

ISRAEL'S LEADING INDUSTRIES

The Driving Sectors in Israel's Economy



לשכת המסחר והתעשייה ישראל-איטליה
CAMERA DI COMMERCIO E INDUSTRIA ISRAEL-ITALIA

Overview

Israeli economy continues its growth that has been characterizing a positive trend in the past ten years. The main sectors which have been driving this growth are: High Tech, Cybersecurity, Information & Communication Technology and Research & Development.

The strength of the country's economy has been Human capital and Technological Innovation, which has become the main focal point for local and foreign investments in the country.

The substantial growth of the High-Tech sector has caught international attention and interest. Exports of the Technology sectors have reached over 45% of the total exports of the Israeli economy. The Research & Development sector in Israel has been so successful that has brought many International Tech companies to invest in Israel, creating one of the most prominent hubs for Technological development. Therefore, Israel obtained the world record for most registered patents per capita. The strength of Israel has been to attract foreign investors to buy or sponsor startups but at the same time keep the workforce in the country.

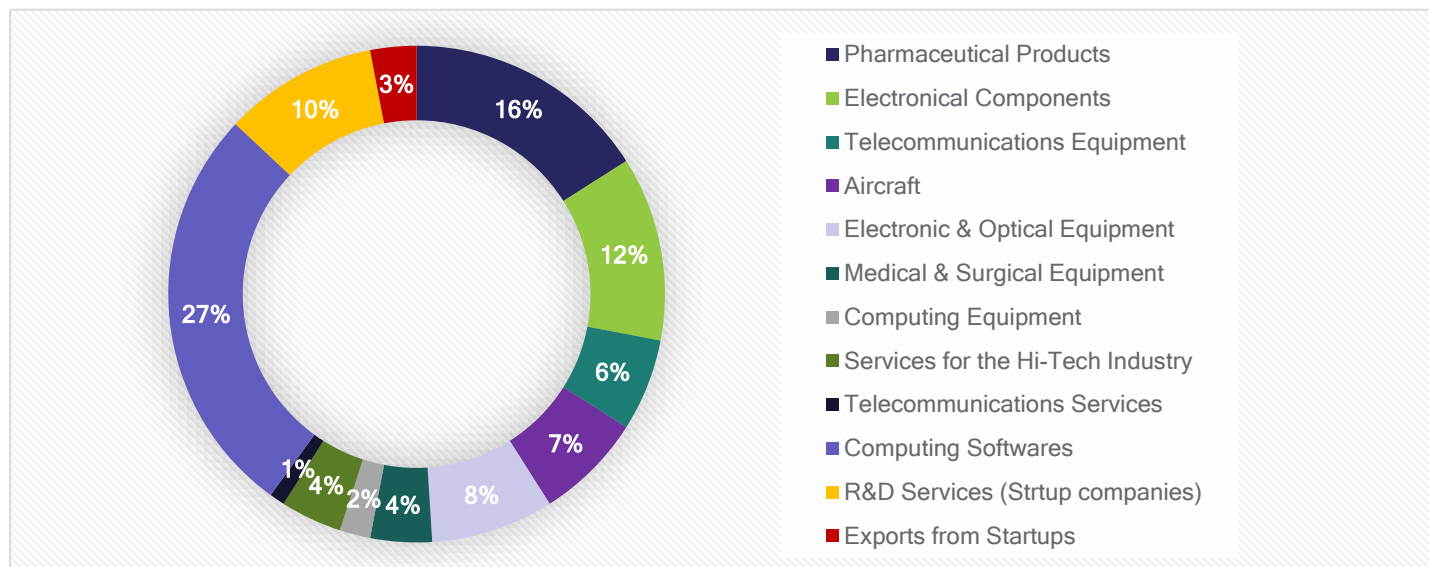


Israel is the world's spiritual hub for innovation and a powerhouse for revolutionary R&D.

Israeli thinkers, makers and doers are changing the world of Media & Internet, Cyber Security, Water Technology, AgroTech, Health & Life Sciences, Financial Technology, Automotive, High-Tech & Smart Manufacturing.

Technology Division

The leading sectors in High Tech in Israel are responsible for 45% of the total Israeli exports amounting to 45\$ billions in 2017.



Cybertech & Homeland Security Industry

Israel is the world-leading provider in HLS technology. The Geopolitical situation in Israel, has brought the country to invest high capitals in Cybersecurity and Homeland Security Industry, which have caused the sector to be one of the most advanced in the world. There are over 300 companies offering automated systems in border control, biometrics scans, IED and UAV jamming systems, video surveillance and intelligence gathering. The continuous need of countering terror and managing emergencies created a unique ecosystem where it's possible to test new technologies to counter real threats.

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Less Friction. Less Fraud.

Agro Technology Industry

The industry's growth arose from the cooperation between academic, farmers and agriculture-related industries that have shown close collaboration in developing innovative systems to overcome the need to tackle Israel's local scarcities of water and arable land. The Agro Technology Industry is a fostering market-oriented agribusiness that exports its agrotechnology solutions worldwide. The result is cutting edge technology, methods, products and systems that help a country where more than half of its surface is desert.

