

Horizon Europe Funding Opportunities – 2021-2022

Circular Economy, Clean environment, Land, oceans and water

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 3 – Circular economy and bioeconomy sectors

Enabling a circular economy transition

Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-CIR-2021-00-00	Circular Cities and Regions Initiative (CCRI)'s circular systemic solutions	5-10	2021	2-4 (20)	IA	7-8
HORIZON-CL6-CIR-2021-00-00	Circular Cities and Regions Initiative's Project Development Assistance (CCRI-PDA)	2	2021	5 (10)	CSA	
HORIZON-CL6-CIR-2022-00-00	Circular Cities and Regions Initiative's Project Development Assistance (CCRI-PDA)	2	2022	5 (10)	CSA	
HORIZON-CL6-CIR-2022-00-00	Increasing the circularity in textiles, plastics and/or electronics value chains	6-8	2022	1 (8)	IA	6-8
HORIZON-CL6-CIR-2021-00-00	Innovative solutions to over-packaging and single-use plastics, and related microplastic pollution	6-8	2021	1 (8)	IA	6-8

Innovating sustainable bio-based systems and the bioeconomy						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-BIO-2022-00-00	Marginal lands and climate-resilient and biodiversity-friendly crops for sustainable industrial feedstocks and related value chains	7	2022	2 (14)	IA	7
HORIZON-CL6-BIO-2021-00-00	Novel, non-plant biomass feedstocks for industrial applications	6	2021	2 (12)	IA	7
HORIZON-CL6-BIO-2022-00-00	Exploring extreme environments: novel adaptation strategies at molecular level for bio-based innovation	5	2022	2 (10)	RIA	4-5
HORIZON-CL6-BIO-2021-00-00	Contained biomass solutions for sustainable and zeroILUC production systems for high value applications	6	2021	1-2 (10)	IA	7
HORIZON-CL6-BIO-2022-00-00	Sustainable biodegradable novel bio-based plastics: Innovation for sustainability and end-of-life options of plastics	6	2022	2 (12)	IA	7-8
HORIZON-CL6-BIO-2021-00-00	Benefits of the transition towards sustainable circular bio-based systems from linear fossil-based	4	2021	2 (4)	CSA	
HORIZON-CL6-BIO-2021-00-00	Microbiomes for bio-based innovation and environmental applications	6	2021	1 (6)	IA	6-7

HORIZON-CL6-BIO-2022-00-00	Plant photosynthesis: climate emergency, “no pollution and zero-emission” challenge and industrial application	6	2022	1 (6)	RIA	4-5
HORIZON-CL6-BIO-2022-00-00	Life sciences and their convergence with digital technologies for prospecting, understanding and sustainably using biological resources	6	2022	2 (12)	RIA	4-5
HORIZON-CL6-BIO-2021-00-00	Mainstreaming inclusive small-scale bio-based solutions in European rural areas	3	2021	3 (9)	CSA	
HORIZON-CL6-BIO-2022-00-00	Maximizing economic, environmental and social synergies in the provision of feedstock for bio-based sectors through diversification and increased sustainability of agricultural production systems	6	2022	1 (6)	IA	6-7
HORIZON-CL6-BIO-2022-00-00	EU-China international cooperation on unlocking the potential of agricultural residues and wastes for circular and sustainable bio-based solutions	8	2022	1 (8)	RIA	

Safeguarding the multiple functions of European forests						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-FOR-2022-00-00	Harnessing the digital revolution in the forest-based sector	6-8	2022	2-3 (15)	IA	6-7

HORIZON-CL6-FOR-2022-00-00	Strengthening the European forest-based research and innovation ecosystem	4	2022	1 (4)	RIA	

Innovating for blue bioeconomy and biotechnology value chains						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-BLU-2022-00-00	Marine microbiome for healthy oceans and a sustainable blue bioeconomy	9	2022	2 (18)	RIA	3-5
HORIZON-CL6-BLU-2021-00-00	Unlocking the potential of algae potential for a thriving European blue bioeconomy	9	2021	2 (18)	IA	7

Destination 4 – Clean environment and zero pollution						
Halting emissions of pollutants to soils and waters						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-EZP-2022-00-00	Preventing groundwater contamination and protecting its quality against harmful impacts of global and climate change	2-4	2022	3-6 (12)	RIA	5
HORIZON-CL6-EZP-2021-00-00	Regional nitrogen and phosphorus load reduction approach within safe ecological boundaries	2	2021	3 (6)	CSA	

