

BIRD FOUNDATION

ANNUAL REPORT 2025

OUR MISSION STATEMENT

To stimulate, promote and support
joint industrial R&D of mutual
benefit to Israel and the U.S.

MESSAGE FROM THE EXECUTIVE DIRECTOR



As we begin 2026, I am filled with pride and gratitude for the remarkable community that surrounds the BIRD Foundation -our grantees, partners, and the many organizations that collaborate with us across industries, academia, and government. Each of you plays a vital role in strengthening the U.S.-Israel partnership through innovation.

The past year was exceptionally productive for BIRD. It was also a year marked by continued geopolitical uncertainty and regional challenges that affected many of our partners and communities. These circumstances served as a powerful reminder of the importance of our mission. In times of instability, binational cooperation becomes not only valuable but

essential -and we saw clearly how our role in fostering trust, partnership, and shared scientific and technological progress became even more meaningful.

Beyond the many partnerships we helped initiate -including many that continue to flourish even without receiving BIRD funding -we also concluded a highly successful cycle of approvals across all our programs. These ongoing relationships exemplify the Foundation's broader mission: to build enduring bridges between Israeli and American innovators and to foster collaborations that continue to deliver value long after a project is completed.

In the BIRD General Program, we approved 10 new projects this past year -5 projects totaling \$6 million in December 2024 and another 5 totaling \$5.5 million in September 2025. These projects span diverse domains including medical technologies, advanced manufacturing, climate technologies, cybersecurity, and next-generation computing, reflecting the breadth and depth of innovation emerging from both ecosystems.

The BIRD Cyber program also continued to advance, with 2 new cyber-focused projects approved this year. These initiatives strengthen our ability to support technologies that enhance the protection of critical infrastructure and contribute to national resilience at a time when cyber threats continue to evolve.

Our BIRD Energy program had an especially impactful year, with 5 projects approved in November 2024 totaling \$7.5 million, followed by an additional 4 projects in November 2025 totaling \$5 million. These projects address pressing needs in energy efficiency, energy storage, grid resilience, and energy reliability and security -all critical areas for both countries as they work to strengthen their energy systems and accelerate the transition to cleaner, more resilient technologies.

In parallel, the U.S.-Israel Energy Center continues to expand its impact. Following the productive collaboration within its existing consortia, the partners have agreed to launch a new Call for Proposals for two additional consortia focused on high-impact energy and water technologies. The continued success of this model underscores how coordinated, multi-party collaboration can accelerate innovation, leverage complementary capabilities, and create long-term value for both nations.

Looking forward, BIRD remains committed to supporting bold ideas, strong partnerships, and transformative real-world impact. Our programs will continue to champion innovation across critical sectors such as health, energy, food and ag-tech, cybersecurity, and advanced manufacturing, while embracing emerging opportunities in artificial intelligence, bioconvergence, and quantum technologies. This balanced approach enables BIRD to support both immediate national needs and long-term strategic priorities.

To our grantees -past, present, and future - thank you for inspiring us with your creativity and determination. To our partners in government, academia, and industry -thank you for your continued trust and collaboration. And to the dedicated BIRD Foundation team -thank you for your professionalism, commitment, and passion. Together, we are building the next chapter in the U.S.-Israel innovation story. With appreciation and optimism,

Jaron Lotan
Executive Director

BOARD OF GOVERNORS – 2025

U.S. GOVERNORS



MR. MICHAEL MOLNAR | CO-CHAIR
Director, Advanced Manufacturing National Program Office, National Institute of Standards and Technology (NIST)
representing the Under Secretary for Standards and Technology
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MS. CHRISTIN KJELLAND
Deputy Director in the Office of Science and Technology Cooperation
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Department of State



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representing the Assistant Secretary for International Affairs
Department of Treasury

ISRAEL GOVERNORS



DR. ALON STOPEL | CO-CHAIR
Chairman of the Israel Innovation Authority (IIA) & Chief Scientist for Innovation
Ministry of Innovation Science & Technology



MR. INON ELROY
Representing the Director General
Ministry of Economy and Industry



