

הזדמנויות מימון בתוכנית Horizon Europe לשנים 2023-2024

חקלאות ומזון

Destination 2 - Fair, healthy and environment-friendly food systems from primary production to consumption

עלון זה מציג כותרות ותקצירים של הקולות הקוראים בתחום חקלאות ומזון, תאריך הגשה ותקציב לפרויקט. כדי להבין את הדרישות באופן מלא, יש לקרוא את הקול הקורא המלא באתר הנציבות האירופית (בקישור). בהצעה המוגשת יש לענות על כל דרישות הקול הקורא כפי שמפורט בטקסט המלא המפורסם באתר.

מהי תוכנית הוריזון אירופה?

"הוריזון-אירופה" (Horizon-Europe) היא תוכנית המסגרת לקידום מדע וחדשנות של הנציבות האירופית. זו התוכנית הגדולה מסוגה בעולם, ותקציבה כ- 100 מיליארד יורו לשבע שנים (2021-2027). התוכנית מציעה תמיכה במו"פ בכל תחומי המדע, החדשנות והטכנולוגיות, ולאורך שלבי המחקר והפיתוח השונים. התוכנית כוללת מסלולים רבים ותוכניות משנה.

מה מקבלים?

- מענק לפרויקט בשיעור מימון של 70%-100% מהתקציב - גופים שאינם למטרות רווח תמיד זכאים למימון בשיעור 100%, וחברות לעיתים ל-70% ולעיתים ל-100%, תלוי בקול הקורא
- תקורה של 25% מהתקציב שלכם בפרויקט להוצאות עקיפות (ללא חובת הוכחה)

למי זה מתאים ומה תנאי הסף?

- כל גוף שהוא ישות משפטית רשומה בישראל זכאי למימון - אקדמיה ותעשייה, משתמשי קצה ואתרי פיילוט, גופים ציבוריים, רגולטורים, בעלי עניין שונים ושחקנים נוספים בשרשרת הערך.
- ההגשה פתוחה למאגדים בלבד - מאגד הוא קבוצת שותפים הכוללת לפחות שלושה שותפים משלוש מדינות שונות, הבונים יחד ומגישים הצעה לפרויקט משותף (קולות מסוג CSA פתוחים גם למגיש יחיד).

מה זה מאגד? למה אי אפשר לבד?

כדי לפתור אתגרים גדולים ומורכבים, לגייס מחזיקי עניין ושחקנים שונים בשרשרת הערך, לתרום להשגת תוצרים ויעדי אימפקט ולהביא תוצאות למודעות ושימוש קהלי יעד, יש צורך בפרויקטים קבוצתיים גדולים, בינלאומיים, בינתחומיים וחוצי סקטורים.

אז מה הצעדים הבאים שצריך לעשות כדי להיערך להגשה?

1. למצוא קול קורא שמתאים לעניין ולמומחיות שלכם - בדיוק לשם כך נועד העלון (את/ה נמצאים כאן)
2. למצוא שותפים מתאימים שיכולים לענות יחד אתכם על דרישות הקול הקורא
3. לכתוב הצעה בתבנית ייעודית להגשה
4. להירשם באתר הנציבות האירופית ולהגיש און ליין את ההצעה.

עד לפרסומם הרשמי של הקולות קוראים באתר הנציבות האירופית, כותרות ותקצירי הקולות הקוראים המוצגים בעלון זה הם בגדר טיוטה לא סופית - הדרישות, התקציב, מועדי ההגשה, הכותרות וכל פרט אחר עשויים להשתנות. הגשת הצעה לפרויקט תיעשה על בסיס הטקסט המלא של הקול הקורא לאחר שיפורסם באופן רשמי על ידי הנציבות האירופית. **על מנת לעיין בטקסט המלא של קול קורא מהרשימה יש לעיין בטיוטת תוכנית העבודה (צרו קשר לקבלת התוכנית)** אנו מקדימים לפרסם מידע זה, על מנת שתוכלו להיערך להגשה מוקדם ככל שניתן.

לפרטים נוספים פנו אלינו!

