

14th German - Israeli EUREKA Call for Proposals for Joint R&D Projects

Joint Webinar by BayFOR, AiF, Israel Innovation Authority

Wednesday 26 October, 2022





Bavarian
Research Alliance

The Israeli-German Eureka Call

Meet your speakers:

Bavarian Research Alliance GmbH- Anna Abelmann & Nivedita Mahida-Königsdörfer

AiF GmbH- Georg Nagel

Israel Innovation Authority- Neta Gruber and Uzi Bar-Sadeh

Fraunhofer Institute for Applied Optics and Precision Engineering - Dr. Angela Duparré





What awaits you today!

10:00 (CEST) 11:00 (IDT)	Opening and Introduction Nivedita Mahida-Königsdörfer, Bavarian Research Alliance (BayFOR)
10:15 (CEST) 11:15 (IDT)	Bilateral Eureka Call Germany-Israel: General information on Call Georg Nagel, AiF GmbH; Neta Gruber, Israel Innovation Authority
10:35 (CEST) 11:35 (IDT)	Specifics for Israeli participants Uzi Bar-Sadeh, Israel Innovation Authority
10:45 (CEST) 11:45 (IDT)	Specifics for German participants Georg Nagel, AiF GmbH
10:55 (CEST) 11:55 (IDT)	Q&A
11:00 (CEST) 12:00 (IDT)	Support services for applicants Anna Abelmann, Scientific Coordination Office Bavaria-Israel, Bavarian Research Alliance (BayFOR)
11:10 (CET) 12:10 (IST)	Success stories Dr. Angela Duparré, Fraunhofer Institute for Applied Optics and Precision Engineering IOF Q&A
11:30 (CEST) 12:30 (IDT)	End of Event



From Start-up Nation To Innovation Nation

Neta Gruber Perry
Europe Desk Director
International Collaboration Division

➤ The Israeli High-Tech Industry Yields Significant Economic Value

10.4 % of total employees in the market

54.2 % of total Israeli exports

➤ **361,500** workers in high-tech

15.3 % of total GDP

25 % of income tax

➤ Israeli High-Tech Industry Continues to Break New Records



88 Mega funding rounds of more than \$M100 USD in 2021



\$300 B
The market value of Israeli companies traded on Wall Street



72
Unicorns**



רשות החדשנות
Israel Innovation
Authority

- * In the first 3 quarters of 2021 – according to the 3Q,21 IVC Report
- ** As of October 2021 <https://www.techaviv.com/unicorns>

