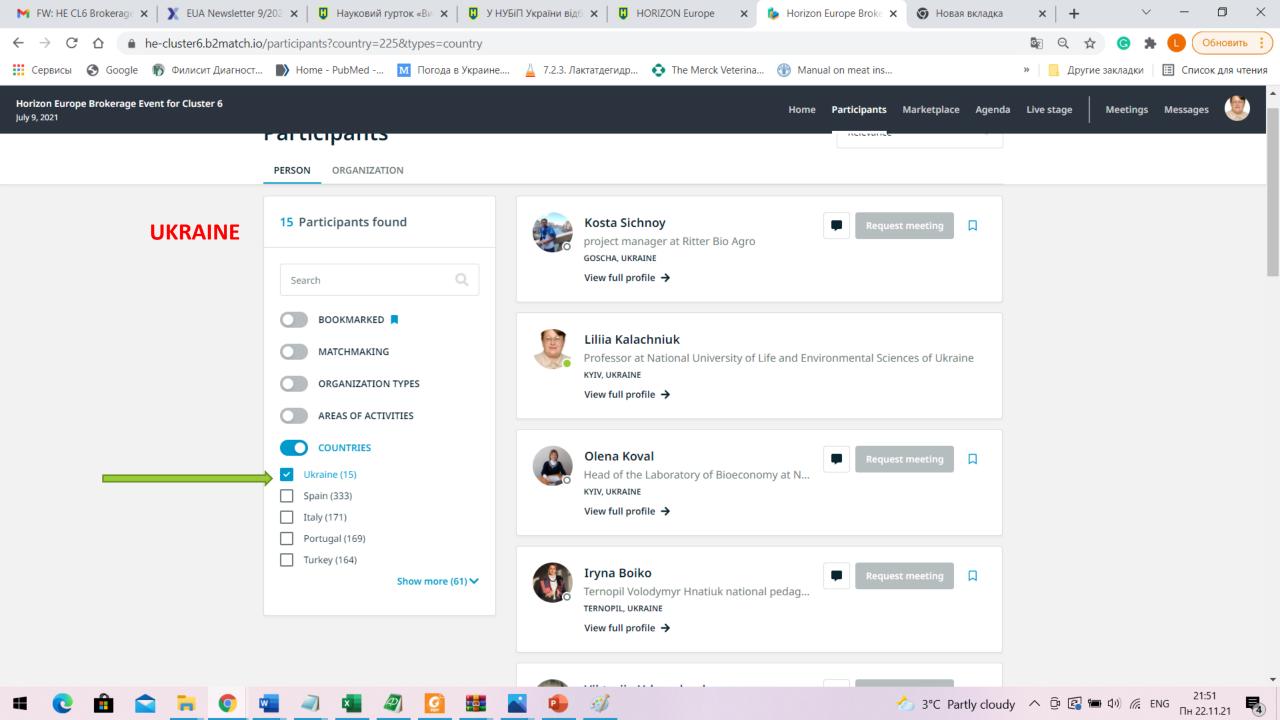
September 08, 2021 September 08, 2021

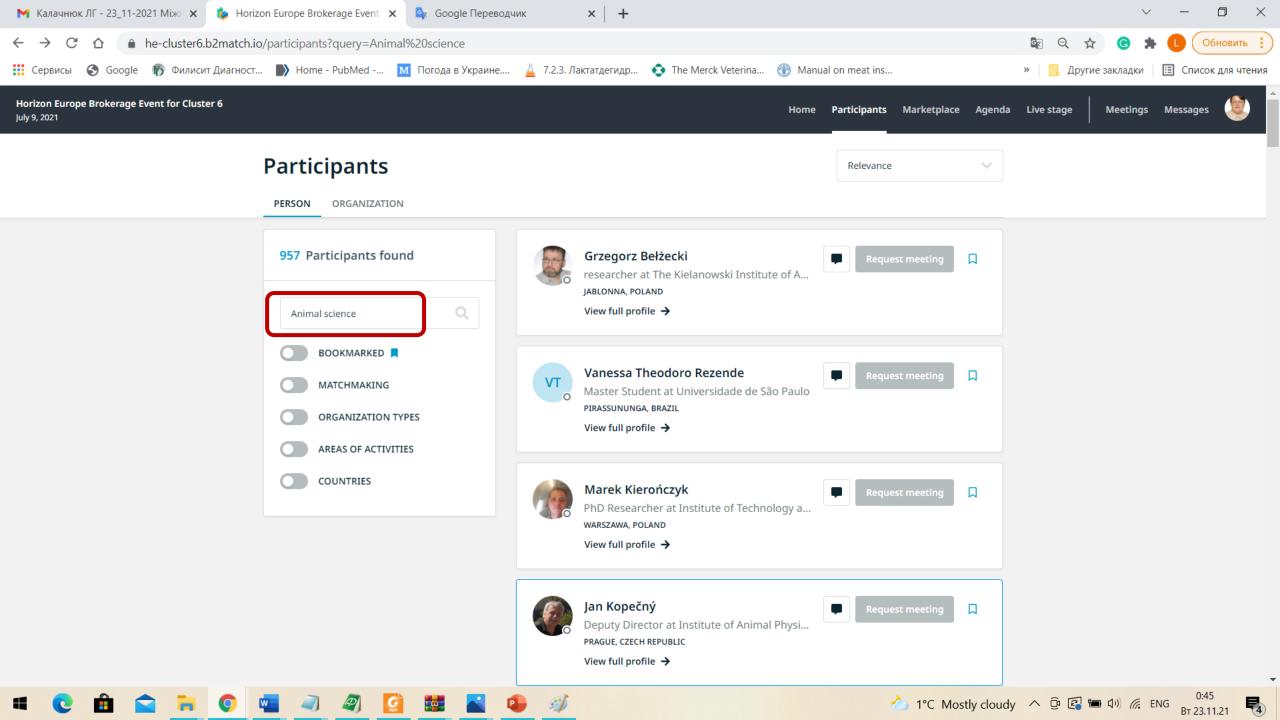






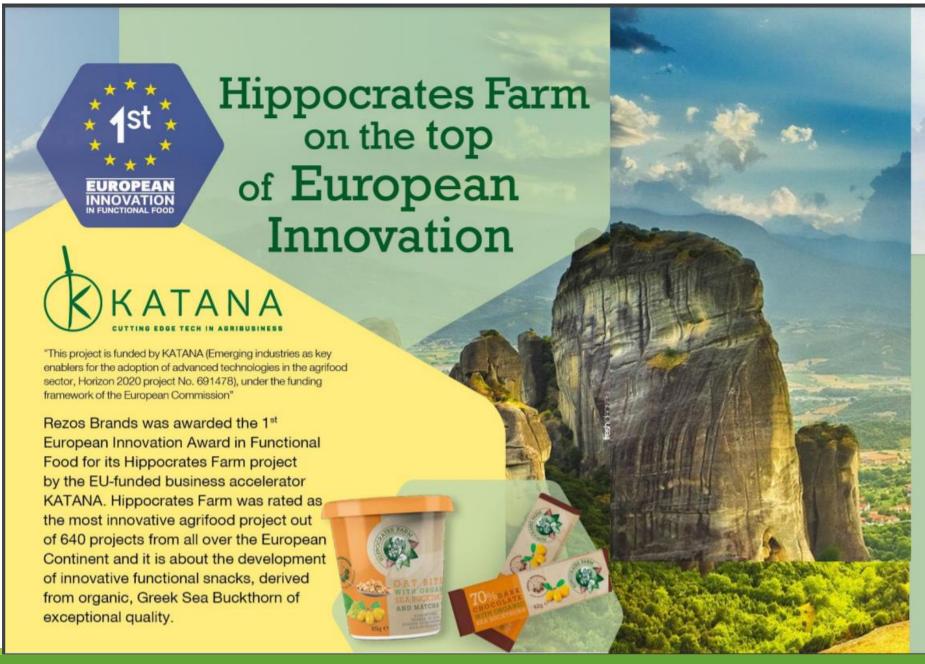






**Giorgos Papathanasopoulos, Meng**, R&D Project Coordinator – Mechanical & Aeronautical Engineer, Patras, Greece <u>georgios@rezosbrands.com</u> <u>www.rezosbrands.com</u>







