**Horizon Europe Funding Opportunities - 2022**

**EIC 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](https://www.innovationisrael.org.il/ISERD/page/news-events)

[Orientation Presentations](https://www.innovationisrael.org.il/ISERD/page/news-events) to give more information about funding opportunities

**Horizon Europe -**

[Horizon Europe](https://ec.europa.eu/info/horizon-europe_en) 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 –

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| **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%

**Focus of the calls –**

**For additional Information –**

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* Transforming research results (Restricted – see below "Target Audience") into innovation opportunities
  + Increase maturity of the technology to TRL 5-6
  + Develop business plans for specific applications
  + Making the solution investment ready
* Two funding options:
  + **Open call**: This funding has no predefined thematic priorities and is open to proposals in any field of science, technology, or application
  + **Strategic challenges**: This funding targets strategic priorities and complements the calls for open funding.

**Target Audience-**

* Funding is restricted to applications based on results generated by the following eligible projects:
  + EIC Pathfinder projects (including projects funded under EIC pilot Pathfinder, Horizon 2020 FET-Open, FET-Proactive and FET Flagships calls (including co-funded ERANET calls under the FET work programme-QuantERA, FlagERA and ChistERA)
  + European Research Council (ERC) Proof of Concept projects
* The project upon which you will be basing your proposal can either active for at least 12 months before the date of the selected EIC Transition call cut-off, or completed less than 24 months before the date of the selected EIC Transition cut-off.
* You may submit a proposal as either:
  + A Single applicant (mid-caps and larger companies will not be permitted)
  + A Small consortium (two partners) – from independent legal entities established in different eligible countries
  + Consortium of three to five different independent legal entities established in at least three different eligible countries, at least one partner must be from an EU country

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| **Area** | **Topic & Short Description** | **Expected TRL** | **Topic Budget (M€)** | **Funding Terms** | **Deadline** |
| --- | --- | --- | --- | --- | --- |
| **EIC Transition**  **Open** | Open Call (Bottom-Up) | TRL 3-6 | EUR 70.9  million | RIA  Budget per project:  EUR  0.5 - 2.5 million  Duration of 1-3 years | Deadlines:  04/05/2022  28/09/2022 |
| **EIC Transition**  **Challenges** | **Green digital devices for the future:**  Projects are expected to contribute to at least one or more of the following outcomes:   * Novel information processing, sensing and storage devices and/or architectures based on new paradigms * Disruptive hardware components with significant progress towards the wafer-scale integration of computational building blocks * Novel designs of large-scale complete systems that include next generation information processing and storage devices | EUR 60.5  million |
| **Process and system integration of clean energy technologies:**   * An energy generation/recovery/storage technology that can positively demonstrate a clearly defined use case * A draft, yet credible, business model for the deployment and use of the energy system in the relevant environment, * An exploitation strategy including the IP protection of the novel results integrated in the energy system. |
| **RNA-based therapies and diagnostics for complex, rare and severe genetic diseases:**  Projects are expected to contribute to [at least one or more of] the following outcomes:   * Novel technological solutions leading to more effective and safer RNA delivery methods * Utilisation of RNAs to molecularly classify sub-types of different solid tumours * Novel and sound ideas for the development and validation of RNA-based therapeutic platforms and drugs; * All the projects should lead to a sufficiently mature and sound data for being ready to be up taken to the (pre-)clinical trials. |