



YOUR ISRAELI GATEWAY TO COOPERATION IN RESEARCH AND INNOVATION WITH EUROPE

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The Israeli European R&D Directorate for Research and Innovation is an inter ministerial organization established to promote Israel's R&D cooperation with Europe, especially through Israel's participation in the EU Framework Programmes



Since 1996 (mid FP4) Israel is
an Associated Country (AC) =
Full participation in the Framework
RTD Programmes



ISERD - Roles

ISERD aims at maximizing the benefits of Israel's participation in the Framework Programmes (FP)

- **Identifying** opportunities for Israeli entities in H2020 and Encourage Israeli entities to participate in the call for proposals
- Being an **interface** between the Israeli government and the European Union for all FP matters
- **Representing** Israel in the programme **committees** of the European Commission
- Manages the **EEN – European partner search**
- Provides **assistance** throughout projects' submission and management

ISERD | STEERING COMMITTEE



- The Planning and Budgeting Committee of the Council for Higher Education
- Ministry of Economy and Industry via the Innovation Authority
- Ministry of Science, Technology & Space
- Ministry of Foreign Affairs
- Ministry of Finance



Israel in the FPs - The Israeli Perspective

- Europe is Israel's natural partner
- An opportunity to team with Europe on infrastructure and regulatory and policy matters
- Increases Israeli business presence in Europe
- Integrates the Israeli academic community in the ERC activities
- Enhances cooperation between industry and academia

Israel in the FPs - The EU Perspective

- Benefit from the high level of research capabilities
- Learn how to encourage and enhance a successful innovation system
- Strengthen the entrepreneurial spirit of research consortia
- Cooperate with a neighboring country with similar values and culture

Innovation divisions

 Technological
Infrastructure

 Startup

 Growth

 Societal
Challenges

 Advanced
Manufacturing

 International
Collaborations

➤ The different Needs of Israeli Hi-tech Firms Require Different Policies and Tools

Research infrastructure, disruptive technologies

Maintaining a sufficient deal flow of tech startups and helping them reach fundable milestones

Helping tech firms grow in Israel

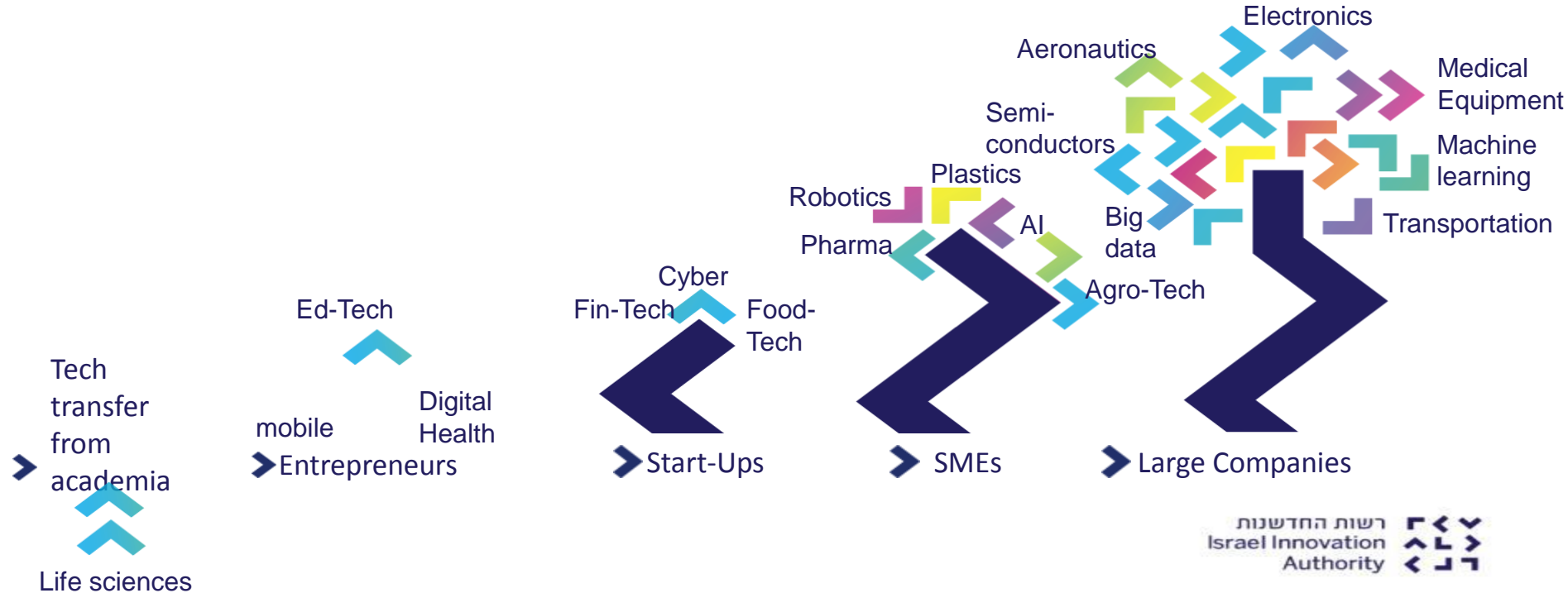
Supporting tech solutions for societal and public goals