# **Agrifood Technologies**



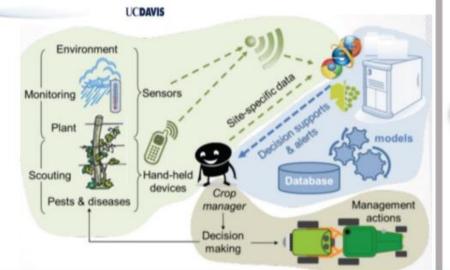
# Smart Agri & IoT Agripreneurs of the future Digitization, Connectivity, Climate Change, SPA



- Drones
- Satellite
- Phones/Tablets/Computers
- Smart farm equipment
- · Animal monitors
- Cloud computing
- · Wireless communications

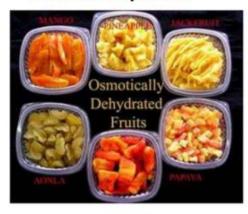






# AgriFood Technologies

#### Osmotic Dehydration



Encapsulation



Extraction of bioactive compounds



**Energy recovery** 



Partner search HORIZON-CL6-2022-COMMUNITIES-01-04: Social innovation in food sharing to strengthen urban communities' food resilience

Please find enclosed a partner search of researchers from University of Haifa, Israel, that looking for partners for building a proposal for: **HORIZON-CL6-2022-COMMUNITIES-01-04:** Social innovation in food sharing to strengthen urban communities' food resilience Please find attached more details regarding their experience.



# HorizonEurope Partner Search Profile



### SEEKING PARTNERS FOR:

HORIZON-CL6-2022-COMMUNITIES-01-04

Social innovation in food sharing to strengthen urban communities' food resilience

### CONTRIBUTION

- Multi-method study of food practices and attitudes involving multiple stakeholders
- A focus on marginalized communities and intersecting inequalities informing a diverse understanding of community resilience
- A comparative approach highlighting differences in climate and social challenges, as well in social policies

#### RESEARCH INTERESTS

- Household sustainability practices
- Environmental health policy
- Environmental attitudes and behaviors
- Urban and community resilience
- Cross-national comparative research
- Poverty and social inclusion



Asaf Levanon

Senior Lecturer

Department of Sociology





Maya Negev
Senior lecturer
School of Public Health

#### PREVIOUS EU PROJECTS

 INVENT – European Inventory of Societal Values of Culture as a Basis for Inclusive Cultural Policies

PARTNER

WPLEADER

TASKOWNER

#### RELEVANT PUBLICATIONS

- Foden, M., Head, E., Katz-Gerro, T., & Martens, L. (2021). Environment or Economy? Food Concerns and Sustainable Food Transitions in the UK. Sociology, 00380385211043679.
- Katz-Gerro, T., Greenspan, I., Handy, F., & Vered, Y. (2020). Environmental behavior in three countries: The role of intergenerational transmission and domains of socialization. Journal of Environmental Psychology, 71, 101343.
- Negev, M., Khreis, H., Rogers, B. C., Shaheen, M., & Erell, E. (2020). City design for health and resilience in hot and dry climates. bmj, 371.
- Linares, C., Díaz, J., Negev, M., Martínez, G. S., Debono, R., & Paz, S. (2020). Impacts of climate change on the public health of the Mediterranean Basin population-current situation, projections, preparedness and adaptation. *Environmental research*, 182, 109107.
- Levanon, A., Lavee, E., & Strier, R. (2021). Explaining the Factors Shaping the Likelihood of Poverty Among Working Families by Using a Concurrent Mixed Method Design. Social Indicators Research, 1-21.

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