

Horizon Europe Funding Opportunities – 2021-2022

Destination 2 – Cross-sectoral solutions for the climate transition

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

For further information:

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| Topic | Expected TRL | Budget per Project [M€] | No. of Projects | Action | Deadline |
|--|--------------|-------------------------|-----------------|--------|----------|
| A competitive and sustainable European battery value chain | | | | | |
| HORIZON-CL5-2022-D2-01-01 : Sustainable processing and refining of battery grade graphite (Batteries Partnership) | 6-7 | 5 | 2 | IA* | 6.9.2022 |
| HORIZON-CL5-2022-D2-01-02 : Interface and electron monitoring for the engineering of new and emerging battery technologies (Batteries Partnership) | 3-4 | 5 | 2 | RIA | 6.9.2022 |
| HORIZON-CL5-2022-D2-01-03 : Furthering the development of a materials acceleration platform for sustainable batteries (combining AI, big data, autonomous synthesis robotics, high throughput testing) (Batteries Partnership) | 3-4 | 20 | 1 | RIA | 6.9.2022 |
| HORIZON-CL5-2022-D2-01-04 : Towards creating an integrated manufacturing value chain in Europe: from machinery development to plant and site integrated design (Batteries Partnership) | 6 | 7-8 | 2 | IA* | 6.9.2022 |
| HORIZON-CL5-2022-D2-01-05 : Next generation technologies for High-performance and safe-by-design battery systems for transport and mobile applications (Batteries Partnership) | 5 | 5 | 3 | RIA | 6.9.2022 |
| HORIZON-CL5-2022-D2-01-06 : Embedding smart functionalities into battery cells (embedding sensing and self-healing functionalities to monitor and self-repair battery cells) (Batteries Partnership) | 2-4 | 5 | 3 | RIA | 6.9.2022 |
| HORIZON-CL5-2022-D2-01-07 : Digitalisation of battery testing, from cell to system level, including lifetime assessment (Batteries Partnership) | 5-6 | 5 | 3 | RIA | 6.9.2022 |
| HORIZON-CL5-2022-D2-01-08 : Coordination of large-scale initiative on future battery technologies (Batteries Partnership) | - | 3 | 1 | CSA | 6.9.2022 |
| HORIZON-CL5-2022-D2-01-09 : Physics and data-based battery management for optimised battery utilisation (Batteries Partnership) | 4 | 5 | 3 | RIA | 6.9.2022 |

| Topic | Expected TRL | Budget per Project [M€] | No. of Projects | Action | Deadline |
|--|--------------|-------------------------|-----------------|--------|----------|
| HORIZON-CL5-2022-D2-01-10 : Streamlined collection and reversed logistics, fully automated, safe and cost-efficient sorting, dismantling and second use before recycling (Batteries Partnership) | 5-7 | 5 | 3 | RIA | 6.9.2022 |

* The funding rate is 60% of the eligible costs