

# Amnon Zohar

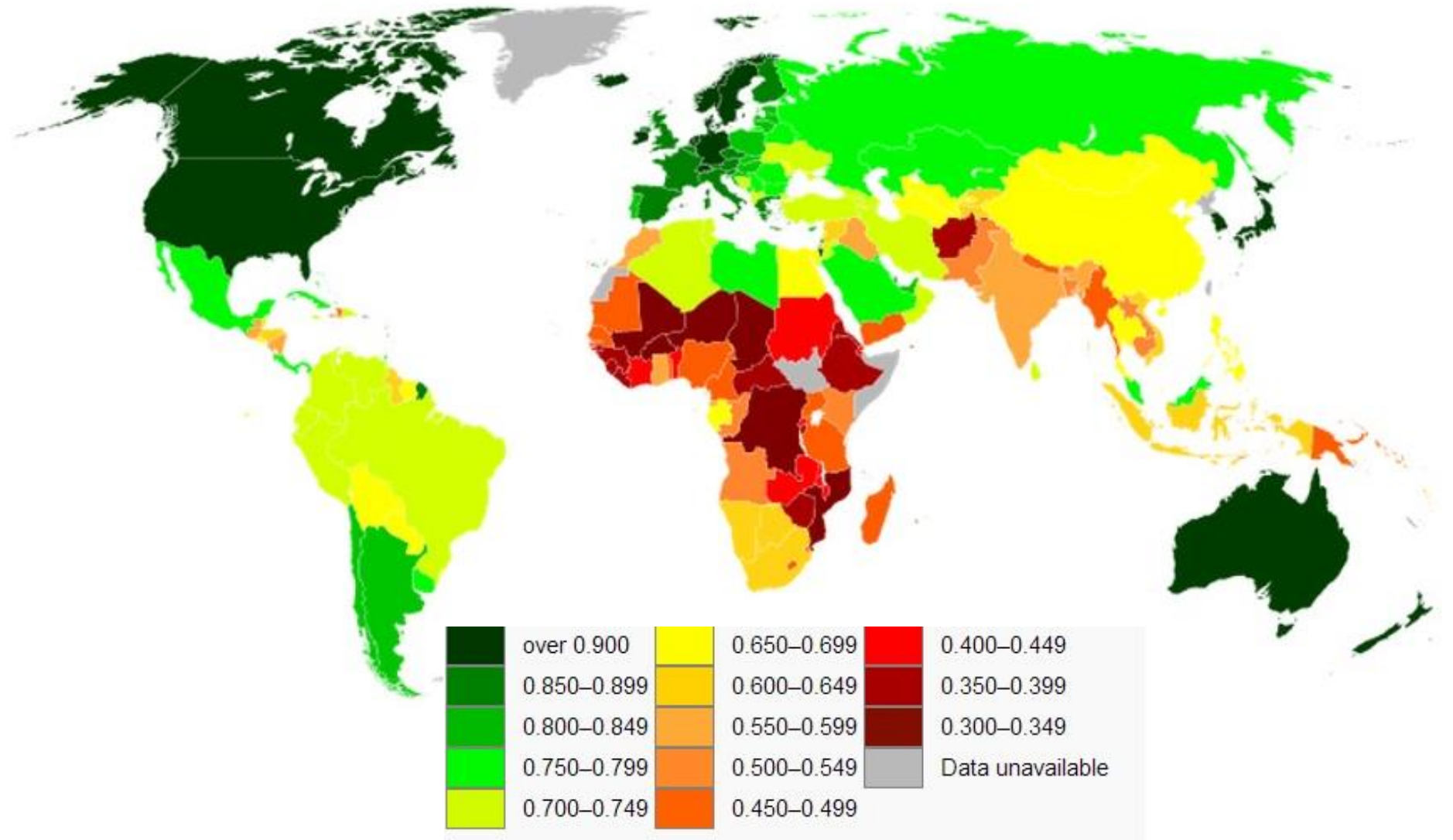
- ❖ Corporate Executive
- ❖ Serial Entrepreneur
- ❖ Business Advisor
- ❖ Student Tel-Aviv University
- ❖ Student York University
- ❖ Football Fanatic
- ❖ Best Sabba in The World