Israel's manufactures and exports a variety of specialized agricultural equipment, including: mobile celery packaging plants, machinery for digging silage and mixing feed, poultry equipment (automatic egg collectors, climate control systems, weigh scales, etc.), air-blast sprayers, flower bulb transplanters and fruit & vegetable packing machinery.

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Foodtech Industry

In recent years the global Foodtech industry and the Israeli Foodtech in particular, have been growing and expanding at a fast pace, just like the need for new technologies. The industry around the world is starting to realize the massive growth of the world's population the demand for food consumption is inevitably increasing by 70% worldwide. So it is natural that it is necessary to create new technologies and alternatives for the production and growth of food.

In Israel there has been tremendous growth in this field in recent years. New young and ambitious startups have started to emerge and the big companies have started to look for new ways to expand and reach the market; from the development of new types of foods (Hargol Foodtech), to the creation of healthier foods. The Israeli Foodtech industry is comprised of 4 main players: Start Ups, investors, large corporations, universities and research centers.

DouxMatok

Better Juice

MYBIOTICS

HEYLO™

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MS FOOD SAFETY

unispectral

**powered by
VARCODE™**

INSPECTO
Know your food

vertico

nobio™
bioprotection for life

TIPA®
Sustainable Packaging



scio™
by Consumer Physics

valiber

Tapingo

goji

Cleantech Industry & Clean Water Technology

The Cleantech Industry in Israel focuses mainly on three different sectors: Renewable Energy, Energy Efficiency and Materials and Environment. Today the country boasts more than 200 industries in renewable energy solutions and about the same number in clean water solutions. The country's exports in water and energy technologies are approaching the 1\$ billion annually and are forecasted to rise as the country continues to invest heavily in the industry. The Clean Water Technology Industry aims to overcome the scarcity of fresh drinking water, and has taken up the ambitious challenge to solve the problem world-wide. Furthermore there have been big investments in Water Technology, especially the desalinization process to render water usable for agriculture.

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Information Technology Industry

When it comes to software, companies around the globe over look to Israel for technological leadership. Israel alone could well shape the future of the global software industry. Increasing by over 400% in a decade, Israel's software exports reached \$6.2 billion in 2009 from \$1.5 billion in 1998. The industry continuously rising helps to power everything from PC motherboards chips to cell phones, and is deployed in business, consumer and technical applications around the world.

Israel has been a magnet for multinational companies R&D departments which maintain offices and facilities in Israel. Among the many: Alcatel-Lucent, Google, Sun, Samsung, Fuji, Intel, Microsoft, Oracle, Motorola, PayPal, Cisco, HP, Apple and many more.

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Multinational Companies in Israel






Smart Transportation Industry

Israel's automotive industries are coming up with new technologies and systems to improve performance, efficiency, safety and air quality in a world with congested roads and polluted air. While Israel does not produce vehicles on large scale, around 150 Israeli companies manufacture and supply systems, parts, modules and tools to the original manufacturers and the aftermarket. Israeli companies have successfully integrated military tech for civilian use and have made Israel a notable destination for the international automotive industry. The Israeli Government has also had a big role in the sector, by giving support and incentives to companies in the business.

There is cooperation and discussion with the purchase consultants of Original equipment manufacturers based in Israel to find suitable companies for their purpose in the Israeli market. Some of these partnerships and companies include: VW, Toyota, Ford, Volvo, Renault, etc. A perfect example can be observed with the sponsorship of Intel in MobilEye.

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Automotive

Big Multinationals, in the past years, have shown a growing interest in opening R&D centers of in Israel, followed by major investments by the Israeli government in the sector. The Automotive sector, highly linked with the Smart Transportation Industry and further development of HLS technologies applied to civilian use, has shown significant progress in transportation management systems, computer vision, control of sound systems, gestures' recognition, cyber security, location-based services and various technologies that make driving experience smarter, faster, safer and more energy efficient. Among the multinationals operating in Israel looking for subcontractors and potential new companies to develop further the automotive sector in Israel there are Ford, Toyota, VW, Volvo, General Motors, Daimler, Renault and many others.

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Multinational Companies in Israel



Life Science Industry

As a recognized leader of creative developments in the world of high tech, Israel has become a leading provider of innovative solutions in the Life Science arena. Scientists and engineers have integrated advanced technologies in Electronics, Communications and Electro-optics to develop world-class innovations in digital imaging, medical lasers, telemedicine, diagnostic, surgical equipment and teaching equipment. There are many Multinationals that operate Israeli subsidiaries or manage various Israeli R&D centers, among them: IBM, Yahoo, Google, eBay, Ciscos, Motorola, Oracle, Philips, Roche, Johnson & Johnson, Pfizer, Serono, and many others.

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Israel is ranked **1st** for Medical Device patents

Israel is ranked **2nd** for Medical Device solutions

Fintech

Israel has one of the most developed Fintech markets in the world. In recent years, international financial institutions have entered the Israeli market to identify and cooperate with fintech companies at a local level. Today there are about 250 companies operating in Israel in the field of Fintech, which include: payment technologies, loans, capital management and savings, money transfers and virtual currencies.

Leading Companies

