



***Funding opportunities and schemes
for R&D cooperation between Italy and Israel –
a focus on Life Sciences***

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ISERD – The Israel-Europe R&D Directorate
Tel Aviv, November 2015

ISERD – The Israel-Europe R&D Directorate

ISERD is an inter-ministerial directorate, reporting to -

- The Ministry of Economy
- The Council for Higher Education – Planning and Budgeting Committee
- The Ministry of Science, Technology and Space

Chairman of the Steering Committee: Mr. Avi Hasson

Chief Scientist, Ministry of Economy

ISERD offers two types of funding platforms for Israeli-European R&D cooperation

- Multinational and Binational R&D cooperation programs based on national funding (direct bilateral agreements, Eureka, Eurostars)
- The European Framework Program for R&D, Horizon 2020

The Israel-Italy Call for proposals

- Annual call, next launch 1/12/2015, deadline 7/3/2016.
- Open to all topics
- One IL industrial company (may be assisted by Academia)
- One IT industrial company (may be assisted by Academia) **or**
One IT academic institution (must be assisted by a company)
- No limit on budget (as long as it makes sense)
- Grant up to 50%; becomes a loan if successful

Contact points

- Israel: ISERD
 - Ran Arad, ran@iserd.org.il
 - Sharyn Lieberman, sharyn@iserd.org.il
- Italy: Ministero degli Affari Esteri e della Cooperazione Internazionale, D.G.S.P. – Unità per la Cooperazione Scientifica e Tecnologica Bilaterale e Multilaterale, accordo.italiaisraele@esteri.it

Horizon 2020

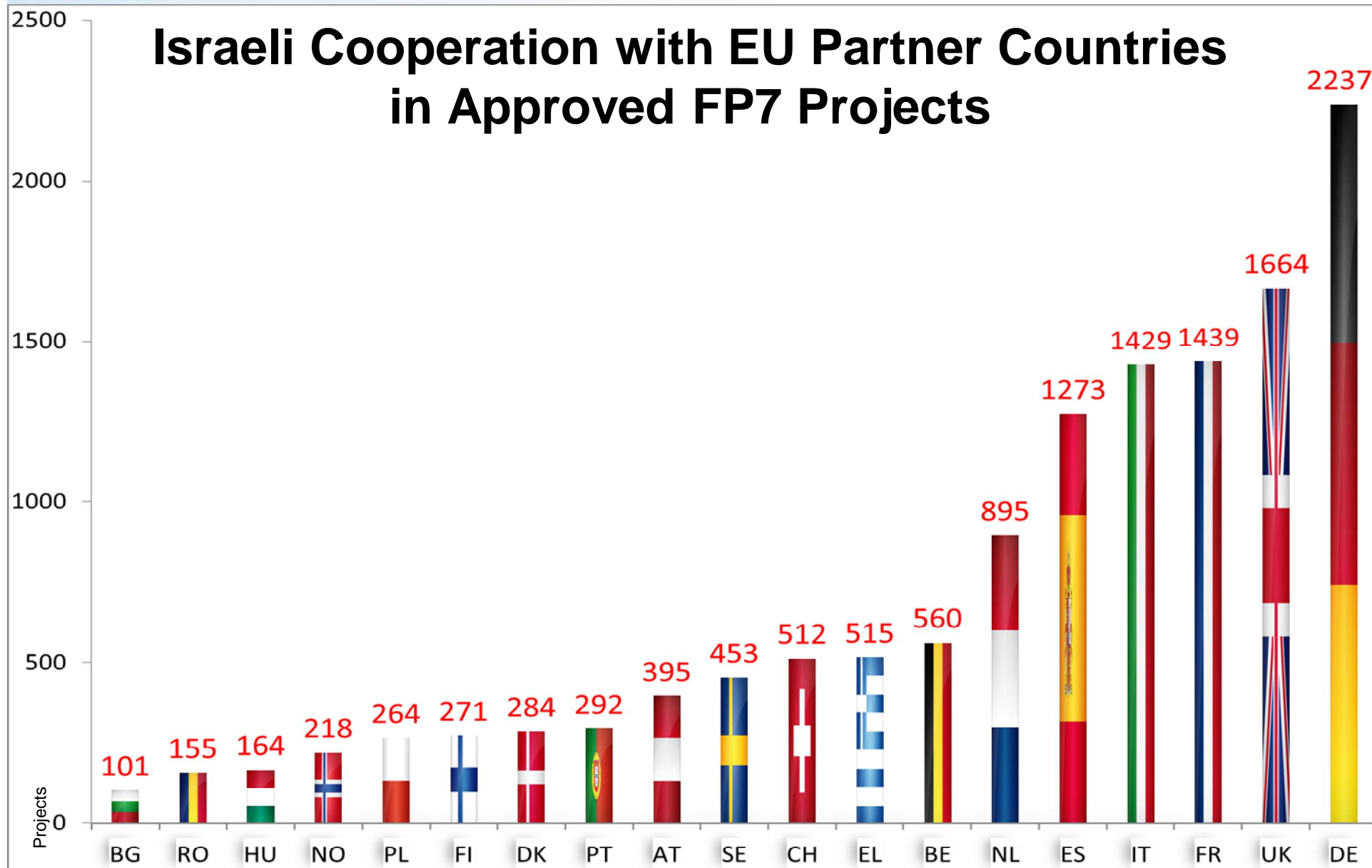
- Funding is not national but comes from Brussels
- EUR 77 Billion over 7 years
- Consortia of at least 3 entities from 3 countries
 - Thematic calls: Healthcare, Biotechnology etc.
 - FTI – Fast Track to Integration, very close to market
 - SME Instrument – only one applicant