## **The winds of social and political change in Israel and the Middle East Lecture Series**

- **The fragile nature of Israel's social fabric**
- **The potency of Social Media in the Boycott, Divestiture and Sanctions ("BDS") war against Israel.**
- **Israel the Start-up nation – Why and how Israel has become a hot-bed for technological innovation and a power house in technology applications.**
- **Cracking the Israeli Code**
- **What season best describes the so called "Arab Spring"**
- **Why is Israel the favorite "punching bag" of political "scientists" in Academia?**
- **Jewish Identity in Israel and the Diaspora**

# HDI (2013)





# INTERNATIONAL HUMAN DEVELOPMENT INDICATORS



## Israel

### Country Profile: Human Development Indicators

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Human Development Index	81.9	Ranking 16
Health		Life expectancy at birth (years) 81.9
Education	11.9	Mean years of schooling (of adults) (years) 11.9
Income	\$26.2	GNI per capita (constant LCU) (constant 2005 international \$) (Constant 2005 international \$) 26,224
Inequality		Inequality-adjusted HDI value 0.790
Poverty		MPI: Multidimensional poverty index (%) n.a.
Gender		GII: Gender Inequality Index, value 0.144
Sustainability		Carbon dioxide emissions per capita (tonnes) 5.2
Demography		Population, total both sexes (thousands) 7,694.7
Composite indices	172.5	Non-income HDI value 0.942
Innovation and technology		Mobile telephone subscribers per 100 people (per100 people) 172.5
Trade, economy and income		Income index 0.822
Footnotes		



Israel

Country Profile: Human Development Indicators

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Human Development Index	Ranking	16
Health	Life expectancy at birth (years)	81.9
Education	Mean years of schooling (of adults) (years)	11.9
Income	GNI per capita in PPP terms (constant 2005 international \$) (Constant 2005 international \$)	25,224
Inequality	Inequality-adjusted HDI value	0.790
Poverty	MPI: Multidimensional poverty index (%)	n.a.
Gender	GII: Gender Inequality Index, value	0.144
Sustainability	Carbon dioxide emissions per capita (tonnes)	5.2
Demography	Population, total both sexes (thousands)	7,694.7
Composite indices	Non-income HDI value	0.942
Innovation and technology	Fixed and mobile telephone subscribers per 100 people (per100 people)	172.5
Trade, economy and income	Income index	0.822
Footnotes		



16

Canada

Country Profile: Human Development Indicators

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Human Development Index	Ranking	11
Health	Life expectancy at birth (years)	81.1
Education	Mean years of schooling (of adults) (years)	12.3
Income	GNI per capita in PPP terms (constant 2005 international \$) (Constant 2005 international \$)	35,369
Inequality	Inequality-adjusted HDI value	0.832
Poverty	MPI: Multidimensional poverty index (%)	n.a.
Gender	GII: Gender Inequality Index, value	0.119
Sustainability	Carbon dioxide emissions per capita (tonnes)	16.3
Demography	Population, total both sexes (thousands)	34,674.7
Composite indices	Non-income HDI value	0.934
Innovation and technology	Fixed and mobile telephone subscribers per 100 people (per100 people)	120.3
Trade, economy and income	Income index	0.866



Detailed map

11

United States

Country Profile: Human Development Indicators

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Human Development Index	Ranking	3
Health	Life expectancy at birth (years)	78.7
Education	Mean years of schooling (of adults) (years)	13.3
Income	GNI per capita in PPP terms (constant 2005 international \$) (Constant 2005 international \$)	43,480
Inequality	Inequality-adjusted HDI value	0.821
Poverty	MPI: Multidimensional poverty index (%)	n.a.
Gender	GII: Gender Inequality Index, value	0.256
Sustainability	Carbon dioxide emissions per capita (tonnes)	18.0
Demography	Population, total both sexes (thousands)	315,791.3
Composite indices	Non-income HDI value	0.958
Innovation and technology	Fixed and mobile telephone subscribers per 100 people (per100 people)	139.0
Trade, economy and income	Income index	0.897
Footnotes		



Detailed map

Capital Washington, D.C.

