



***R&D and Innovation as a Growth
Engine –
The Israeli Model and the Role of the OCS***

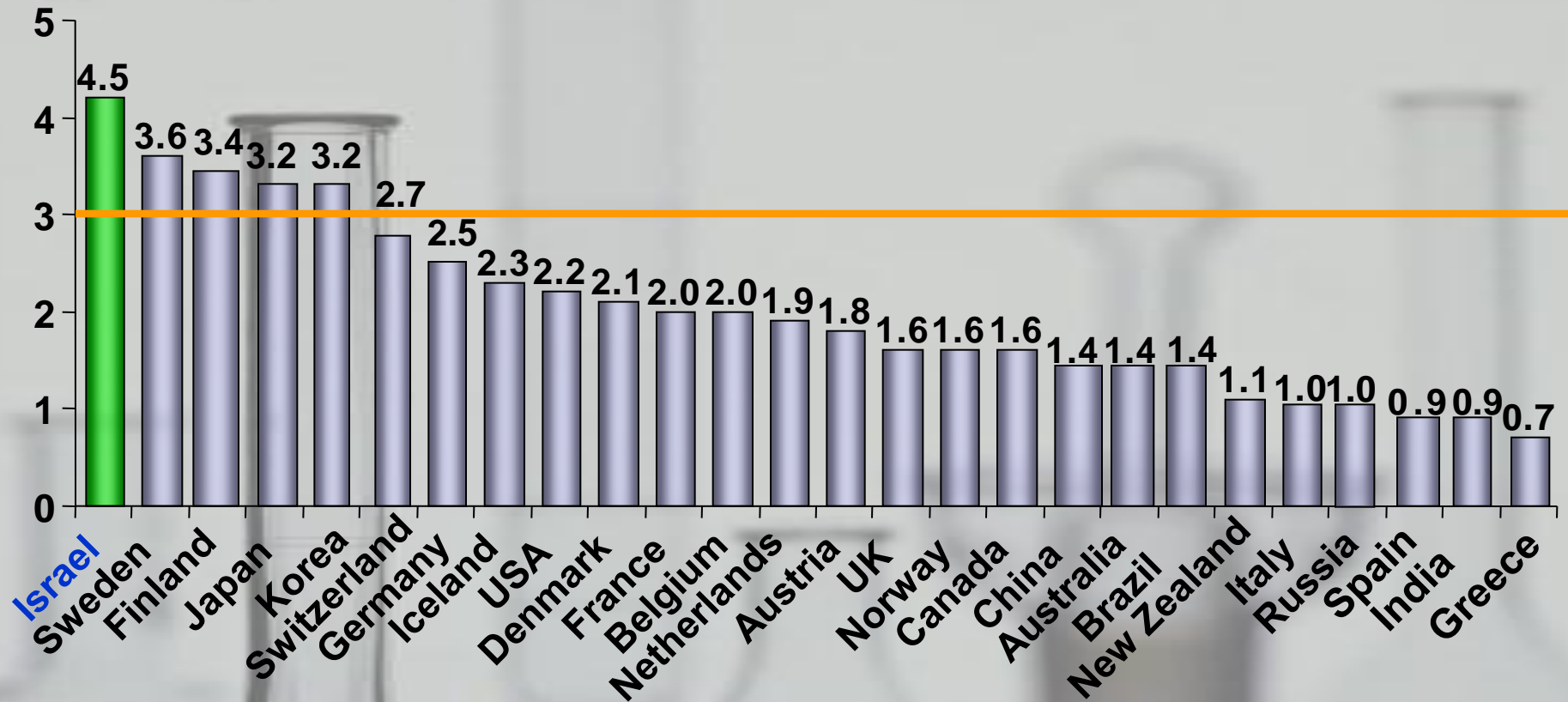
***Business Incubator
High School of Economics
Moscow, July 22, 2011***