MR. OPHIR GORE
Representing the Director General
Ministry of Finance

ADVISORS

Dr. Harry Hertz

Dr. Phillip Singerman

JOINED AS GOVERNOR DURING 2025

Ms. Katherine Allen- Department of Treasury

JOINING THE BOARD MEETINGS DURING 2025

Mr. Andrew Conn- NIST

Mr. Adam Friend- Department of State

Ms. Yifat Hadaya- Israel Innovation Authority

Dr. Einat Magal- Ministry of Innovation, Science and Technology

Ms. Lymarie Maldonado Baez- NIST

Ms. Wendy Nassmacher- U.S. Embassy, Jerusalem

Adv. David Osborne- Arnon & Tadmor-Levy

ABOUT BIRD

The U.S.-Israel Binational Industrial Research and Development (BIRD) Foundation works to encourage cooperation between U.S. and Israeli companies in a wide range of technology sectors by providing funding and assistance in facilitating strategic partnerships for the development of joint products or technologies.

BIRD provides support of up to 50% of a project's budget, beginning with R&D and ending with the initial stages of sales and marketing. BIRD shares the risk and requires repayment only if revenues are achieved. BIRD supports projects without receiving any equity or IP rights in the participating companies or technologies.

BIRD's scope extends to Advanced Manufacturing, Agrotechnology, Cleantech, Energy and Environment, Communications, Construction Tech, Cyber Security, Electronics, FinTech, FoodTech, Healthcare IT, Homeland Security, Life Sciences, Nanotechnology, Semiconductors, Software, Water and other areas of innovative technology with commercial potential.

Since 1977, the Foundation has approved investments in close to 1200 projects, which have yielded direct and indirect revenues of more than \$10 billion. BIRD approves projects twice a year. Projects are evaluated by expert reviewers appointed by the Israel Innovation Authority (IIA) and the National Institute of Standards and Technology (NIST), U.S. Department of Commerce.

The Foundation also manages BIRD Energy, a program which promotes and supports U.S.-Israel joint development projects relating to energy technologies. This program is the implementation of a cooperation agreement between the U.S. Department of Energy and the Israel Ministry of Energy, along with the Israel Innovation Authority.

Another binational program managed by the Foundation is "BIRD Homeland Security (HLS)." BIRD HLS is a joint U.S.-Israel program that aims to foster and support the

development of advanced technologies for the homeland security mission. This program was established by the U.S. Department of Homeland Security (DHS) and the Israel Ministry of National Security (IMNS) as part of the agreement between the Government of the United States of America and the Government of the State of Israel on Cooperation in Science and Technology for Homeland Security Matters.

In 2018, the BIRD Foundation was selected to manage the U.S.-Israel Energy Center, fully named: The U.S.-Israel Center of Excellence for Energy, Engineering and Water Technology. The goal of the Energy Center, established by the U.S. Department of Energy, Israel Ministry of Energy and the Israel Innovation Authority, is to promote energy security and economic development through the research and development of innovative energy technologies.

The Energy Center is a 5-year program, currently covering four topics: Energy Storage, Energy Cyber, Energy-Water Nexus and Fossil Energy. For each topic, a consortium of U.S. and Israeli companies and/or universities and/or research institutions work jointly to perform research and development, leading to know-how/technology transfer from academia to industry and significantly accelerating deployment of technologies. A new Call for Proposal will be issued at the beginning of 2026 focusing on three Topics: Fossil Energy, Energy Storage, and Energy-Water Nexus.

BIRD Cyber is the most recent program to be added to those managed by BIRD. The program was announced in July 2022. The first projects were selected in March 2023, and the second cycle of projects in 2025. This program was established by the U.S. Department of Homeland Security (DHS) and the Israel National Cyber Directorate (INCD) to promote collaborations focused on the development of cybersecurity and related emerging technologies aimed at enhancing cyber resilience by harnessing the innovation and ingenuity of the Israeli and American technology sectors.

BIRD GENERAL PROGRAM ACTIVITY SUMMARY

ACTIVITY SUMMARY - 2025

Direct Sales	Repayments	Grant Payments	Approved Projects
\$38 million	\$1.9 million	\$6.3 million	Total projects 5 projects
Cumulative \$5.37 billion	Cumulative (from 505 companies) \$119 million	Cumulative \$412 million	Cumulative 1,086 projects

*Not including other BIRD Programs.

