

Horizon Europe Funding Opportunities – 2021-2022

D.1 - Biodiversity and ecosystems services

ISERD is the interface between the Israeli government and the European Union, encouraging Israeli entities to participate in funding opportunities, and assisting in the process. ISERD holds events, information days, and [monthly Orientation Presentations](#) to give more information about funding opportunities

Horizon Europe -

[Horizon Europe](#) is a 95 billion euro funding programme for innovation and research, that covers all major scientific and technological disciplines, and encourages collaborative projects (consortium) for a joint goal.

- Consortium –
 - ✓ At least 3 partners from 3 different countries participating in the programme
 - ✓ Out of the 3, at least one partner must be from an EU country
 - ✓ A partner can be any legal entity – University, company, agency, organisation, etc...
- Funding Tools –

Action	Funding*	Main Characteristics
RIA – Research & Innovation Action	100% + 25%	Basic and applied research , technology development and integration, testing and validation - small-scale prototype in laboratory or simulated environment
IA – Innovation Action	70% + 25%	Prototyping , testing, demonstrating, piloting, large-scale product validation and market replication
CSA - Coordination & Support Action	100% + 25%	Networking , coordination or support services , policy dialogues and mutual learning exercises and studies

* Non profit – always 100%

ההשתתפות תלויה בחתימת מדינת ישראל על הסכם אסוציאציה לפני חתימה על הסכם הפרויקט;
הכתוב בעלון מבוסס על טיוטת התוכנית, ולפיכך נתון לשינויים – עד לאישור הסופי של תוכניות העבודה

Partner Search

Full Work Programme

Previous Winning Projects

Additional Funding Opportunities

DISCLAIMER - The participation of Israeli entities, as associated country members in Horizon Europe projects is subject to the signing of the 'Association Agreement' to the programme between Israel and the EU.

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Destination 1 – Biodiversity and Ecosystem Services						
Understanding biodiversity decline						
Code	Topic	Budget (M€)	Deadline	No. of Projects (total budget)	Type	TRL to achieve
HORIZON-CLA-DEC-2021-00-00	European participation in global biodiversity genomics endeavours aimed at identifying all biodiversity on Earth	10-20	2021	1-2 (20M)	RIA	
	<p>Successful proposals will contribute to create and maintain nodes and networks integrated into global biodiversity genomics initiatives, to better understand biodiversity decline, its main direct drivers and their interrelations. Projects must contribute to at least three out of the five following -outcomes:</p> <ul style="list-style-type: none"> • Creation and management of the European node of the International Barcode of Life. • Creation of a European hub affiliated to the Earth Biogenome Project, with a common goal and clear targets. • Set up the necessary networks, technologies and taxonomic expertise to systematically, and comprehensively identify specific, intra-specific and ecosystem diversity through genomics techniques, such as full-genome sequencing, barcoding and metabarcoding. • Pan-European barcoding of pollinators by completing the Barcode of Life for European bees, butterflies, moths and hoverflies. • Leverage active support and cooperation of citizen scientists and other non-professional taxonomists. <p>Participation of non-European countries is eligible and matching funding mechanisms are encouraged.</p>					
HORIZON-CL6-DEC-2021-00-00	Data and technologies for the inventory, fast identification and monitoring of endangered wildlife and other species groups	3-5	2021	2-3 (10M)	RIA	
	<p>Proposals should contribute to bridge taxonomic and monitoring gaps, by providing methods, data, knowledge and models on the conservation status and ecological requirements of species and habitats, to better understand and address biodiversity decline, its main direct drivers and their interrelations.</p>					
HORIZON-CL6-DEC-2021-00-00	Understanding and valuing coastal and marine biodiversity and ecosystems services	16	2021	1 (16M)	RIA	4-5
	<p>Proposals will contribute to better understand biodiversity decline, its main direct drivers and their interrelations.</p>					

HORIZON-CL6-DEC-2021-00-00	Observing and mapping biodiversity and ecosystems, with particular focus on coastal and marine ecosystems	14	2021	1 (14M)	RIA	4-5
	Proposals should contribute to better understand biodiversity decline, its main direct drivers and their interrelations.					
HORIZON-CL6-DEC-2022-00-00	Assess and predict integrated impacts of cumulated direct and indirect stressors on coastal and marine biodiversity, ecosystems and their services	10	2022	1 (10M)	RIA	4-5
	Proposals will contribute to all following expected outcomes: <ul style="list-style-type: none"> Systemic approach for the integrated impact assessment of cumulative direct and indirect stressors on coastal and marine ecosystems processes and services Better management of harmful algal and jellyfish blooms 					
HORIZON-CL6-DEC-2022-00-00	Building taxonomic research capacity near biodiversity hotspots and for protected areas by networking natural history museums and other taxonomic facilities	5	2022	1 (RM)	CSA	
	Successful proposals must address all of the following outcomes: <ul style="list-style-type: none"> Increased local taxonomic knowledge and expertise Better taxonomic research capacity and reinforced digital networking New taxonomy methods and technologies are put in use and tested in situ Strategic opportunities to promote integrative taxonomy in professional careers and academic curricula are identified.					

