

הזדמנויות מימון בתוכנית Horizon Europe לשנת 2025 כלכלה מעגלית וביו-כלכלה

Destination 3 - Circular economy and bioeconomy sectors

עלון זה מציג את כותרות הקולות הקוראים בתחום כלכלה מעגלית וביו-כלכלה, תאריך הגשה ותקציב לפרויקט בכל קול קורא. בהצעה המוגשת יש לענות על כל הפרטים הנדרשים בקול הקורא כפי שמתואר באתר בלבד.

מהי תוכנית הורייזון אירופה?

"הורייזון-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, וגם לצרכני קצה, משתמשים ואתרי פיילוט, גופים ציבוריים, רגולטורים, בעלי עניין שונים ושחקנים נוספים בשרשרת הערך. ההגשה לקולות הקוראים בעלון זה היא במסגרת מאגד בלבד – מאגד הוא קבוצת שותפים הכוללת לפחות שלושה שותפים משלוש מדינות שונות, הבונים יחד ומגישים הצעה לפרויקט משותף.

מה זה מאגד? למה אי אפשר לבד?

כדי לפתור אתגרים כה 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. ולהגיש און ליין את ההצעה. באתר הנציבות האירופית להירשם

לפרטים נוספים, פנו אלינו!

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Destination – Circular economy and bioeconomy sectors

This destination and its topics target climate-neutrality, zero pollution, fair and just circular and bioeconomy transitions, covering safe, integrated circular solutions at territorial and sectoral levels, for important material flows and product value chains, such as the textiles, electronics, chemicals, packaging, tourism, plastics and construction, as well as key bioeconomy sectors such as sustainable bio-based systems, sustainable forestry, small-scale rural bio-based solutions, environmental services and aquatic (including marine and freshwater) value chains.

Topic	Key Words	Expected TRL	Budget per Grant [M€]	No. of Projects	Action	Deadline
Destination 3 - Circular economy and bioeconomy sectors						
Enabling a circular economy transition						
HORIZON-CL6-2025-01-CIRCBIO-01: Novel circular business models to enable the just transition to a sustainable and circular economy	circular (large scale) business model, European Green Deal, EU biodiversity strategy for 2030, climate neutrality, product reusability, reparability, refurbishment, repurpose, remanufacturing, products as a service business model, lifecycle, enterprises, R-strategies, behavioural change routes, biodiversity restoration, climate change mitigation, communities, social justice. Social group targetin, fair and affordable pricing, regulatory, governance and economics., New European Bauhaus, Circular Cities and Regions Initiative (CCRI), Social Sciences, humanities	6-8	5	2	IA	17.09.25
HORIZON-CL6-2025-01-CIRCBIO-02: Improving ecodesign of products and development of testing methods for products prioritised under the Ecodesign for Sustainable Products Regulation	: ecodesign for Sustainable Products (ESPR), furniture, mattresses, home/interior textiles, footwear, toys, circularity, durability, reliability, reusability, upgradability, reparability, remanufacturing, material recovery, verification, reward incentives, trade-offs, Sustainable by Design (SSbD) for chemicals and materials	-	4	2	RIA	17.09.25

Topic	Key Words	Expected TRL	Budget per Grant [M€]	No. of Projects	Action	Deadline
HORIZON-CL6-2025-01-CIRCBIO-03: Product Environmental Footprint (PEF) of policy and market-relevant product groups	Product design, life cycle assessment, Product environmental footprint (PEF), Quantitative information on PEF, datasets, industry data, ecodesign requirements, training, dissemination strategies, furniture and mattresses, home/interior textiles; metal products, plastics; tyres; polymers and, ICT products. Value chain	-	4	2	RIA	17.09.25
HORIZON-CL6-2025-01-CIRCBIO-04: Development and testing of Extended Producer Responsibility schemes (EPR) within the priority Circular Economy Action Plan value chains	circularity potential, textiles, plastics, packaging, electronics, ICT products, furniture, construction. Producer responsibility Schemes, Circular Economy Action Plan, value chain. Eco-modulations, EPR fees, circular business models, cost benefit, digital product passport, tracking application, digital solutions, policy recommendation, waste prevention/minimalization, Social Sciences and Humanities	6-7	5	2	IA	17.09.25
HORIZON-CL6-2025-01-CIRCBIO-05: Consumption patterns and environmental awareness as enablers of transition to circular economy	consumption patterns, climate neutrality targets, public awareness, consumer knowledge & behavior, psychological barriers, legal barriers, solutions and services, consumption habits, economic actors incl. municipalities, companies, retailers, service providers, end users, lifecycle, environmental footprint methods, governance policy, education, narratives, framing strategies, storytelling tacti development, marketing, New European Bauhaus, consumption patterns	-	6	2	IA	17.09.25