➤ Israeli Innovation Industry is at an All Time High



~500

**Active
Investment
Organizations**



~400

**Multinational
R&D Centers**

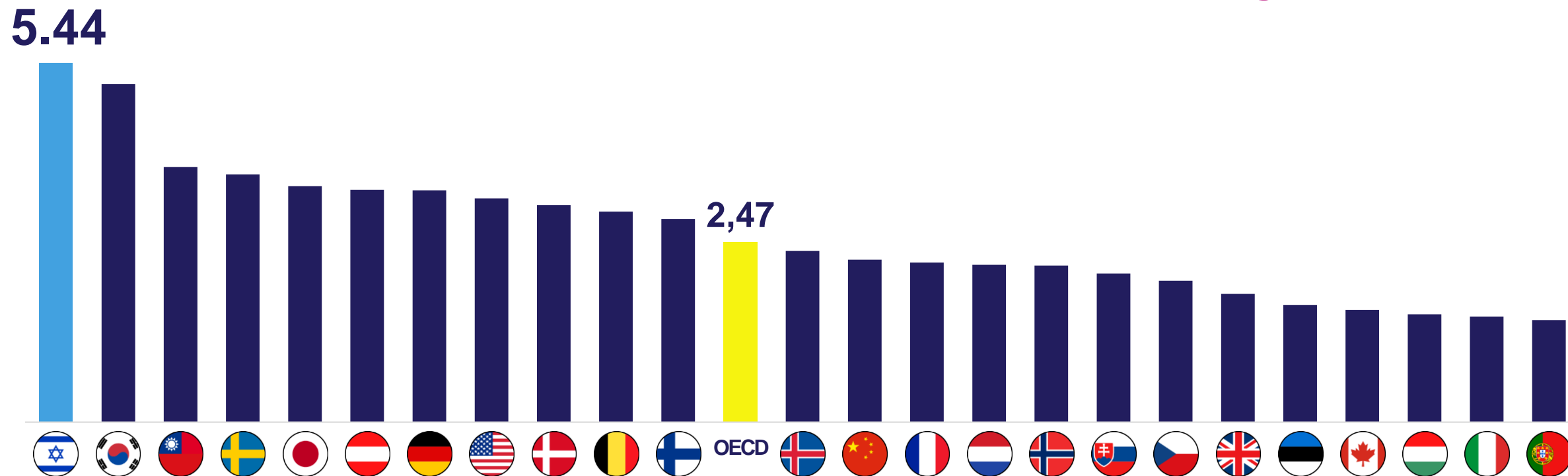


~10,000

**Active
Companies**

➤ Leading the World in Research & Development

National expenditure on civilian R&D as a percentage of GDP



➤ Government Role – Complementing the Private Sector

Increase financial value of Israeli Innovation and ensure future technological leadership



Remove Obstacles



Establish New Growth Engines



Address Market Failures

➤ Israel Innovation Authority – In Brief



4500 Submissions
per year,
~50% approved



1.5
Billion NIS
annual budget

Mission:

Promote innovation as a leverage to
inclusive & sustainable financial growth



Bottom-up
Approach & support
of all technologies



About **140**
employees
180
technology
evaluators



Supporting
Single
entrepreneur
up to large corp.



Conditional **Loan**
Repaying royalties



רשות החדשנות
Israel Innovation
Authority

➤ This is where the Israel Innovation Authority takes the stage!



The Mission

Promoting technological innovation as a leverage for inclusive and sustainable economic growth

1

Investing in R&D
of innovative
technological
products



Climate-Tech

2

Gearing up for future
technologies



Bio-Convergence



Quantum



AI

3

Enabling Activities –
Innovation lobby,
regulatory Sand-Box,
human capital

➤ International Collaboration Tools

Funding of
Joint R&D
through Eureka
Programs

R&D and Pilots
with leading
MNCs, Hospitals
& more

Knowledge
commercialization
from Academia

Horizon Europe
Funding Scheme -
ISERD



➤ Thank You

Neta.gruber@innovationisrael.org.il



רשות החדשנות
Israel Innovation
Authority

Specifics for Israeli Partners

innovationisrael.org.il



רשות החדשנות
Israel Innovation
Authority

Program Characteristics

- Industrial R&D in all sectors.
- Annual Calls for Proposals-New call is launched.
Submission Deadline: February 20th, 2023.
- Joint Participation and contribution of both sides to the project
- Project Financing up to 50% of Costs

Local Project

- Governed - by the R&D Law
- Financed - by the R&D fund
- Subjected - to the regulation and procedures of the IIA.
- Approval - by the R&D Committee Project
- The above applies also to the BI-National Projects



רשות החדשנות
Israel Innovation
Authority



Strings attached

Funding (20%-50%) is matched with private money

Financing is done through grants (no equity) – but these become loans upon success

**Funding for industrial company.
Academia-just as a subcontractor!**





Evaluation Process

Through an online system

1. Evaluation process

Nominating an evaluator

On-site evaluation

Final report

2. Decision made by the Research Committee:

Approval/disapproval, budget and % support

3. Payment:

Company gets immediately partial advance money.

EoQ: writes final technical and financial report to receive next installment.