HORIZON-CL6-EZP-2022-00-00	Piloting innovative governance solutions to limit nitrogen and phosphorus emissions at the interface of rural/coastal and urban/industrial environments	6	2022	2 (12)	IA	7-8

Protecting drinking water and managing urban water pollution						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-ZPW-2021-00-00	Preventing and managing diffuse pollution in urban water runoff	2-4	2021	2-5 (10)	RIA	5
HORIZON-CL6-ZPW-2022-00-00	Securing drinking water quality by protecting water sources against pollution, providing innovative monitoring and treatment solutions and ensuring safe distribution	2-4	2022	4-7 (15)	RIA	5

Addressing pollution on seas and oceans						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-ZPO-2021-00-00	Achieving zero polluted seas and oceans	3	2021	1 (3)	CSA	

Increasing environmental performances and sustainability of processes and products						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-EPS-2021-00-00	Environmental sustainability criteria for biological feedstock production and trade in bio-based systems: impacts and trade-offs	6	2021	1 (6)	IA	7-8
HORIZON-CL6-EPS-2021-00-00	Increasing the environmental performance of industrial processes in bio-based sectors: construction, woodworking, textiles, pulp and paper and bio-chemicals	3.5	2021	2 (7)	RIA	5
HORIZON-CL6-EPS-2021-00-00	International and European sustainability certification schemes of bio-based systems.	2	2021	3 (6)	CSA	
HORIZON-CL6-EPS-2021-00-00	New genomic techniques (NGT): understanding benefits and risks – focus on bio-based innovation	5	2021		RIA	
HORIZON-CL6-EPS-2021-00-00	Environmental impacts and trade-offs of alternative fertilising products at global/local scale	2	2021	2 (4)	CSA	7-8

Destination 5 – Land, oceans and water for climate action						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
HORIZON-CL6-CLI-2021-00-00	Improved understanding, observation and monitoring of water resources availability	3-5	2021	2-3 (10)	RIA	5

HORIZON-CL6-CLI-2022-00-00	Climate-sensitive water allocation systems and economic instruments	4-5	2022	2 (10)	2-stage IA	6-8
HORIZON-CL6-CLI-2021-00-00	European Partnership Water Security for the Planet (Water4All)		2021		Co-fund	
HORIZON-CL6-CLI-2022-00-00	Understanding the oceanic carbon cycle	15	2022	1 (15)	RIA	3-5
HORIZON-CL6-CLI-2021-00-00	Key polar processes driving regional & global climate change	7-8	2021	2 (15)	RIA	3-5
HORIZON-CL6-CLI-2021-00-00	Demonstration network on climate-smart farming – linking pilot farms	25	2021	1 (25)	CSA	
HORIZON-CL6-CLI-2022-00-00	Demonstration network on climate-smart farming – boosting the role of advisory services	20	2022	1 (20)	CSA	
HORIZON-CL6-CLI-2021-00-00	Agroecological approaches for climate change mitigation, resilient agricultural production and enhanced biodiversity	7	2021	1 (7)	RIA	

HORIZON-CL6-CLI-2021-00-00	Resilient livestock farming systems under climate change	12	2021	1 (12)	RIA	
HORIZON-CL6-CLI-2022-00-00	Fostering the resilience of food security: from observation of changes to the development of resilience strategies	15	2022	1 (15)	RIA	
HORIZON-CL6-COO-2021-00-00	International Research Consortium on (agricultural) soil carbon	3	2021	1 (3)	CSA	
HORIZON-CL6-CLI-2021-00-00	Agroforestry to meet climate, biodiversity and farming sustainability goals	4	2021	2 (8)	RIA	
HORIZON-CL6-CLI-2021-00-00	Enhancing science-based knowledge on EU forests', including old-growth forests, capacities to mitigate climate change	5	2021	2 (10)	RIA	
HORIZON-CL6-COO-2022-00-00	Forestry - European observatory of climate change impacts and demonstration network of climate smart restoration pilots	15	2022	1 (15)	RIA-C	
HORIZON-CL6-COO-2021-00-00	EU-China international cooperation on increasing the resilience of forests	10	2021	1 (10)	RIA	