Human Development Index: Trends 1980 - present

3

Saudi Arabia

National Human Development Reports for Saudi Arabia

Country Profile: Human Development Indicators

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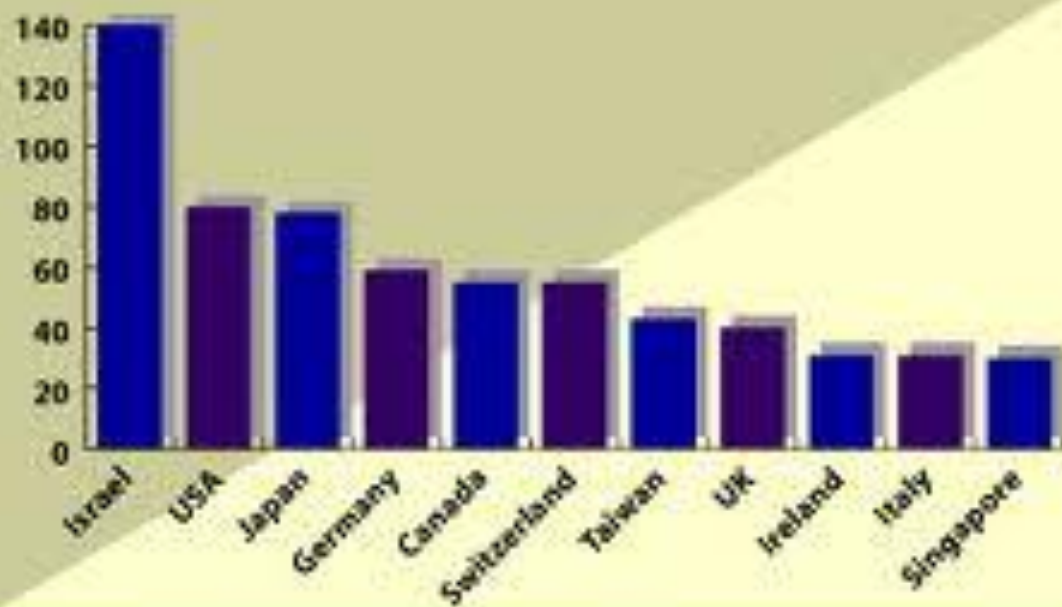
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Human Development Index	Ranking	57
Health	Life expectancy at birth (years)	74.1
Education	Mean years of schooling (of adults) (years)	7.8
Income	GNI per capita in PPP terms (constant 2005 international \$) (Constant 2005 international \$)	22,616
Inequality	Inequality-adjusted HDI value	n.a.
Poverty	MPI: Multidimensional poverty index (%)	n.a.
Gender	GII: Gender Inequality Index, value	0.682
Sustainability	Carbon dioxide emissions per capita (tonnes)	16.6
Demography	Population, total both sexes (thousands)	28,705.1
Composite indices	Non-income HDI value	0.774
Innovation and technology	Fixed and mobile telephone subscribers per 100 people (per100 people)	203.0
Trade, economy and income	Income index	0.800