Contact Points

- Israel: ISERD
 - Ayala Karniol, ayala@iserd.org.il
 - Noa Gur-Horwitz, noa@iserd.org.il

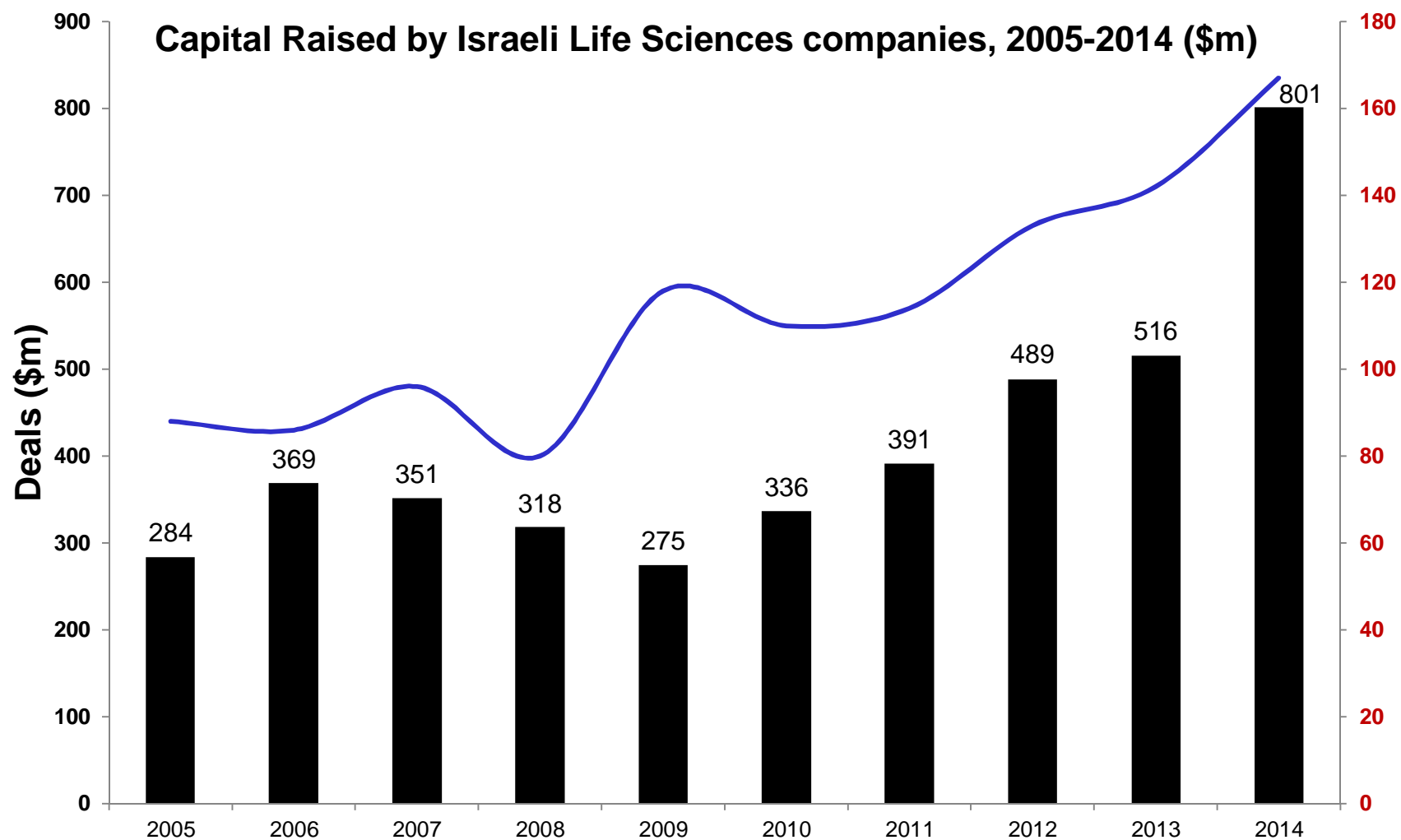
- Italy: APRE
 - https://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html#c,contact=country/sbg/Italy/1/1/0&function_details..function_abbr/sbg//1/1/0&+person.last_name/desc
 - Or google "H2020 NCP", click first link and search for Italian NCPs