Income

BIRD's annual income is comprised of interest earned on the Endowment Fund and Repayments from companies whose projects generated sales. That annual income enables BIRD to meet all its financial obligations.

Since its inception, BIRD has received interest income of approximately **\$351** million on the Endowment Fund and Repayments of approximately **\$119** million from successful projects. Over that period, Grant Payments to companies have reached approximately **\$412** million (all amounts are nominal, not adjusted to inflation).

FINANCIAL SUMMARY - 2025

	Income				Grant Payments	
	Endowment		Repayments			
	Year (\$M)	Cum. (\$M)	Year (\$M)	Cum. (\$M)	Year (\$M)	Cum. (\$M)
2015	7	266	2	104	10	329
2016	7	273	1.5	105	10	339
2017	8	281	0.9	106	7.4	346
2018	8	289	2.4	109	8.7	355
2019	8	297	1.9	111	7.8	363
2020	8	305	2.2	113	8.8	372
2021	8	313	2.3	115	9.0	381
2022	9	322	0.6	116	9.0	390
2023	9	331	1.0	117	7.6	396
2024	10	341	0.6	117	10.1	406
2025	10	351	1.9	119	6.3	412

BIRD GENERAL PROGRAM APPROVED PROJECTS 2025

Up until 2024 BIRD's Board of Governors (BOG) convened twice a year. The BOG meetings were held every June and December, in Washington, D.C. and Israel respectively. Starting in 2025 the BOG meetings transitioned to a March and September schedule. The first meeting under this new cadence took place in September 2025 hence only one meeting was held in 2025.

COMMUNICATIONS

Israeli Co.	U.S. Co.	Project Title	Sector Info.
Accubeat Jerusalem	FieldLine Industries/Medical Louisville, CO	Compact low-power, miniature atomic clocks and magnetometers using innovative quantum technology	Hardware

HEALTHCARE IT

Israeli Co.	U.S. Co.	Project Title	Sector Info.
Mentaily Innovations Or Yehuda	Henry M. Jackson Foundation for the Advancement of Military Medicine Bethesda, MD	Advancing an automated assessment to improve post-traumatic stress diagnosis (AI PTSD)	Mental Health
Newton Tech Tel Aviv	Spaulding Rehabilitation Hospital Boston, MA	High-throughput gait and movement analysis for clinical evaluation	Rehabilitation

LIFE SCIENCES

Israeli Co.	U.S. Co.	Project Title	Sector Info.
An Israeli Company Rehovot	Resolution medical Minneapolis, MN	Specialized catheters for the treatment of deep vein thrombosis	Medical Devices
Tuned Gan Yoshiya	Novidan inc. Golden Valley, MN	AI audiologist coupled with high-performance, low-cost hearing Aids	Medical Devices/ Hearing Aids

BIRD ENERGY

BIRD Energy develops innovation through U.S.-Israel cooperation in a range of energy technologies that strengthen energy efficiency, reliability, affordability, and resilience across the energy system.

The program is the implementation of a cooperation agreement between the U.S. Department of Energy, the Israel Ministry of Energy and Infrastructure jointly with the Israel Innovation Authority and the BIRD Foundation.

BIRD Energy projects address energy challenges and opportunities of interest to both countries while focusing on commercializing energy technologies that improve economic competitiveness, create jobs and support innovative companies.

Projects must include one U.S. and one Israeli company, or a company paired with a research institution. The partners need to present a project that involves innovation and demonstrates significant commercial potential. Awarded projects receive conditional grants of up to \$1.5M per project.

BIRD Energy was launched in 2009 and follows the BIRD Foundation's rules and procedures.