***Eduard Shteinbuk
Head of Trade & Economic Mission
Embassy of Israel in Russia***

Some Facts About Our World

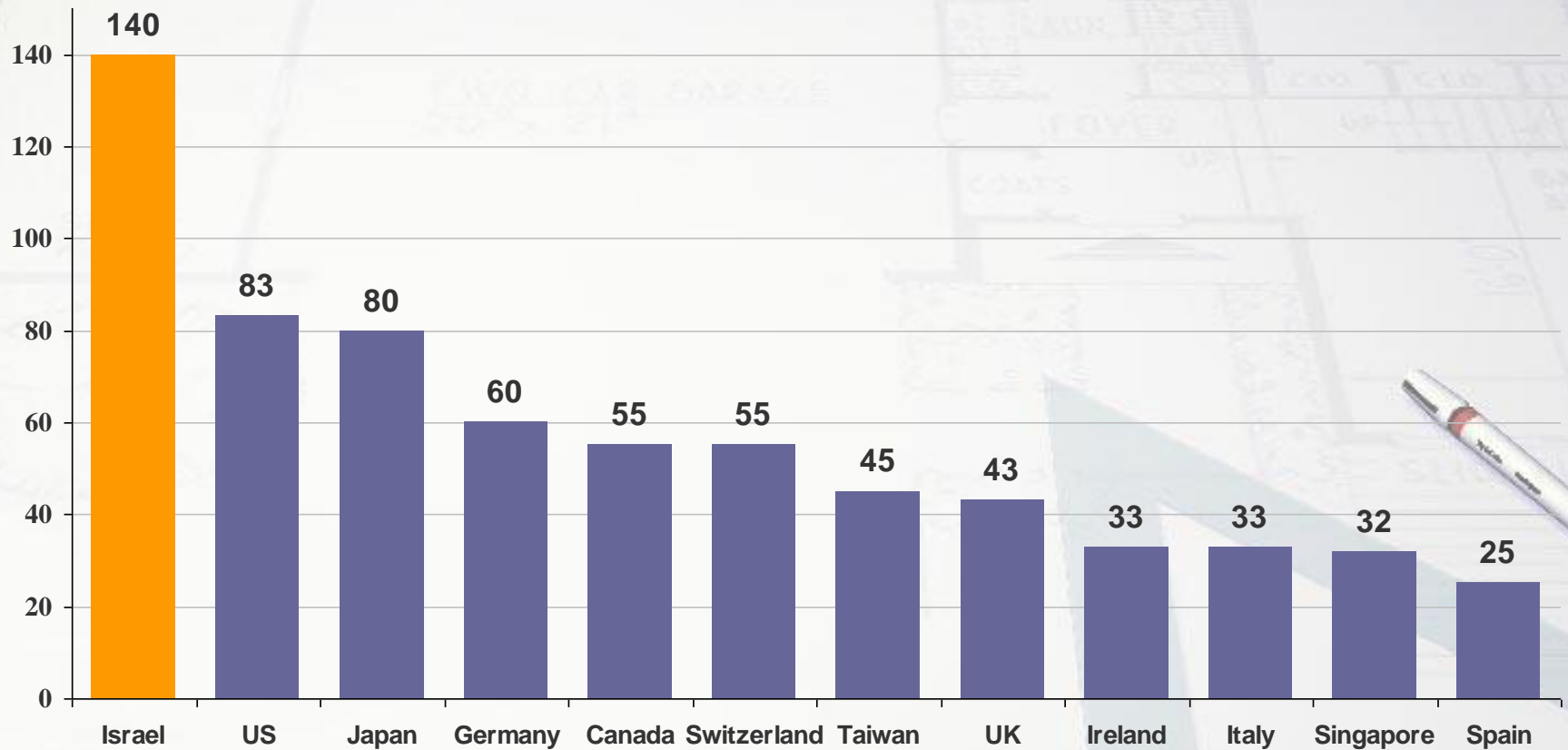
- 
- ✧ Forecast for 2050: 9.4 billion people
 - ✧ 900 million people are hungry
 - ✧ 33 million people are infected with HIV
 - ✧ 1.1 billion people do not have access to clean water
 - ✧ 5.1 billion people do not have access to internet
 - ✧ 2.75 billion are not using cell phones
 - ✧ Barrel of oil \$40 → \$147 → \$100

Expenditure on Civilian R&D as a percent of the GDP in Israel and in OECD Countries 2010



Source: OECD and Israel CBS

Scientists & Technicians per 10,000 Workers



Patents (2010)



- Israel ranked #1 in Medical Device patents per capita
- Israel ranked #5 in number of patents per capita

Source: The United States Patent and Trademark Office (June 2010)



