



Israel's Association to the European R&D FPs

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Overview



1. What are the **European R&D FPs**?
2. What is **Association to these FPs**?

Israel's participation:

3. **Facts and figures** about Israel's Association
4. What does Israel **gain** from the Association?
5. How does Israel **manage** its Association?
6. **How can ISERD help?**

What are the European R&D FPs?

- The FPs are the **EU's main funding instrument for R&D** (since 1984)
- Goals:
 - Strengthen the **scientific & technological** base of the **European** industry and academia
 - Support **EU policies** and address major **Societal Challenges**
- Covering **all major scientific, technological, industrial disciplines**
- Each Framework Program is designed for a **7-year period**
- The current 8th FP is called **“Horizon2020”** (2014-2020); it is the biggest and most ambitious with about 80 billion EUR budget.

Horizon 2020

Excellent Science
(€24.4 B)

- European Research Council (€13.1B)
- Future & Emerging Technologies (€2.7B)
- Marie Skłodowska-Curie Actions (€6.1B)
- Research Infrastructures (€2.5B)

Industrial Leadership
(€17 B)

- Leadership in Enabling & Industrial Technologies
 - ICT
 - Nano, New Material
 - Biotechnology
 - Space(€13.5B)
- Access to Risk Finance (€2.9 B)
- Innovation in SMEs (€0.6 B)

Societal Challenges
(€29.7 B)

- Health (€7.5 B)
- Food (€3.9 B)
- Energy (€6 B)
- Transport (€6.3 B)
- Climate (€3 B)
- Inclusive Societies (€1.3B)
- Security (€1.7 B)

Science for Society (€0.5 B)



What is Association to the FPs?



- The possibility of **non-Member-States to join the FPs, under the same conditions** as Member-States.

- Associated countries may be part of the FPs through the conclusion of an **international agreement** and **payment of a contribution**

Members of H2020



EU MEMBER STATES (28)

- | | | |
|--|--|--|
|  Austria |  France |  Malta |
|  Belgium |  Germany |  Netherlands |
|  Bulgaria |  Greece |  Poland |
|  Croatia |  Hungary |  Portugal |
|  Cyprus |  Ireland |  Romania |
|  Czech Rep. |  Italy |  Slovakia |
|  Denmark |  Latvia |  Slovenia |
|  Estonia |  Lithuania |  Spain |
|  Finland |  Luxembourg |  Sweden |
| | |  UK |

ASSOCIATED COUNTRIES (16)

- | | |
|--|---|
|  Albania |  Norway |
|  Bosnia and Herzegovina |  Serbia |
|  Faroe Islands |  Switzerland |
|  FYROM - Macedonia |  Turkey |
|  Iceland |  Ukraine |
|  Israel |  Tunisia |
|  Moldova |  Georgia |
|  Montenegro |  Armenia |

Israeli results in H2020 to date

Submitted Participations		8908
Successful Participations		1245
Success by sector:	Industry	523
	Universities	626
	Others	96
Submitted Proposals		7581
Successful Proposals		1010
Success Rate		13.3%
Value of Israeli grants: 712.6 M€	Industry	218.1 M€
	Universities	476.4 M€
	Others	18.1 M€

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What does Israel gain from the Association to the FPs?

- Europe is Israel's **natural partner** in an era of **globalization**
- Taking part in the biggest **research community** in the world
- Access to new **knowledge**
- Access to **research infrastructure**
- A platform for **technology transfer**



Association benefits - continued



- Objective **evaluation of technology** by **world leader evaluators**
- Integrate the **Israeli academic community** in **flagship projects**
- Opportunity to participate in **shaping European standards**
- Access to the **European market**
- Even for failing proposals; there is a **positive spillover impact**



Israel sees important advantages in the program (apart from the money)

And more...

How does Israel manage its participation?

ISERD – Israeli NCP for the FPs,
aims to maximize Israeli participation

- Inter-ministerial directorate
- Roles
- Main internal organization: by thematic work-programs
- **ISERD is part of Israel's Innovation Authority (IIA)**

ISERD also has other responsibilities: **bilateral R&D industrial co-operations with Europe**, Enterprise Europe Network





Israel Innovation Authority



- The country's public entity which **supports** and **funds** local innovation, research & development.
(former name: "Office of the Chief Scientist")

Divisions of the Israel Innovation Authority

 Startup

 International Collaboration

 Growth

 Advanced Manufacturing

 Technological Infrastructure

 Societal Challenges

- **ISERD** – Israel-Europe R&D Directorate:

“Your Israeli gateway to cooperation in research and innovation with Europe”

- ISERD is the NCP for **H2020 in Israel**, and aims at maximizing the Israeli participation in the **FPs**

How does ISERD maximize participation in the FPs ?

- **Raising awareness about the FP:** info-sessions, events, presentations, webinars, etc.
- Giving **guidance** “on-the ground” for interested stakeholders
- **Assisting in improving and submitting proposals;** preliminary checks, (technical, professional, and for some cases also financial support)
- **Collaborating with key external partners**
- **Support of participating entities,** after winning the grants
- Managing all the **bilateral R&D agreements with EU states**



THANK YOU

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