BIRD ENERGY STATISTICS 2009-2025

Approved Projects	Signed Projects ⁽¹⁾	Funding from Governments	Grant Payments ⁽²⁾	Repayments ⁽³⁾
92	73	\$61.7M	\$41.8M	\$1.59M

1.Signed projects until December 31, 2025, not including projects approved in 2025

2.Payments to projects in development phase

3.Repayments from 10 projects

BIRD ENERGY EXECUTIVE COMMITTEE

Members of the BIRD Energy Executive Committee during 2025 include:

Mr. Josh Volz | Deputy Assistant Secretary for Europe, Eurasia, Africa, and the Middle East, Office of International Affairs, U.S. Department of Energy

Mr. Jared T. Bierbach | Senior International Relations Officer, Office of African and Middle Eastern Affairs Planning, Policy and Strategy Office of International Affairs, U.S. Department of Energy

Mr. Dror Bin | Chief Executive Officer, Israel Innovation Authority

Ms. Sharon Hatzor | Deputy Director General: Policy Planning and Strategy Division, Israel Ministry of Energy and Infrastructure

Dr. Alon Stopel | (representing the BIRD Board of Governors) Chief Scientist of Innovation, Israel Ministry of Innovation, Science and Technology

Supporting the Executive Committee

Ms. Leora Sidi | Program Coordinator, U.S. Department of Energy

Ms. Yifat Hadaya | Programs Manager, NA Desk, International Collaboration Division, Israel Innovation Authority

Mr. Gadi Hareli | Reviewer, Israel Innovation Authority

Dr. Yael Harman | Head of R&D, Chief Scientist Office , Israel Ministry of Energy and infrastructure

Mr. Shlomi Kofman | Vice President, International Collaborations Division, Israel Innovation Authority




Mr. John Michele | Director & Energy Attaché, U.S. Embassy, Tel Aviv

Dr. Tamir Reisin | Reviewer, Israel Ministry of Energy and infrastructure

Ms. Janet Shalom | Senior Officer for International Projects and Foreign Policy, Israel Ministry of Energy and infrastructure

Ms. Tami Warshavski | Senior Director, America & Europe, Israel Innovation Authority

APPROVED PROJECTS – BIRD ENERGY

Israeli Co.	U.S. Co.	Project Title	Sector Info.	
Capow Beer Sheva	Avridh Technologies (d.b.a Peer Robotics) New Haven, CT	Developing the first perpetually operating autonomous pallet jack	Energy Efficiency	
EVA Environmental Viable Solutions Haifa	Bayshore Recycling Corp. Atlantic Highlands, NJ	Developing a low-energy cement alternative from construction and waste material	Energy Efficiency	
IDE Water Technologies Kadima	Northwestern University Evanston, IL	Developing the reuse of municipal wastewater via integrated PFAS separation and concentration	Water Energy Nexus	



BIRD HLS (Homeland Security Technologies)

BIRD HLS promotes innovation in Homeland Security technologies through U.S.-Israel collaboration between the U.S. Department of Homeland Security, Science & Technology Directorate (DHS S&T), and the Israel Ministry of National Security (IMNS). Both DHS S&T and IMNS aim to foster the development of advanced technologies for first responders, focusing on challenges of mutual interest to both countries while emphasizing the commercialization of the supported technologies.

Projects must include one U.S. and one Israeli company, or a company and a research institution. Selected projects receive awards of up to \$1M per project.

In recent years, the main program's topics included technologies and methods to secure critical infrastructure and public facilities, safe and secure cities, border protection (including maritime security), unmanned aerial systems technologies, and any other advanced technology that can help first responders in best fulfilling their duties.

This program is managed by the BIRD Foundation and project funding is shared by DHS S&T, IMNS, and by private industry matching, using the standard BIRD model, rules and procedures.

The program is based on agreements between the BIRD Foundation and DHS S&T, and between BIRD and IMNS.

BIRD HLS STATISTICS 2016-2025

Approved Projects	Signed Projects ⁽¹⁾	Funding from Governments	Grant Payments ⁽²⁾
18	14	\$11.91M	\$9.50 M

1. Signed projects until December 31, 2024
2. Payments to projects in development phase



BIRD CYBER

In March 2022, the U.S. Department of Homeland Security (DHS) and the Israel National Cyber Directorate (INCD) issued a Joint Statement of Intent to “expand cooperative research and development, both bilaterally and by building on the framework of the Israel-U.S. Binational Industrial Research and Development (BIRD)” and to focus “on cybersecurity and emerging technologies”.