Valuing and restoring biodiversity and ecosystem services						
Code	Topic	Budget (M€)	Deadline	No. of Projects (total budget)	Type	TRL to achieve
HORIZON-CL6-RES-2021-00-00	The economics of nature-based solutions: cost-benefit analysis, market development and funding	6	2021	1 (6M)	CSA	
	A successful proposal will support the development of policies, business models and market conditions to scale up and speed up the implementation of nature-based solutions (NBS). It will contribute to the wider					

	deployment of NBS and to fully reaping their economic, social and environmental benefits in order to build a competitive sustainability in Europe and to tackle climate change.					
HORIZON-CL6-RES-2021-00-00	Nature-based solutions, prevention and reduction of risks and the insurance sector	6	2021	1 (6M)	CSA	
	<p>Proposals should contribute to all following expected outcomes:</p> <ul style="list-style-type: none"> • More robust and integrated NBS for climate change adaptation and disaster risk reduction at local, regional, national and European level • Wider recognition and implementation of NBS as their benefits are fully recognized when compared to the costs of inaction, thus contributing to greater resilience and competitiveness of the economy and society. • Greater engagement of the insurance sector in NBS markets and NBS funding. 					
HORIZON-CL6-RES-2022-00-00	Network for nature: multi-stakeholder dialogue platform to promote nature-based solutions	6	2022	1 (6M)	CSA	
	<p>Expected outcomes:</p> <ul style="list-style-type: none"> • Broad and effective community of innovators, practitioners and developers of NBS • Further developed and self-sustained platform for NBS • Improved cooperation and synergies with key strategic international partners • Consolidation of NBS knowledge across sectors and disciplines 					
HORIZON-CL6-RES-2021-00-00	Ecosystems and their services for evidence-based policy and decision-making Network	13	2021	1 (13M)	RIA	
HORIZON-CL6-RES-2021-00-00	Supporting the development of a coherent and resilient Trans-European Nature Network	7	2021	1 (7M)	IA	
HORIZON-CL6-RES-2021-00-00	Natural capital accounting: Measuring the biodiversity footprint of products and organisations on the environment	8	2021	1 (8M)	IA	

HORIZON-CL6-RES-2022-00-00	Assessing and consolidating recent scientific advances on freshwater ecosystem restoration	0.5	2021	1 (0.5M)	2-stages CSA	
HORIZON-CL6-RES-2021-00-00	Demonstration of measures and management for coastal and marine ecosystems restoration and resilience in simplified socio-ecological systems	10	2021	1 (10M)	IA	6-7
HORIZON-CL6-RES-2021-00-00	What else is out there? Exploring the connection between biodiversity, ecosystems services and pandemics	6-12	2021	1-2 (12M)	RIA	4-6
HORIZON-CL6-RES-2021-00-00	Improved Science based Maritime Spatial Planning and identification of marine protected areas	3-4	2021	2 (7M)	RIA	4-5

Managing biodiversity in primary production						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-MAN-2022-00-00	Maintaining and restoring pollinators and pollination services in European agricultural landscapes	6-10	2022	2-3 (20M)	IA	
HORIZON-CL6-MAN-2021-00-00	Breeding for resilience: focus on root-based traits	7	2021	2 (14M)	RIA	
HORIZON-CL6-MAN-2022-00-00	Boosting breeding for a sustainable, resilient and competitive EU legume sector	7	2022	2 (14M)	IA	

HORIZON-CL6-MAN-2022-00-00	Resilient beekeeping	6	2022	2 (12M)	RIA	
HORIZON-CL6-MAN-2021-00-00	Fostering research in organic crop breeding	5	2021	2 (10M)	IA	
HORIZON-CL6-MAN-2022-00-00	Protection and sustainable management of forest genetic resources of high interest for biodiversity, climate change adaptation, and forest reproductive materials	8	2022	1 (8M)	RIA	
HORIZON-CL6-MAN-2022-00-00	Intercropping – understanding and using the benefits of complexity in farming and value chains	8	2022	2 (16M)	RIA	
HORIZON-CL6-MAN-2021-00-00	Monitoring and effective measures for agrobiodiversity	8	2021	1 (8M)	RIA	

Enabling transformative change on biodiversity						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-TRA-2021-00-00	Assessing the nexus of extraction, production, consumption, trade and behaviour patterns and of climate change action on biodiversity in the context of transformative change	3	2021	4 (12)	RIA	
HORIZON-CL6-TRA-2021-00-00	Quantify impacts of the trade in raw and processed biomass on ecosystems, for offering new leverage points for biodiversity conservation, along supply chains, to reduce leakage effects	2-3	2021	3-5 (10)	RIA/IA	
HORIZON-CL6-TRA-2021-00-00	Biodiversity, water, food, energy, transport, climate and health nexus in the context of transformative change	5	2021	1 (5)	RIA	
HORIZON-CL6-TRA-2021-00-00	Policy mixes, governance (including financing) and decision-making tools for transformative action for biodiversity	2-3	2021	2-3 (8)	RIA/IA	
HORIZON-CL6-TRA-2022-00-00	Understanding role of behaviour, gender specifics, lifestyle, religious and cultural values, and addressing the role of enabling players (civil society, policy makers, financing and business leaders, retailers) in decision making	3-4	2022	2-3 (10)	RIA	
HORIZON-CL6-TRA-2022-00-00	Understanding the impacts of and the opportunities offered by digital transformation, new emerging technologies and social innovation with respect to biodiversity	2-3	2022	2-3 (5)	RIA	

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Interconnecting biodiversity research and supporting policies						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CF-PARTNERSHIP-BIODIVERSITY-2021-01	Rescuing Biodiversity to Safeguard Life on Earth		2021		Co-fund	
HORIZON-CL6-DIV-2022-00-00	A mechanism for science to inform implementation, monitoring, review and ratcheting up of the new EU Biodiversity Strategy for 2030 ("Science Service")	11-13	2022	1 (13)	CSA	
HORIZON-CL6-DIV-2022-00-00	Cooperation with the Convention on Biological Diversity	5	2022	1 (5)	CSA	
HORIZON-CL6-DIV-2021-00-00	Support to processes triggered by IPBES and IPCC	5	2021	1 (5)	CSA	
HORIZON-CL6-DIV-2021-00-00	Impact and dependence of business on biodiversity	2-3	2021	2 (5)	RIA	