57

## Scientists & Technicians per 10.000 Workers

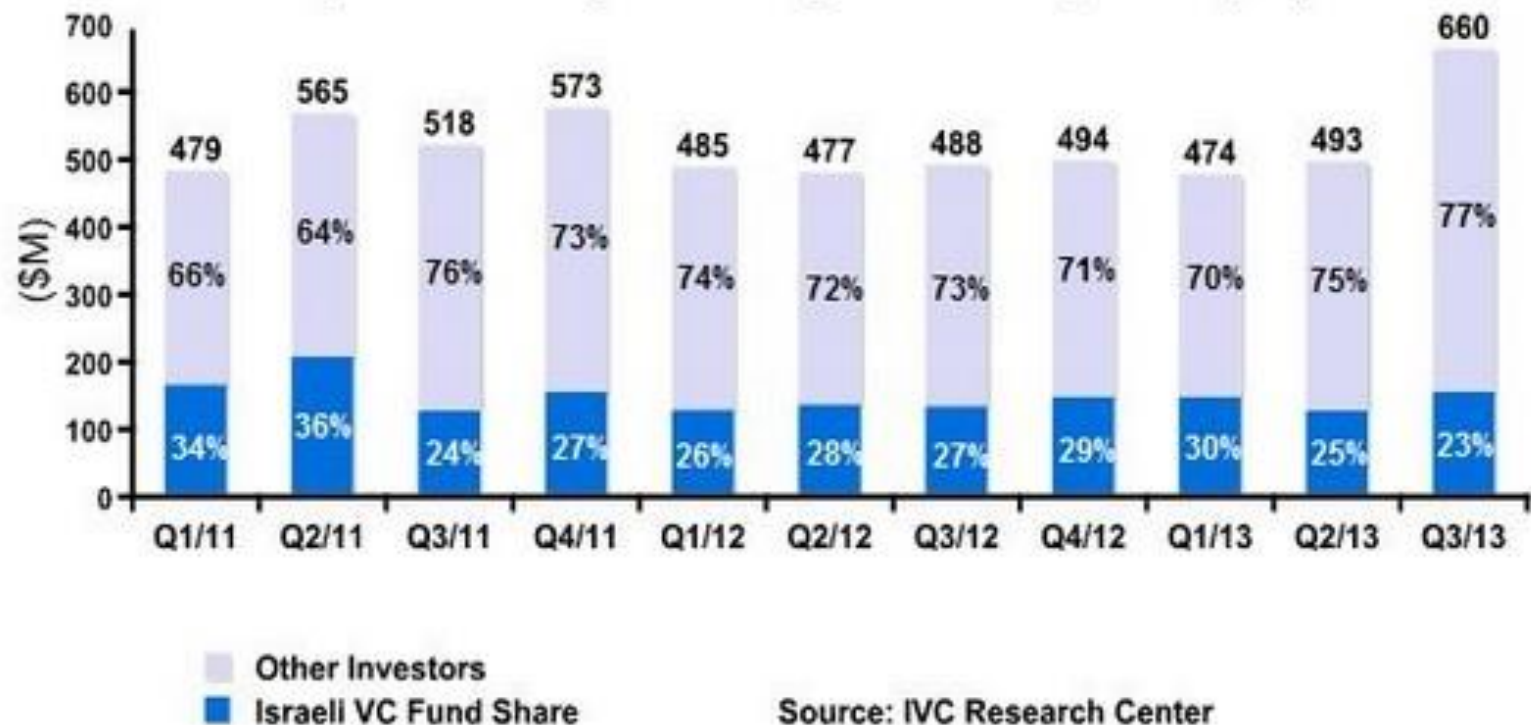


Source: Israel's Ministry of Industry and Trade, Investment Promotion Center

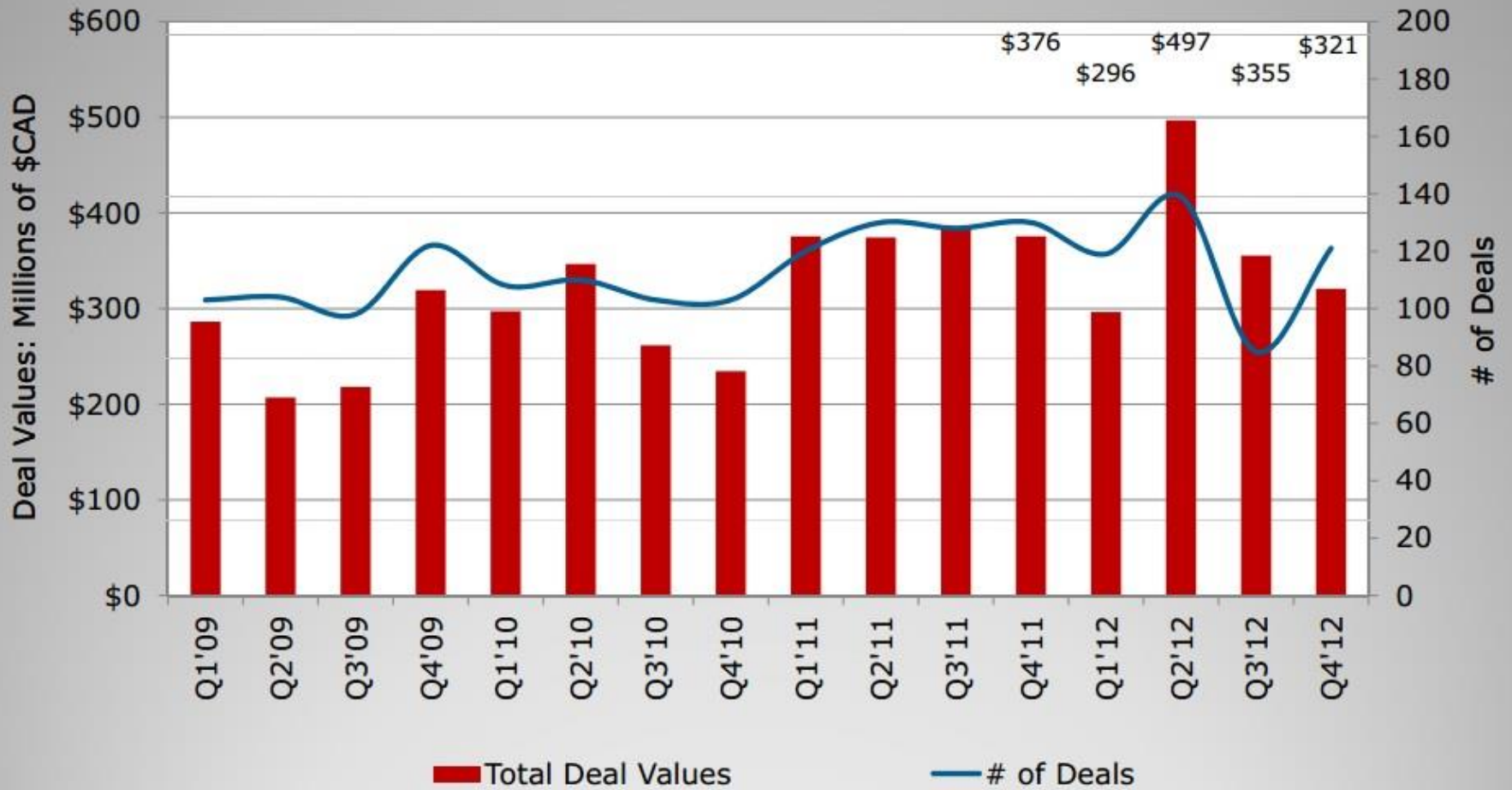
## Summary of Israeli High-Tech Capital Raising - Q3/2013

» Israeli high-tech companies raised \$660 million in Q3/2013, highest since 2000

### Capital Raised by Israeli High-Tech Companies (\$M)







**Canadian VC Invested Totals \$1.5 Billion in 2012**



66



52



6

***The PwC Israel 2012  
Hi-Tech Exit Report***  
\$5.5B Israeli hi-tech exits in 2012





# Tel-Aviv 2nd only to Silicon Valley







Middle East



**Military Superiority –  
Self-Sufficiency**





**Lack of Natural Resources**



***“Israelis understand not only the financial and environmental costs of being dependent on oil but also the security costs of pumping money into the coffers of less-that-savory regimes”.*** Mr. Aggasi Founder of Better Place





