

Horizon Europe Funding Opportunities – 2021-2022

Cluster 5 – Cross-sectoral solutions for the climate transition

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 2: Cross-sectoral solutions for the climate transition						
A competitive and sustainable European battery value chain						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
	Raw materials processing technologies					
C5-D2-BAT 01-2021	Sustainable processing, refining and recycling of raw materials	6-7			RIA	4-5
	Advanced materials					
C5-D2-BAT-03-2021	Advanced high-performance Generation 3b (high capacity / high voltage) Li-ion batteries supporting electro mobility and other applications	6-8			RIA	6
C5-D2-BAT-04-2021	Advanced high-performance Generation 4a, 4b (solid-state) Li-ion batteries supporting electro mobility and other applications	8-9			RIA	5
	Manufacturing processes					
C5-D2-BAT-07-2021	Environmentally sustainable processing techniques applied to large scale electrode and cell component manufacturing for Li ion batteries	5-8			RIA	5-6

C5-D2-BAT-08-2021	Manufacturing technology development for solid-state batteries (Generations 4a - 4b batteries)	6-8			RIA	5-6
Battery Systems						
C5-D2-BAT-12-2021	Physics and data-based battery management for optimised battery utilisation	5-7			RIA	4
Recycling technologies						
C5-D2-BAT-15-2021	Streamlined collection and reversed logistics, fully automated, safe and cost-efficient sorting, dismantling and recycling	5			RIA	5-7
C5-D2-BAT-16-2021	Sustainable, safe and efficient recycling processes	6-8			RIA	5-6
Cross-cutting topics - Coordination						
C5-D2-BAT-20-2021	Support for establishment of R&I ecosystem, developing strategic forward-looking orientations to ensure future skills development, knowledge and technological leadership for accelerated disruptive technology exploration and uptake.	3			CSA	
C5-D5-BAT-ZERT-20-2021	LCA and design for sustainable circularity - holistic approach for zero-emission mobility solutions and related battery value chain	4			CSA	

Communities and Cities					
Code	Topic	Budget (M€)	Deadline	No. of Projects	
C5-D2-CS-16-2021	Co-Funded Partnership: Driving Urban Transitions to a sustainable future (DUT)				

Emerging breakthrough technologies and climate solutions						
Code	Topic	Budget (M€)	Deadline	No. of Projects	Type	TRL to achieve
C5-D2-BT-01-2021	Emerging technologies for a climate neutral Europe	2-5			RIA	4
C5-D2-BT-03-2021	Methane cracking to usable hydrogen and carbon	3-2			RIA	5
C5-D2-BT-05-2021	Technologies for non-CO2 greenhouse gases removal	3-2			RIA	below 3
	In order to ensure that a balanced portfolio of activities covering different emerging breakthrough technologies and climate solutions, the available budget will be firstly allocated to the proposal with the highest score, passing all thresholds, in each of the topics C5-D2-BT-03-2022 and C5- D2-BT-05-2022. In a second round , proposals will be selected for funding regardless of the topic and only according to the single ranking list of all four topic.					

Citizens and stakeholder engagement

Citizens and stakeholder engagement					
C5-D2-CC-01-2021	Fostering a just transition in Europe	4-3			RIA
C5-D2-CC-02-2021	Strengthening Social Sciences and Humanities (SSH) research communities in climate, energy and mobility disciplines	3-2			CSA
C5-D2-CC-03-2021	Accelerating the climate transition in difficult contexts: transition super-labs (pilot)	3-2			CSA
C5-D2-CC-04-2021	Fostering cooperation between Horizon Europe cluster 5 National Contact Points (NCPs)	2			CSA