Pushing the manufacturing industries to a sustainable competitive path

Enabling Israeli technology industry to find its path in the global arena

➤ The Israeli Innovation Authority

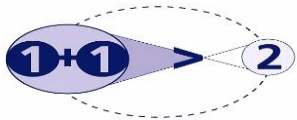
Funding all technologies and all stages of Innovation



Technological Infrastructure- MagneTon -

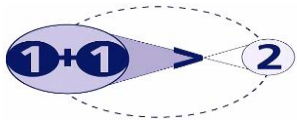
Encouragement of technology transfer-

- Dual cooperation between Academia and Industry
- 1 company & 1 academic group doing feasibility research in order to validate chance to use the technology for new product's development
- Short time activity – up to 24 months
- Budget – up to \$800,000.
- The project will aim to reduce the uncertainty of the innovative technology
- The company has relevant employees (the same areas as the lead researcher)
- The activity is an address to the company's development



Magneton – results so far

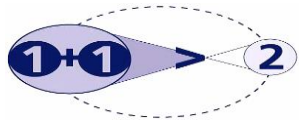
- 10 years of operation.
- 220 projects financed. 25 new projects annually.
- An effective route for companies with good engineering and lack of creativity.
- It encourages the collaboration between Academia and Industry.
- 50% succeed with proceed projects.
- 25% success! but no continuation.
- 25% failure



Technological Infrastructure - Nofar

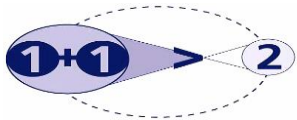
An applied research in the Academia supported by Industry -

- Dedicated to Bio-technology & Nano-technology
- Solo academic research.
- Short time activity – up to 15 months.
- Budget up to \$100,000.
- 10% requirement of financial assistant by relevant company.
- Achieving a milestone that makes sense to the industrial candidate.
- The company has priority in commercialization agreement.



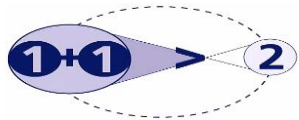
Nofar – results so far

- 100 projects financed; 15 new projects annually
- A very good route for firms to assess new technologies and encourages the collaboration between Academia and Industry.
- 50% of the projects are commercialized



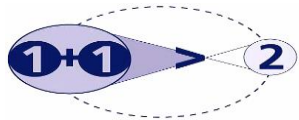
Kamin - Encourages Applied Research

- Translation of the achievements of scientific research to industrial applications.
- Support research with a potential to become in a later stage an industrial product.
- Solo academic research, based on excellent basic research. Doesn't require an Industrial partner.
- Up to \$100,000 per year for up to 24 months.
- Lead to commercialization of the knowledge to local industry (including Spin-Offs).
- Complementary funding from the academic grant recipient (participatory funding).



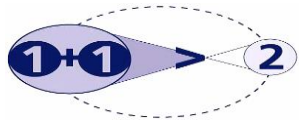
Kamin – results so far

- 200 active projects; 150 annually with 45% approval rate
- A good route for POC of academic research and a tool for transferring the knowledge to industry.
- Various submitting bodies including universities, hospitals, colleges and regional research centers.



QuantERA: ERA-NET Cofund in Quantum Technologies

- A network of 32 organisations from 26 countries, supporting research in Quantum Technologies (QT).
- Budget of € 34 M, including co-funding from the European Commission,
- Supports international research projects in the field of QT for Communication, Simulation, Computation, Information Sciences, Metrology Sensing and Imaging.
- The funding is based on the national rules in each country.
- In Israel, the funding body is the Israeli Innovation Authority (IIA).
- IIA has offered the Israeli researchers submission to QuantERA consortium, using one of the following national programs: MAGNETON, NOFAR or KAMIN.
- 19 Israeli researchers submitted pre-proposals to QuantERA.
- All of them are eligible for the full-proposal stage. 11 are also eligible for the national funding, based on KAMIN program (up to 85% funding of the approved budget).





THANK YOU

INNOVATION
BREAKS BOUNDARIES

www.iserd.org.il

רשות החדשנות
Israel Innovation
Authority

Ministry of Science
Technology & Space

המטה
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