## **Immigration - Absorption**





**PHILCO 2000**



**1962**



# Talpiot





## ↳ Expenditure on R&D

Gross domestic expenditure on R&D

As a percentage of GDP



Statlink  <http://dx.doi.org/10.1787/888932505849>



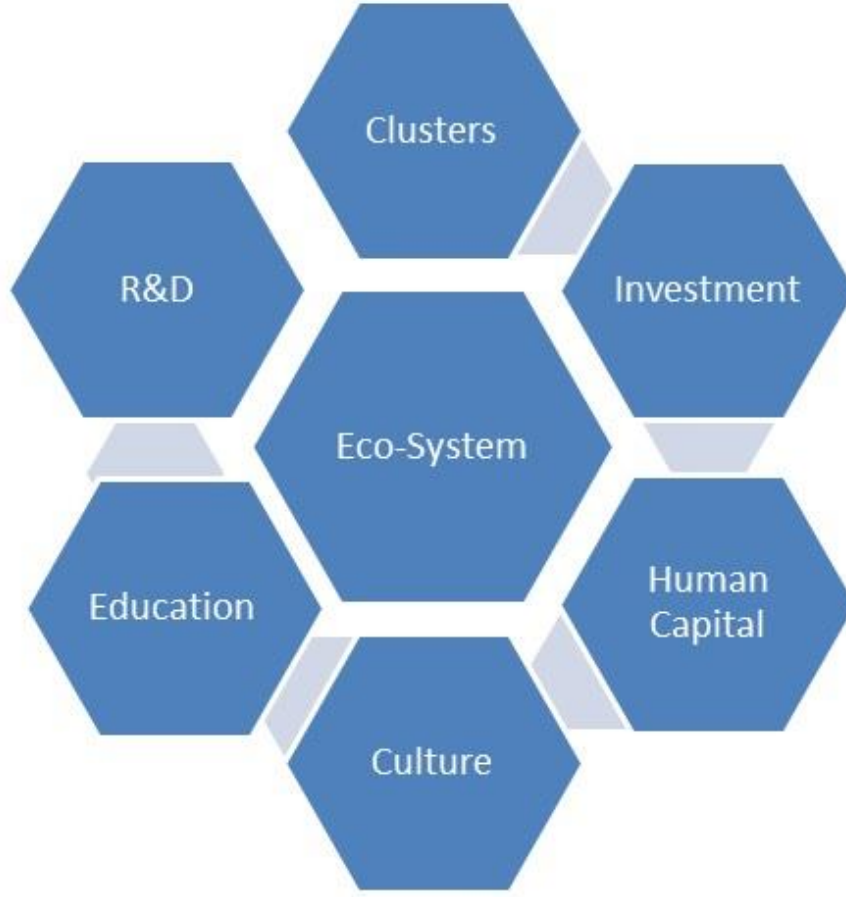


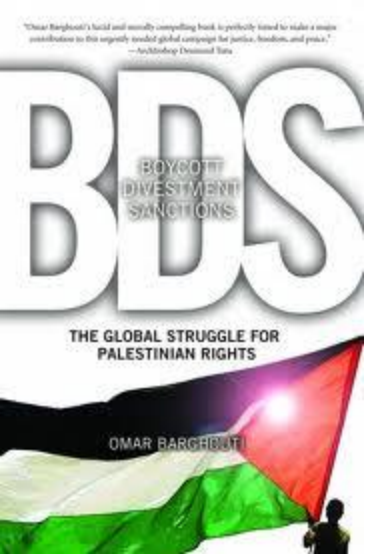
**HIGH  
SPEED  
INTERNET**



# Hi-Tech Eco-system

Hi-Tech Eco-system





**ISRAEL**





# What is the secret?

Yosi Vardi, one of Israel's first high-tech entrepreneurs :

*“The two real fathers of Israeli hi-tech are the Arab boycott and Charles de Gaulle, because they forced on us the need to go and develop an industry.”*

George Bernard Shaw:

*“If you have an apple and I have an apple and we exchange apples, then you and I will still have one apple. But if you have an idea and I have an idea and we exchanged these ideas, then each of us will have two ideas”*

Nobel Prize winner Robert Solow:

*“technological innovation is the ultimate source of productivity and growth”*

**“necessity is the mother of all inventions” ...linkage between the state's existential needs and priorities, its fostering of innovation and entrepreneurship to address them, and its ability to leverage them through export, exchange and co-operation with other nations” Start-Up Nation**