The BIRD Cyber program is the implementation of this statement and the result of agreements between BIRD and the U.S. Department of Homeland Security (DHS), Science and Technology Directorate (S&T), and between BIRD and the Israel National Cyber Directorate (INCD).

Submitted projects must include one U.S. and one Israeli company, or a company and a research institution. Selected projects are awarded with up to \$1.5M per project.

As technological progress continually introduces new cybersecurity needs, the U.S. Department of Homeland Security (DHS S&T), Israel’s National Cyber Directorate (INCD), and the BIRD Foundation published in September 2024 the 2024-5 BIRD Cyber Call for Proposals to reduce exposure to cyber threats facing critical infrastructure sectors.

The Call for Proposals included the following topics, as agreed between DHS S&T and INCD:

- Cyber Protection for Legacy Medical Devices
- BGP Hijacking Remediation
- Online Face Image Self-Enrollment Compatible with International Standards
- Threat Hunting on Encrypted Traffic
- Human-Machine (AI) Tools for Cybersecurity

The BIRD Cyber Executive Committee convened in May 2025 and recommended that the BIRD Board of Governors approve the selection of the following projects:

Israeli Co.	U.S. Co.	Project Title	Sector
BGPProtect Ra'anana	Team Cymru Lake Mary, FL	BGP Hijack Protection Service	Cybersecurity/BGP Hijacking Protection
Sasa Software Kibbutz Sasa	Bavelle Technology Solutions East Hanover, NJ	Imaging Gateway - Protecting Hospitals' Imaging Assets	Cybersecurity/Cyber Protection for Legacy Medical Devices

The BIRD Board of Governors approved the selected projects in its meeting on May 15, 2025. BIRD Cyber is managed by the BIRD Foundation and follows the BIRD Foundation’s rules and procedures.

BIRD CYBER STATISTICS 2022-2025

Approved Projects	Signed Projects ⁽¹⁾	Funding from Governments	Grant Payments ⁽²⁾
6	4	\$5.01M	\$1.99M

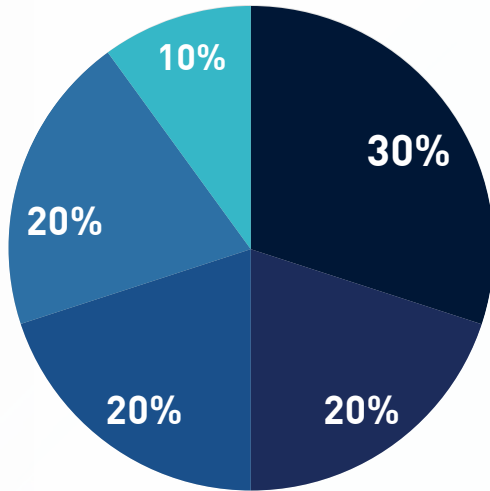
1. Signed projects until December 31, 2025

2. Payments to projects in development phase



APPROVED PROJECTS 2025

STATISTICS - 2025



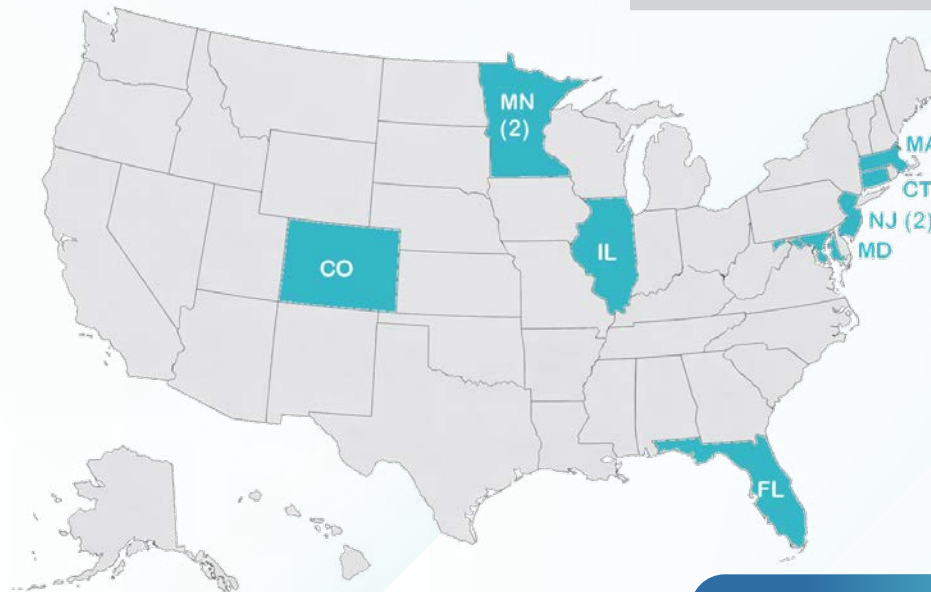
5 BIRD General Program projects
 3 BIRD Energy projects
 2 BIRD Cyber projects