רשות החדשנות
Israel Innovation
Authority

➤ Evaluation Criteria

1. The **technology** aspect (innovation, originality, risk, technological assets, IP)
2. The **commercial** aspect (potential, markets, marketing, customers, sales, margins, manufacturing, economic benefits)
3. The **capabilities and competence** of the company
4. In case of international cooperation: **the synergy**



Funding Agency

- In Israel – Innovation Authority
- Uzi Bar-Sadeh, Israeli Eureka NPC
- Tel: 03-5118185
- E-mail: uzi@iserd.org.il



Bavarian
Research Alliance

Support services for applicants



The Bavarian Research Alliance (BayFOR)

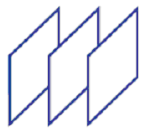
- Initiative to promote Bavaria as a location for science and innovation within the European Research Area
- Founded in 2006
- Associates: University of Bavaria e.V. and The Bavarian Universities of Applied Sciences e.V.
- Director/CEO: Martin Reichel



Picture: © Fotolia



Associates & Contributors



Universität
Bayern e.V.

11 universities



HOCHSCHULE
BAYERN

- The Bavarian Universities
of Applied Sciences - e.V.

19 universities of applied
sciences



Bavarian State Ministry of Science and
the Arts and the Bavarian State
Chancellery





BayFOR as a „Full Service Provider“

Project management

- Administrative project management for EU projects
- Workshops/trainings for project participants and third-party staff
- Advice on questions related to EU project management
- Public relations for EU projects

Project implementation

- Support for grant agreement preparation
- Assistance with financial and organizational issues



Information

- Information on current and future EU calls for proposals and on how to write a successful application
- Lobbying activities – strategic positioning of ideas

Advisory services

- General and call-specific expert advice on EU funding schemes
- Assistance in assigning project ideas to the appropriate funding scheme

EU application support

- Active support for the entire application process
- Preparation of call-specific information material
- Assistance in the search for cooperation partners (European / international)



Unit for SME Advisory Services and BayFOR as a partner in Enterprise Europe Network

- Information and **assistance** for SME participation in European funding programmes for research and innovation.
- From eligibility analysis to **submission of the EU proposal**
- **Project partner search services** for building up European consortia and for bilateral technology transfer
- **Identification** of the right EEN advisor in case of requests beyond our competences: EU certification, trade information in other countries, deployment of employees within the EU, business contacts in third countries, etc.



Foto: EASME





Scientific Coordination Office Bavaria-Israel

Missions and objectives

- Providing assistance and support for international cooperation projects in research and innovation
- Scientific, administrative and financial support (mobility grants) for bilateral projects, from idea to implementation
- Networking activities for stakeholders in research and innovation, e.g. by supporting delegations
- Set-up of multilateral R&I project consortia

Funding instruments

- Enabling mobility and networking
- Providing initial funding for cooperation
- Acquiring grants for international research projects





Bavarian
Research Alliance

Your Contact @BayFOR



Scientific Coordination Office Bavaria-Israel
Dr. des. Anna Abelmann-
Brockmann
Senior Scientific Officer
abelmann@bayfor.org



Unit for SME Advisory Services, Enterprise
Europe Network
M. Sc. Nivedita Mahida-Königsdörfer
Scientific Officer
mahida@bayfor.org



Bavarian
Research Alliance

Success story

Dr. Angela Duparré, Fraunhofer Institute for Applied Optics
and Precision Engineering IOF

**Ultrablack, durable micro/nano coatings
with adjustable hydro- and oleophobic properties
- UPHO -**

Within the frame of EUREKA,

10th German - Israeli Call for Proposals for Joint R&D Projects

Project Partners

Germany:

COTEC GmbH, Karlstein

Fraunhofer Institute for Applied Optics and Precision Engineering (IOF),
Jena

Israel:

Acktar Ltd., Kiryat-Gat

Project Period

Start: May 2018

Duration: two years

Summary

Ultrablack surfaces with **novel functional** properties to be developed:

- High **durability** and environmental and mechanical **stability**
- Flexibly adjustable **wetting properties** for water and oil up to super-hydrophobicity and self-cleaning
- Time and cost **efficient technologies** without necessity of structuring techniques



Bavarian
Research Alliance

Thank you for your attention!