Topic	Key Words	Expected TRL	Budget per Grant [M€]	No. of Projects	Action	Deadline
HORIZON-CL6-2025-01-CIRCBIO-06: Open Topic: Innovative solutions for the sustainable and circular transformation of SMEs	SME green transition, business models, collaborative governance, organization approaches, metrics and indicator development, reporting tools, digital product passports, SME, environmental performance, legislative adoption and planning of CSRD (corporate sustainability reporting directive)	6-8	5	2	IA	17.09.25
HORIZON-CL6-2025-01-CIRCBIO-07: Indicators for the transition to sustainable and circular economy	macroeconomy, circular economy, cities, regions, circularity indicators, climate neutral, indicator systems, public administration, financial institutions, decision-making	4-6	4	2	RIA	17.09.25
HORIZON-CL6-2025-01-CIRCBIO-08: Demonstration, deployment and upscaling of circular systemic solutions in cities and regions (Circular Cities and Regions Initiative)	circular systemic solutions in cities/regions, construction and buildings, transport and mobility, bioeconomy, land use and spatial planning, socio-economic, environmental needs, Social Sciences & Humanities, regulatory barriers, market, system solutions, typologies, urban, peri-urban, rural, towns, cities, geographical areas, Multi Actor Approach	6-8	9	2	IA	17.09.25

Topic	Key Words	Expected TRL	Budget per Grant [M€]	No. of Projects	Action	Deadline
Innovating for sustainable bio-based systems, biotechnology and the bioeconomy						
HORIZON-CL6-2025-01-CIRCBIO-09: Bioprospecting and optimized production of the terrestrial natural products: new opportunities for bio-based sectors	biodiscovery, bioinformatic tools, bioactive natural compounds, pharmaceuticals, nutraceutical, cosmetics, food/feed additives, agrochemicals, biological active products, secondary metabolites, terrestrial organisms, safety, sustainability, micro, macro organisms, plans, fungi, microorganisms, interspecies communities, novel compounds, in silico prospecting, genomic characterization, product libraries, biomanufacturing, bioreactors, biorefineries, microbial production, synthetic biology, machine learning, modelling, data science, digital twins, biodiscovery processes, high throughput DNA sequencing data, bioactivity prediction, experimental design, SME, industry proof of concept, biodiversity, policy making authorities	6-7	5.5	2	IA	17.09.25
HORIZON-CL6-2025-01-CIRCBIO-10: Unleashing the potential and advancing the impact of the digitalization/Artificial Intelligence of the bio-based value chains	IoT, omics, AI, database development, predictive capacities, Global Resources Outlook 2024, sharing methodologies, European Open Science Cloud, European Research Infrastructure, IBISBA	7	5	2	IA	17.09.25
HORIZON-CL6-2025-01-CIRCBIO-11: Support to the EU Biotechnology and Biomanufacturing Initiative: scoping action		6-7	2	1	CSA	17.09.25

Topic	Key Words	Expected TRL	Budget per Grant [M€]	No. of Projects	Action	Deadline
HORIZON-CL6-2025-01-CIRCBIO-12: Demonstration of reduced energy use and optimised flexible energy supply for industrial bio-based systems	Energy consumption, energy supply, Energy efficiency, separation technologies, membrane distillation, drying processes of biomass, wood residues, algae residues, optimized catalysts, enzymatic processes, purification and separation process, renewable energy use, water-energy nexus	7	5.5	2	IA	17.09.25
HORIZON-CL6-2025-01-CIRCBIO-13: Harmonizing and optimising composting plants performances in Europe	Composting plants, Waste management operators, Circular bio-based materials, Bio-waste collection, Industrial composting facilities, Compostable packaging, EN 13432 standard, Sustainable compost, Environmental impacts, Microbial communities, Biodegrading packaging, Pathogens control, Performance parameters, Microbial bioaugmentation, Biodegradation of pollutants, Microplastics, Industrial composting processes, Multi-actor approach	-	2	1	CSA	17.09.25
HORIZON-CL6-2025-01-CIRCBIO-14: Reconstructing areas affected by conflicts: the role of the bio-based solutions	environmental degradation, disaster stricken areas, terrestrial and aquatic destruction, biodiversity loss, reconstruction, bio-based solutions resilience and mapping, renaturing, destroyed areas, digital solutions.	3-5	8	2	RIA	17.09.25

Topic	Key Words	Expected TRL	Budget per Grant [M€]	No. of Projects	Action	Deadline
Innovating for blue bioeconomy and biotechnology value chains						
HORIZON-CL6-2025-01-CIRCBIO-15: Bioprospecting and optimised production of marine/aquatic natural products in the omics & artificial intelligence era	marine, micro and macro organisms, habitat, deep-sea sediments, shallow waters, marine organisms, metabolic pathways, biological activities, interspecies communities, symbiotic, defense mechanisms, in silico bioprospecting, digital methods, statistics, algorithm, AI, data science, modelling digital twins, bioinformatics, pharmaceuticals, nutraceuticals, cosmetics, food/feed additives, agrochemicals. Biological resources, gene bank, novel compounds, microbial strains, genomics, bioactivity screening, isolation and purification, chemical structure elucidation, biomanufacturing, bioreactors, biorefineries, microbial production, synthetic biology, enzyme selection, DNA sequencing data, bioactivity prediction	6-7	6	2	IA	17.09.25