Activities of the OCS

Activities in Israel

Support of
Research Institutes

Support of
Traditional Industry

Technological
Incubators

R&D Centers
in Universities

Magnet
Magnetron, Nofar

R&D Fund

Tnufa

Seed Fund

Chief
Scientist

International Activities

Matimop

Bi-National Funds

Bi-National
Agreements

Eureka

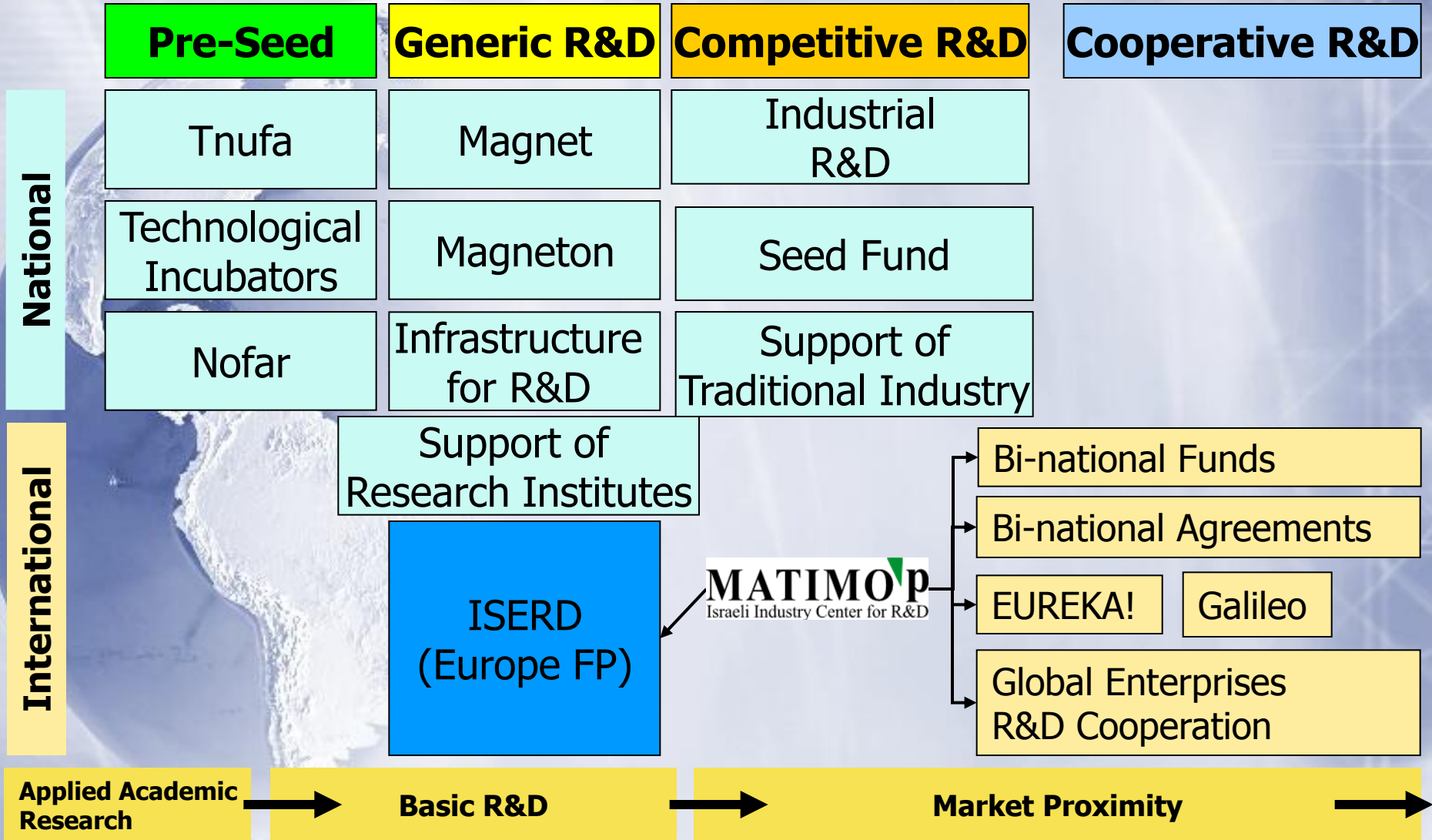
EU R&D Program
FP-7

Global Enterprise R&D
Cooperation Framework

US-Israel Science &
Technology Commission

Evaluating

OCS Instruments Along The Value Chain



Strategy:

Quality of Service to the Customer

International Activities

BUDGET

Preferred Sectors

Academia ↔ Industry



Global Network for Transfer of Knowledge



International Cooperation

Foundations:



BIRDF-with U.S.A.

USISTC/F



SIIRD-with Singapore



CIIRDF - with Canada



KORIL-RDF - With S. Korea



BRITECH—with the UK



International Cooperation

Bi-National Support Agreements:

- 
-  France
 -  Belgium
 -  China
 -  Finland
 -  Germany
 -  Holland
 -  Uruguay
 -  Argentina
 -  Greece
 -  Italy
 -  India
 -  Taiwan
 -  Portugal
 -  Hungary
 -  Sweden
 -  Turkey
 -  Brazil
 -  Denmark
 -  Maryland,
 -  Victoria,
 -  Ontario

Future Cooperation in R&D Israel and Russia

Options:

- Bi-National Fund
- Bi-National Support Agreement:
 - Agency (such as MATIMOP) to Agency (such as RUSNANO and Skolkovo) or
 - Government to Government
- Within Multilateral platforms such as Eureka



gettyimages

OCS 2010
Some
Figures

No. Of Applications:
~2000 Projects

Requested Budget:
~6.7 Billion NIS

Total Grants:
~1.75 Billion NIS



Excellence is a Key Success Factor