Nir Shaked | nir.s@iserd.org.il | 03- 5118181

2023

Enabling sustainable farming systems - 2023 One Stage

Topic	Budget per Project [M€]	TRL	No. of Projects	Action	Deadline
HORIZON-CL6-2023-FARM2FORK-01-3: Improving yields in organic cropping systems	4		2	CSA	12/04/2023
Set up a European-wide network of testing, experimentation and demonstration sites to co-create and showcase practices and strategies that improve yields of crops produced under organic conditions.					
HORIZON-CL6-2023-FARM2FORK-01-4: Towards research and innovation beyond Farm to Fork Strategy targets for pesticides after 2030	1		1	CSA	12/04/2023
<ul style="list-style-type: none"> Establish a network of relevant research and innovation actors across the EU and Associated Countries; Identify, map and foster pesticide use and risk reduction activities in the EU, AC and worldwide; Provide recommendations on the future research needs in agricultural, technical, social, economic and policy sciences, aiming for further reductions or phasing out chemical pesticides in agriculture, taking in consideration climate change, increased pressure from pests and diseases, and other challenges 					
HORIZON-CL6-2023-FARM2FORK-01-5: Advancing vaccine development for African swine fever	6		2	RIA	12/04/2023
<ul style="list-style-type: none"> Decipher pathogen genetics/genomics and immune response of the host, to develop innovative approaches to ASF vaccine development, at least including those virus types circulating in Europe. Study different types of vaccines and modern techniques to develop novel ASF vaccines; Address the necessary steps for developing pilot vaccines against ASF for domestic pigs and wild boars; Address the necessary steps to develop companion DIVA tests. 					
HORIZON-CL6-2023-FARM2FORK-01-6: Towards sustainable livestock systems: European platform for evidence building and transitioning policy	5		1	RIA	12/04/2023
Investigate negative and positive impacts and externalities, including potential trade-offs, in different types of farming systems, practices and environments. Build on a wide range of scientific information, reports, expert opinions and other available material such as databases.					

HORIZON-CL6-2023-FARM2FORK-01-7: Innovations in plant protection: alternatives to reduce the use of pesticides focusing on candidates for substitution	6	6-7	2	IA	12/04/2023
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Target one or more pesticides candidates for substitution in the EU and pesticides that are losing their efficiency due to the emergence of resistant pests.
Develop and test alternative approaches, tools, strategies, agents, and/or substances (either conventional, natural-based, or biological) for prevention (promoting prophylaxis measures) and/or (bio) control of plant pest with improved environmental performance (e.g., reduced effects on non-target organisms, natural resources and the environment) and acceptable efficacy, enlarging the toolbox of integrated pest management (IPM).

Enabling sustainable fisheries and aqua culture - 2023 One Stage

Topic	Budget per Project [M€]	TRL	No. of Projects	Action	Deadline
HORIZON-CL6-2023-FARM2FORK-01-8: Using automatic species recognition and artificial intelligence to fight illegal fish discards and revolutionise fisheries control	5	6-7	1	IA	12/04/2023

Develop innovative and cost-effective solutions for automatic species recognition and quantification and assessment of health status of species (e.g., presence of parasites), and automatically analyse Remote Electronic Monitoring video footage, rapid DNA-based assays and sensor data in real-time.

Topic	Budget per Project [M€]	TRL	No. of Projects	Action	Deadline
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Transforming food systems for health, sustainability and inclusion - 2023 One Stage

HORIZON-CL6-2023-FARM2FORK-01-10: Eradicate micronutrient deficiencies in the EU	9		1	RIA	12/04/2023
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- Develop micronutrient biomarkers for screening of high-risk populations and identify optimal intervention;
- Map and monitor vulnerable groups to determine the root cause and the prevalence of the deficiencies;
- develop innovative solutions/strategies/programme, and evaluate their effective impact on deficiencies;
- Provide recommendations, guidelines and cases studies for policy makers to design deficiency programmes;
- Provide evidence in the form of a cost/benefit analysis of the proposed measures and the costs of not acting.

HORIZON-CL6-2023-FARM2FORK-01-11: New detection methods on products derived from new genomic techniques for traceability, transparency and innovation in the food system	5		2	RIA	12/04/2023
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Examine innovative ways and/or specific markers that would allow for distinction between products resulting from new genomic techniques subject to the GMO legislation and products that are not subject to the GMO legislation. Develop and validate detection methods with wide applicability of all or a subgroup of products, allowing for a screening approach, and focusing on a product with known mutations (i.e. DNA sequence known) or unknown ones.