Israeli Cooperation with EU Partner Countries in Approved FP7 Projects



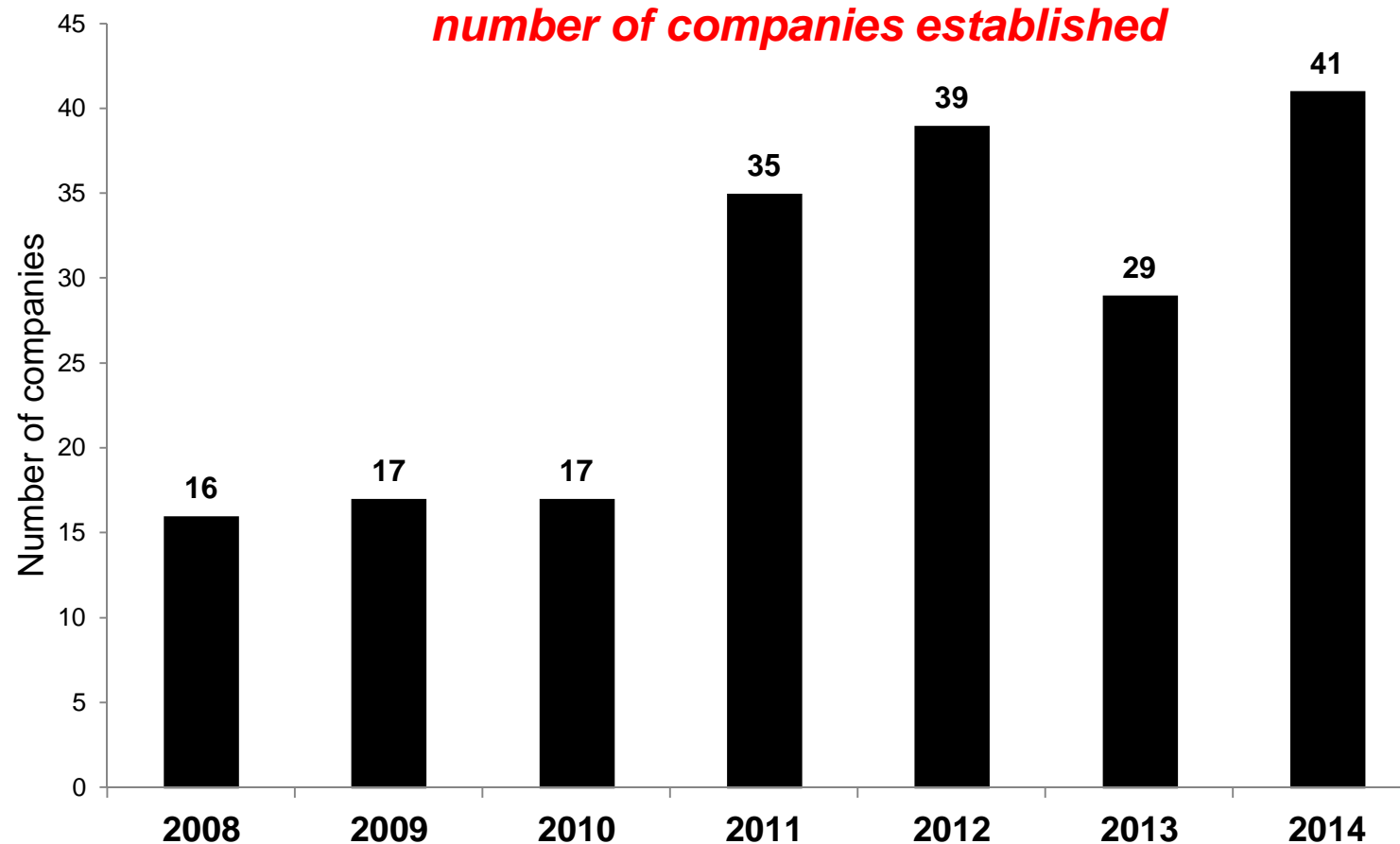
The Life Sciences sector in Israel

- ~1,400 companies (50% medical devices, 25% pharma, 20% digital/mobile health); ~50 new ones each year
- ~8.5 USD Billion in export (~20% of total export)
- A whole spectrum of sub-sectors: Therapeutics, Monitoring, Diagnostics, Miniature Devices, Imaging, Robotics, Nano-technologies, Telemedicine,...



An emerging sub sector – Health IT and Digital Health

number of companies established



IL-IT success stories in the Life Sciences sector

- 2015 Bilateral IL-IT call winners
 - Diagnostic kit for predicting and scoring blood quality and survivability (IL: PRC Biomedical Ltd., IT: Diatheva Srl + Fondazione Ingm)
 - Novel radiation dosimeter based on floating gate direct radiation c-sensor (IL: Rotem Industries Ltd., IT: BlueCat Energy Srl + Università della Calabria)
- H2020 Health call for collaborative projects, 2014: a winning project focused on Healthy Living for the Elderly, including an Israeli HMO (*Clalit*) and two Italian entities (*AIMA Napoli Onlus; Your Data Srl*)
- H2020 FTI call, 2015: a winning project including an Israeli SME and Università degli Studi di Milano