APPROVED PROJECTS PER SECTOR

Sector	Total
Energy, Water, Environment	3
Healthcare IT	2
Life Sciences/ Medical Devices	2
HLS & Cyber Security	2
Communications	1
Total	10

APPROVED PROJECTS PER STATE

State	Total
Colorado (CO)	1
Connecticut (CT)	1
Florida (FL)	1
Illinois (IL)	1
Massachusetts (MA)	1
Maryland (MD)	1
Minnesota (MN)	2
New Jersey (NJ)	2
Total	10



U.S.-ISRAEL ENERGY CENTER

The U.S.-Israel Energy Center, formally known as the U.S.-Israel Center of Excellence in Energy, Engineering and Water Technology, was authorized by the U.S. Congress in the U.S.-Israel Strategic Partnership Act of 2014 and funded in the amount of \$4 M per year. In 2016, the Israeli Government approved equivalent funding to expand the U.S.-Israel Cooperation .

The Israel Ministry of Energy and Infrastructure (MOE), the Israel Innovation Authority (IIA) and the U.S. Department of Energy (DOE) approached the BIRD Foundation to manage and operate the program. BIRD's Board of Governors approved BIRD's role in September 2018.

In June 2018, the DOE and the MOE signed an Implementation Agreement of the U.S.-Israel Energy Center. The goal of the Energy Center is to promote energy security and economic development through the research and development of innovative energy technologies by facilitating cooperation between consortia comprised of U.S. and Israeli companies, universities, and research institutions in four Topic Areas: (1) Energy Storage; (2) Cyber Security for Energy Infrastructure; (3) Energy-Water Nexus; (4) Fossil Energy. At the Energy Center Executive Committee Meeting, which was held in Washington D.C., on March 4, 2020, three consortia were selected for Topics (1), (3) and (4) and were awarded \$27.6 M in grants (\$55.2 M total value, including cost-sharing). These three consortia started their activities in August and September of 2020.

Additional information regarding the latest consortia activity is available at <https://us-il-energycenter.org/>

A second Call for Proposals under Topic (3), Cybersecurity for Energy Infrastructure, was issued in July 2020 as a three-year program with a budget of up to \$12 million and included a performance-based option for an additional two years, subject to approval, with an anticipated budget of up to \$6.4 million. On March 16, 2021, the Energy Center Executive Committee selected the Cyber Consortium, which commenced activities in November 2021. In August 2025, the consortium was approved for a two-year extension.

The Storage and Fossil consortia have completed their five-year lifecycle. Their reports are currently under review, and they are preparing final presentations to stakeholders to be delivered at the next Energy Center Executive Committee meeting.

The Energy-Water Consortium requested and received a one-year no-cost extension to further advance its outcomes toward commercialization.

Additional information regarding the latest consortia activity is available at <https://us-isr-energycenter.org/>



Energy Center Executive Committee

U.S. Members

Mr. Joshua Volz

Deputy Assistant Secretary for Europe, Eurasia, Africa, and the Middle East
Office of International Affairs, U.S. Department of Energy

Mr. Jared T. Bierbach

Senior International Relations Officer
Office of African and Middle Eastern Affairs, Office of International Affairs
U.S. Department of Energy

Israeli Members

Mr. Dror Bin

Chief Executive Officer, Israel Innovation Authority

Ms. Sharon Hatzor

Deputy Director General: Policy Planning and Strategy Division
Israel Ministry of Energy and Infrastructure