HORIZON-CL6-2023-FARM2FORK-01-12: Thematic network ensuring food safety by translating research and innovation into practice	2		1	CSA	12/04/2023
<ul style="list-style-type: none"> • Develop a community of practice to foster knowledge exchange between end-users and research and innovation ecosystems who will work together. • Describe the state of food and feed safety practices, procedures and technologies for detection & prevention. • Create tailored communication materials to share existing best practices and innovations with end users • Synergize with other networks, initiatives at national and European level, to help disseminate and exploit knowledge and results, also via public events, publication of case studies, papers and reports, and the creation of an on-line space, also for training and education. 					
HORIZON-CL6-2023-FARM2FORK-01-13: Cultured meat and cultured seafood – state of play and future prospects in the EU	7		1	RIA	12/04/2023
HORIZON-CL6-2023-FARM2FORK-01-14: Providing marketing solutions to prevent and reduce the food waste related to marketing standards	5		2	RIA	12/04/2023
HORIZON-CL6-2023-FARM2FORK-01-15: Fostering resilient European food systems in a changing world	8		1	RIA	12/04/2023
HORIZON-CL6-2023-FARM2FORK-01-16: Microbiomes fighting food waste through applicable solutions in food processing, packaging and shelf life	5	6-7	2	IA	12/04/2023

Topic	Budget per Project [M€]	TRL	No. of Projects	Action	Deadline
Targeted international cooperation - 2023 One Stage					
HORIZON-CL6-2023-FARM2FORK-01-17: EU-African Union cooperation – linking the activities of the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership and those of the Pan-African Network for Economic Analysis of Policies (PANAP)	4		1	CSA	12/04/2023
HORIZON-CL6-2023-FARM2FORK-01-18: Support for the implementation of a sustainable platform for the EU-AU cooperation under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership	4		z	CSA	12/04/2023
HORIZON-CL6-2023-FARM2FORK-01-19: Support to the markets and trade of agroecological food products under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership	7		1	IA	12/04/2023
HORIZON-CL6-2023-FARM2FORK-01-20: EU-Africa Union – food safety	5		2	RIA	12/04/2023

2024

Enabling sustainable farming systems – 2024 One Stage					
Topic	Budget per Project [M€]	TRL	No. of Projects	Action	Deadline
HORIZON-CL6-2024-FARM2FORK-01-1: Agro-pastoral/outdoor livestock systems and wildlife management	5		1	RIA	22/02/2024
HORIZON-CL6-2024-FARM2FORK-01-2: New healthy and sustainable food products and processes	5	4-5	2	RIA	22/02/2024
HORIZON-CL6-2024-FARM2FORK-01-3: Thematic network tackling food fraud by translating research and innovation into practice	2		1	CSA	22/02/2024
<ul style="list-style-type: none"> Develop a community of practice to foster knowledge exchange between end-users and research and innovation ecosystems who will work together mapping existing food fraud practices. Describe the state of new knowledge, practices, procedures and technologies tackling food fraud Create tailored communication materials to share existing best practices and innovations with end users Synergize with other networks, initiatives at national and European level, to help disseminate and exploit knowledge and results, also via public events, publication of case studies, papers and reports, and the creation of an on-line space, also for training and education. 					
HORIZON-CL6-2024-FARM2FORK-01-4: Climate change and food safety: effects of climate change on food safety across food systems	4		2	RIA	22/02/2024
HORIZON-CL6-2024-FARM2FORK-01-5: Creating smart and attractive tools to enhance healthy and sustainable food provision, eating and treating of food at home	3	6-8	2	IA	22/02/2024

HORIZON-CL6-2024-FARM2FORK-01-6: Citizens' science as an opportunity to foster the transition to sustainable food systems	5	3-5	2	RIA	22/02/2024
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HORIZON-CL6-2024-FARM2FORK-01-7: Impact of the development of novel foods based on alternative sources of proteins	4.5		2	RIA	22/02/2024
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- Assess the potential of insect protein, micro and macro algae-based products, microbial proteins and/or food/aquaculture by-products in terms of market development considering the Farm to Fork Strategy
- Assess their economic impact (e.g., price, production cost, share of market, etc.) and the impact such development will have on other sectors, across the food and the bio-based systems.
- Assess their social impact (e.g. health aspects, consumer acceptance), and potential risks & trade-offs to address the Green Deal objectives, including environmental and shifting to sustainable & healthy diets.

