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Horizon Europe Funding Opportunities – 2021-2022

Cluster 6 – Food, Bioeconomy Natural Resources, Agriculture and Environment

ISERD is the interface between the Israeli government and the EU, for all the activities of the Framework Programme. Our goal is to promote participation of Israeli entities in European research and innovation (R&I) activity and to increase Israel's scientific and industrial collaboration with the European R&I ecosystem.

ISERD holds events, information days, and monthly Orientation Presentations , providing more information about funding opportunities

Horizon Europe (HEU)

HEU is a 95.5-billion-euro funding programme for R&I, that covers all major scientific and technological disciplines, and encourages collaborative projects (consortia) 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*	Technology Readiness Level	Main Characteristics
RIA – **Research & Innovation Action**	100% + 25%	Low TRL (4-6)	Basic and applied **research**, technology development and integration, **testing** and validation - small-scale prototype in laboratory or simulated environment
IA – **Innovation Action**	70% + 25%	High TRL (6-8)	**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% + 25% overhead

DISCLAIMER: The participation of Israeli entities, as Associated Country (Ac) members in Horizon Europe projects is subject to the signing of the 'Association Agreement' to the programme between Israel and the EU, before the project's Grant Agreement (GA) is signed.

HEU Orientation Presentation | Events | Previous Funded Projects | Additional Funding Opportunities

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Topic	Expected TRL	Budget per Grant [M€]	No. of Projects	Action	Deadline
Destination 3 - Circular economy and bioeconomy sectors					
Enabling a circular economy transition					
HORIZON-CL6-2021-CIRCBIO-01-01: **Circular Cities and Regions Initiative (CCRI)'s circular systemic solutions**	6-8	5-10	3	IA	6.10.21
HORIZON-CL6-2021-CIRCBIO-01-02: **Circular Cities and Regions Initiative's project development assistance (CCRI-PDA)**	-	0.4-2	6	CSA	6.10.21
HORIZON-CL6-2021-CIRCBIO-01-03: **Innovative solutions to over-packaging and single-use plastics, and related microplastic pollution**	6-8	5-7	3	IA	6.10.21
HORIZON-CL6-2021-CIRCBIO-01-04: **Increasing the circularity in textiles, plastics and/or electronics value chains**	6-8	6-8	3	IA	6.10.21
HORIZON-CL6-2022-CIRCBIO-01-01: **Circular Cities and Regions Initiative's project development assistance (CCRI-PDA)**	-	0.4-2	6	CSA	15.2.2022
HORIZON-CL6-2022-CIRCBIO-02-01-two-stage: **Integrated solutions for circularity in buildings and the construction sector**	6-8	6-8	3	IA	15.2.2022 (First stage) 1.9.2022 (Second stage)
Innovating sustainable bio-based systems and the bioeconomy					
HORIZON-CL6-2021-CIRCBIO-01-05: **Novel, non-plant biomass feedstocks for industrial applications**	7	6	2	IA	6.10.21
HORIZON-CL6-2021-CIRCBIO-01-06: **Contained biomass solutions for sustainable and zero-Indirect Land Use Change (ILUC) production systems for high value applications**	7	5	2	IA	6.10.21
HORIZON-CL6-2021-CIRCBIO-01-07: **Microbiomes for bio-based innovation and environmental applications**	6-7	6	1	IA	6.10.21
HORIZON-CL6-2021-CIRCBIO-01-08: **Mainstreaming inclusive small-scale bio-based solutions in European rural areas**	-	3	3	CSA	6.10.21

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HORIZON-CL6-2022-CIRCBIO-01-02: **Marginal lands and climate-resilient and biodiversity-friendly crops for sustainable industrial feedstocks and related value chains**	7	7	2	IA	15.2.2022
HORIZON-CL6-2022-CIRCBIO-01-03: **Benefits of the transition towards sustainable circular bio-based systems from linear fossil-based**	-	2	2	CSA	15.2.2022
HORIZON-CL6-2022-CIRCBIO-01-04: **Maximising economic, environmental and social synergies in the provision of feedstock for bio-based sectors through diversification and increased sustainability of agricultural production systems**	6-7	8	1	IA	15.2.2022
HORIZON-CL6-2022-CIRCBIO-01-05: **EU-China international cooperation on unlocking the potential of agricultural residues and wastes for circular and sustainable bio-based solutions**	-	8	1	RIA	15.2.2022
HORIZON-CL6-2022-CIRCBIO-02-02-two-stage: **Exploring extreme environments: novel adaptation strategies at molecular level for bio-based innovation**	4-5	5	2	RIA	15.2.2022 (First stage) 1.9.2022 (Second stage)
HORIZON-CL6-2022-CIRCBIO-02-03-two-stage: **Sustainable biodegradable novel bio- based plastics: innovation for sustainability and end-of-life options of plastics**	7-8	6	2	IA	15.2.2022 (First stage) 1.9.2022 (Second stage)
HORIZON-CL6-2022-CIRCBIO-02-04-two-stage: **Photosynthesis revisited: climate emergency, "no pollution and zero-emission" challenge and industrial application**	4-5	6	1	RIA	15.2.2022 (First stage) 1.9.2022 (Second stage)
HORIZON-CL6-2022-CIRCBIO-02-05-two-stage: **Life sciences and their convergence with digital technologies for prospecting, understanding and sustainably using biological resources**	4-5	6	2	RIA	15.2.2022 (First stage) 1.9.2022 (Second stage)
Innovating for blue bioeconomy and biotechnology value chains					
HORIZON-CL6-2021-CIRCBIO-01-09: **Unlocking the potential of algae for a thriving European blue bioeconomy**	7	9	2	IA	6.10.21
HORIZON-CL6-2022-CIRCBIO-01-07: **Marine microbiome for a healthy ocean and a sustainable blue bioeconomy**	3-5	9	2	RIA	15.2.2022

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Safeguarding the multiple functions of EU forests					
HORIZON-CL6-2022-CIRCBIO-01-06: **Strengthening the European forest-based research and innovation ecosystem**	-	4	1	RIA	15.2.2022
HORIZON-CL6-2022-CIRCBIO-02-06-two-stage: **Harnessing the digital revolution in the forest-based sector**	6-7	6-8	2	IA	15.2.2022 (First stage) 1.9.2022 (Second stage)