Joining the Executive Committee Meeting

Ms. Shiyana Gunasekara | Acting Director, Office of African and Middle Eastern Affairs, Office of International Affairs, U.S. Department of Energy

Mr. James Jewel | Deputy Director of Middle East and Africa, U.S. Department of Energy

Ms. Yifat Hadaya | Programs Manager, NA Desk International Collaboration Division, Israel Innovation Authority

Dr. Yael Harman | Head of R&D, Chief Scientist Office, Israel Ministry of Energy and Infrastructure

Dr. Einat Magal | Deputy Chief Scientist, Ministry of Innovation, Science & Technology

Mr. John P. Michele | U.S. Department of Energy Attaché, U.S. Embassy Jerusalem

Ms. Janet Shalom | Head of Policy and Planning, Ministry of Energy and Infrastructure

Ms. Leora Sidi | Program Coordinator, U.S. Embassy Jerusalem

Ms. Tami Warshavski | Senior Director, America & Europe, Israel Innovation Authority

Energy Center Management and Operations

The Energy Center is managed and operated by the BIRD Foundation and its staff, with the support of the following:

Mr. Jaron Lotan | Executive Director, BIRD

Ms. Rotem Palash | Chief Financial Officer, BIRD

Ms. Tal Fischelovitch | Director of Partnerships

Mr. Uri Attir | Coordinator Energy-Water Nexus

Dr. Ory Dor | Coordinator Fossil Energy

Mr. Eynan Lichterman | Coordinator Energy Cyber

Dr. Zvi Tamari | Coordinator Energy Storage

ENERGY CENTER STATISTICS 2018-2025

No of Approved Consortia	Funding from Governments ⁽¹⁾	Total Grants Approved ⁽²⁾	Grant Payments ⁽³⁾
4	\$60M	\$34.8M	\$26.3M

(1) Total received from both governments in the years 2018-2025

(2) Total grants approved for the four programs

(3) Until December 31, 2025

SUCCESS STORIES



Universal Indoor/Outdoor Navigation Kit for Autonomous Mobile Robots

In a collaborative effort, Israel-based **Apeiro Motion Ltd.** and U.S.-based **Hellbender Inc.** were awarded a BIRD grant to develop an innovative navigation system for autonomous mobile robots. This project addresses the challenge of robots losing their “vision” when moving between bright outdoor sunlight and dark indoor warehouses.

The outcome of the project is the **Ultra Low Light (ULX) Sensor Fusion Navigation Kit**, a modular solution designed for quick integration into various robotic platforms. Using high-performance sensors and 3D cameras, the kit allows robots to navigate and map their surroundings in lighting conditions ranging from full sun to near-total darkness.

The technology has already garnered interest from over 50 companies and is being used by early adopters for humanoid warehouse robots and outdoor autonomy solutions.

Approved: BIRD June 2022



AI-Powered Multi-Omics to Solve Rare Disease Cases

In a collaborative effort, **Genevix Genomex Ltd.** of Israel and U.S.-based **Ocean Genomics Inc.** were awarded a BIRD grant for their project aimed at improving the diagnosis of rare genetic diseases. By combining DNA and RNA analysis, the project targets the “undiagnosed odyssey” many patients face when standard tests fail to find a cause for their condition.

The outcome of the project is the integration of Ocean Genomics’ **TxomeAI®** platform into the Genevix Analysis software. This combined system allows clinicians to identify pathogenic “dark variants” - genetic mutations that are often invisible to traditional DNA sequencing but are revealed through their functional impact on a patient’s RNA.

Notably, the platform was validated using data from the **100,000 Genomes Project**, where it successfully identified disease-causing variants that had previously gone undetected. The solution is now being adopted by medical centers and biopharmaceutical companies to provide faster, more accurate diagnoses and to accelerate the development of personalized treatments.

As of late 2025, Ocean Genomics rebranded and now operates under the name **Ellumigen**.