HORIZON-CL6-2024-FARM2FORK-01-8: Preventing and reducing food waste to reduce environmental impacts and to help reach 2030 climate targets	4.5		2	RIA	22/02/2024
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HORIZON-CL6-2024-FARM2FORK-01-9: Microbiome for flavour and texture in the organoleptic dietary shift	4.5		2	IA	22/02/2024
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Topic	Budget per Project [M€]	TRL	No. of Projects	Action	Deadline
Targeted international cooperation - 2024 One Stage					
HORIZON-CL6-2024-FARM2FORK-01-10: EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation	6	3-5	3	RIA	22/02/2024
HORIZON-CL6-2024-FARM2FORK-01-11: EU-African Union – towards climate-neutral, social just fair trade food systems	4.5		2	RIA	22/02/2024

Enabling sustainable farming systems - 2024 Two Stage					
Topic	Budget per Project [M€]	TRL	No. of Projects	Action	Deadlines
HORIZON-CL6-2024-FARM2FORK-02-1-two-stage: Increasing the availability and use of non-contentious inputs in organic farming	6	7-8	2	IA	1 st - 22/04/2024 2 nd - 17/09/2024
Develop, test and put in the place alternative products and solutions, including to the use of copper fungicides, mineral oils, external nutrient inputs (e.g. manure from conventional agriculture, recycled nutrients) in organic crop production, and to the responsible use of anthelmintics, antibiotics and synthetic vitamins used in organic livestock production.					
HORIZON-CL6-2024-FARM2FORK-02-2-two-stage: Sustainable organic food innovation labs: reinforcing the entire value chain	5.5	6-8	2	IA	1 st - 22/04/2024 2 nd - 17/09/2024
<ul style="list-style-type: none"> Establish multi-actor organic food innovation hubs, bringing together researchers, innovators, farmers, and processors, to develop, test and pilot innovations in organic small-scale food processing, and new, sustainable and reusable packaging, preserving nutritional quality and ensuring food safety. Foster diverse innovative solutions/approaches: <ul style="list-style-type: none"> Tailored to farmers and SMEs, ensuring links between food processing and primary production. Adapted to the seasonal character of raw material production and processing in small(er) batches. Develop and explore innovative supply and distribution models (including business models, marketing strategies, short trade circuits, public procurement, food services), adapted to the proposed solutions. 					
HORIZON-CL6-2024-FARM2FORK-02-3-two-stage: Tools to increase the effectiveness of EU import controls for plant health	4	6-7	2	IA	1 st - 22/04/2024 2 nd - 17/09/2024
Develop rapid, reliable and economic innovative solutions to assist plant health inspectors at the borders, such as e-noses, acoustic devices, scanners, and portable devices for molecular identification of plant pests within hours/minutes of the specimen's sampling using limited amounts of plant material.					
HORIZON-CL6-2024-FARM2FORK-02-4-two-stage: Tackling outbreaks of plant pests	6.5		2	RIA	1 st - 22/04/2024 2 nd - 17/09/2024
HORIZON-CL6-2024-FARM2FORK-02-5-two-stage: Animal nutritional requirements and nutritional value of feed under different production management conditions	7		1	RIA	1 st - 22/04/2024 2 nd - 17/09/2024

Enabling sustainable fisheries and aqua culture – 2024 Two Stage

Topic	Budget per Project [M€]	TRL	No. of Projects	Action	Deadline
HORIZON-CL6-2024-FARM2FORK-02-6-two-stage: Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes	4.5	6-7	2	IA	1 st - 22/04/2024 2 nd - 17/09/2024
HORIZON-CL6-2024-FARM2FORK-02-7-two-stage: Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes	4.5	6-7	2	IA	1 st - 22/04/2024 2 nd - 17/09/2024