Approved: BIRD June 2022



BIRD SELECTION OF EVENTS



U.S.-Israel Smart Cities and Transportation Roundtable
March 27, 2025



Advancing U.S.-Israel Innovation: BIRD Funding Opportunities
April 10, 2025



BIRD and BIRD HLS programs Presented at the Israel National Fire & Rescue Authority
July 22, 2025



Tech for Tomorrow – Transforming Senior Care & Aging with IS Innovation
April 1, 2025



Funding Opportunities for U.S.- Israel Quantum and Optoelectronics Collaborations
April 23, 2025



BIRD Foundation Funding Lunch and Learn – with BIRD Grantees at the Innovation Space, DE
August 14, 2025



BIRD Energy Webinar – EnergyCom & Ignite the Spark
April 6, 2025



The Innovate Summit - BIRD represented at Innovate 2025
May 21, 2025



Kick-off Meeting for BIRD Grantees (IS and Online)
October 28, 2025



Building Partnerships: Insights & Lessons from BIRD Collaborations
April 8, 2025



UP Ventures: Highlighting Funding through BIRD and BIRD Energy
June 12, 2025



New Jersey Welcomes Women's Health Innovation from Israel
December 9 2025

REPRESENTATION IN THE U.S.

BIRD REPRESENTATIVES

Boston, MA
New England-Israel
Business Council

Mr. Dan Trajman
📞 508-308-5420
@dant@birdf.com

Cleveland/Akron, OH
Ohio-Israel Chamber of
Commerce

Mr. Howard A. Gudell
📞 216-589-0693
@howardg@birdf.com

Denver, CO
Colorado-Israel
Chamber of Commerce
(CO-IL)

Mr. Jeremiah Baronberg
📞 202-236-2677
@jeremiahb@birdf.com

Philadelphia, PA
America-Israel Chamber
of Commerce- Central
Atlantic Region

Ms. Vered Nohi
📞 215-515-9544
@veredn@birdf.com

Providence, RI
Rhode Island - Israel
Collaborative (RIIC)

Mr. Avi Nevel
📞 401-626-4425
@avin@birdf.com

Vienna, VA
Virginia Israel Advisory
Board (VIAB)

Mr. Dov Hoch
📞 804-698-1943
@dovh@birdf.com

ECONOMIC MISSIONS WORKING WITH BIRD

Houston, TX

Ms. Orna Abraham
📞 713-599-0290
@ornaa@birdf.com

New York, NY

Ms. Anat Katz
📞 212-499-5610
@anatk@birdf.com

San Francisco, CA

Mr. Omer Fein
📞 415-986-2701
@omerf@birdf.com

Washington, DC

Mr. Yoav Saidel
📞 202-364-5498
@yoavs@birdf.com

BIRD STAFF



Jaron Lotan
Executive Director

972-3-6988302
jaron@birdf.com



Rotem Palash
Chief Financial Officer

972-3-6988305
rotem@birdf.com



Limor Nakar-Vincent
Deputy Executive Director of Business
Development & BIRD Energy

972-3-6988315
limorn@birdf.com



Tal Kelem
Director of Business Development
BIRD HLS and BIRD Cyber Lead

972-3-6988304
tal@birdf.com



Auriane Tabib
Financial Manager

972-3-6988308
auriane@birdf.com



Maha Wakileh
Information Systems Manager

972-3-6988303
maha@birdf.com



Omer Carmel
Director of Business Development

972-3-6988306
omer@birdf.com



Tal Nahari
Office Manager

972-3-6988307
taln@birdf.com



Nina Hakimi
Executive Assistant

972-3-6988301
nina@birdf.com



Tal Fischelovitch
Director of Partnerships
U.S.- Israel Energy Center

talf@birdf.com



Andrea Yonah
Director - East Coast and Midwest, U.S.

609-356-0305
andreay@birdf.com



Anat Bujanover
Director - West Coast, U.S.

646-402-2917
anatb@birdf.com



Anat Ben Yosef
Director - South, U.S.

323-203-5847
by.anat@birdf.com

BIRD
Israel-U.S.

Binational Industrial Research
and Development Foundation



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x.com/BIRDFoundation1

Park Atidim, Building 4, P.O.Box 58054, Tel-Aviv 6158001 Israel
Phone: 972-3-6988300

51 E. Campbell Avenue Campbell, CA 95008, USA