



Ministry of Science & Technology

The Ministry- Function and Performance

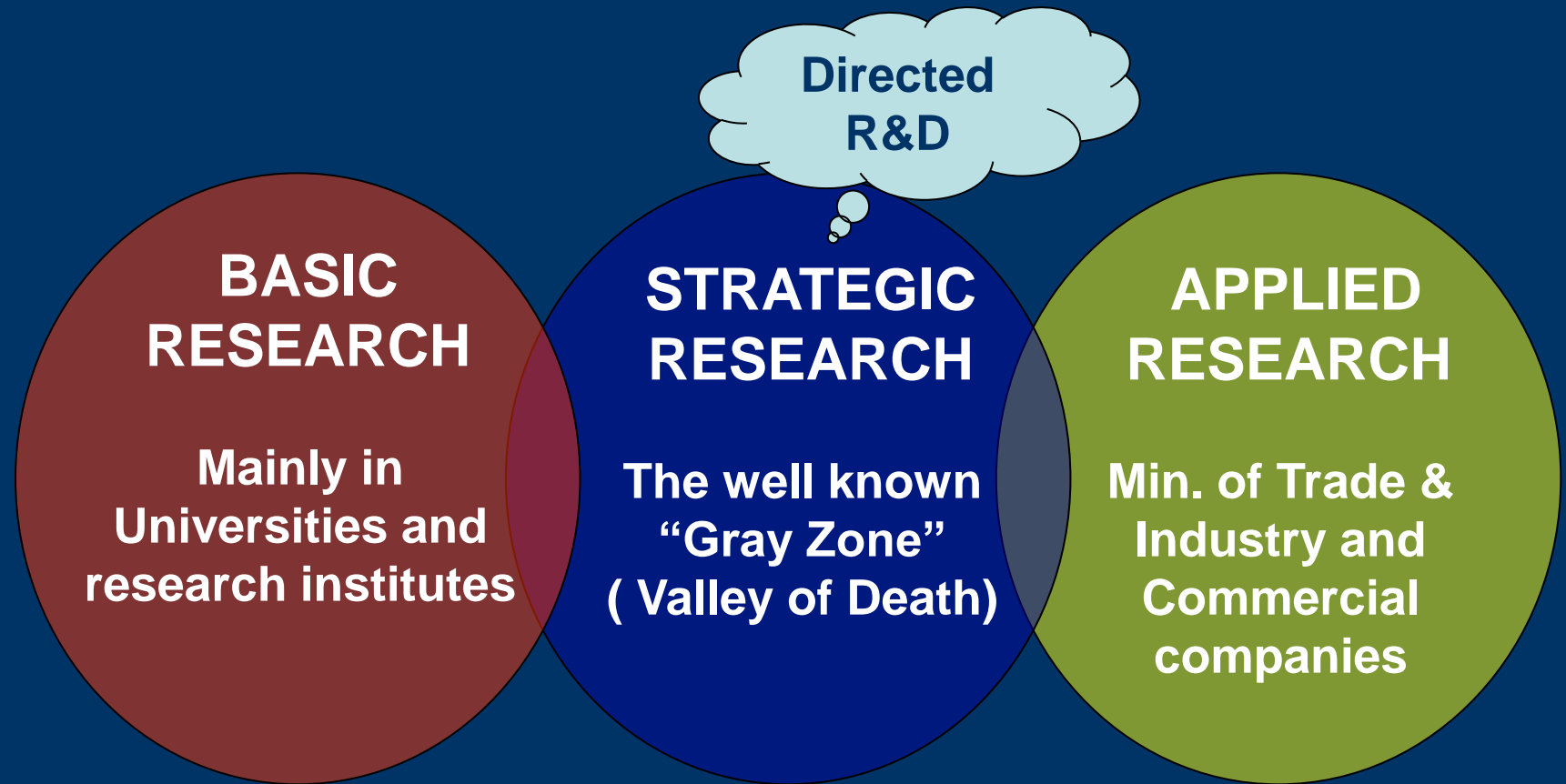


**Daniel Weihs, Distinguished Professor
Chief Scientist**

Israel As a Scientific Leader

- ❑ Scientific Publications – Israel is one of the two world leaders in scientific publications per capita – 1% of the scientific worldwide publications, 2% in mathematics
- ❑ Scientific Citations – Israel is the 3rd worldwide in citations per capita.
- ❑ Scientists Per Capita – 0.5% of the overall population. Israel is first with 133 scientists per 10,000 employees
- ❑ Investment In Science – Israel invests more than 4% of the Gross National Product (#1), more than Finland and Sweden (3.3%)
- ❑ 5 Israeli Nobel Prize winners in the last decade

Research in Israel – “Mind The Gap”



“Strategic Research - the Connecting Link”



Ministry of Science & Technology

Main Functions:

- Directed research
- Scientific infrastructure, including fellowships
- Coordination of scientific research in other government ministries
- Awareness of science in the general public
- Scientific centers in peripheral areas
- Israel Space Agency

Chief Scientists Forum

- ❑ MOST is head and organizer of the Chief Scientists Forum
- ❑ This forum is responsible for executing the Governmental direction of R&D in Israel
- ❑ It includes:
 - ❑ Defining national priorities
 - ❑ Review and coordination
 - ❑ Shared infrastructures
- ❑ Meets bi-monthly and activates various sub-committees

The MOST Infrastructure Program

- ❑ At least 2 research groups, 2M NIS funding over 3 years , per research
- ❑ Support activities in the highest national priority areas
- ❑ A complementary graduate student fund program

- ❑ Present Priorities:
 - ❑ Marine sciences
 - ❑ Advanced Computer Science
 - ❑ Neuroscience

- ❑ Ongoing Priorities
 - ❑ Nanotechnologies
 - ❑ Drop-in Fuels
 - ❑ Tissue Banks

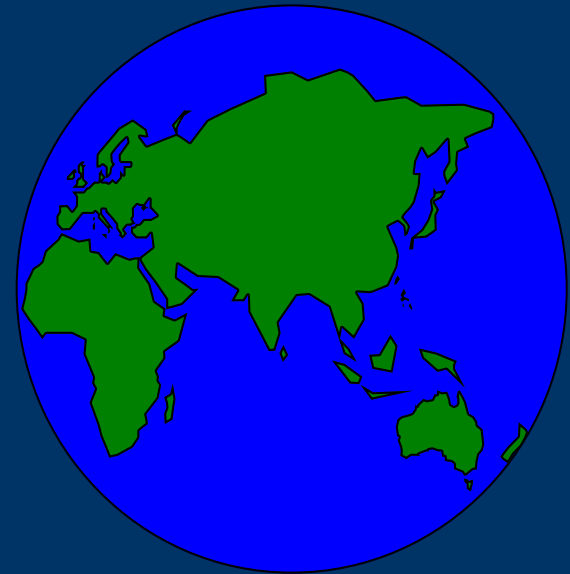
International Scientific Relations

Cooperative research programs.

Membership in international organizations.

Bi-national & international cooperative conferences.

Researcher exchanges.



Bi-National Research Programs 2010

 France	 Germany (BMBF+GIF)
 South Korea	 Croatia
 China	 India
 Ukraine	 Slovenia
 Taiwan	 Russia
 USA	 Japan
 UK	 Canada



The Regional R&D Center Program

Principles:

- To the Region
- For the Region
- About the Region

Highlights:

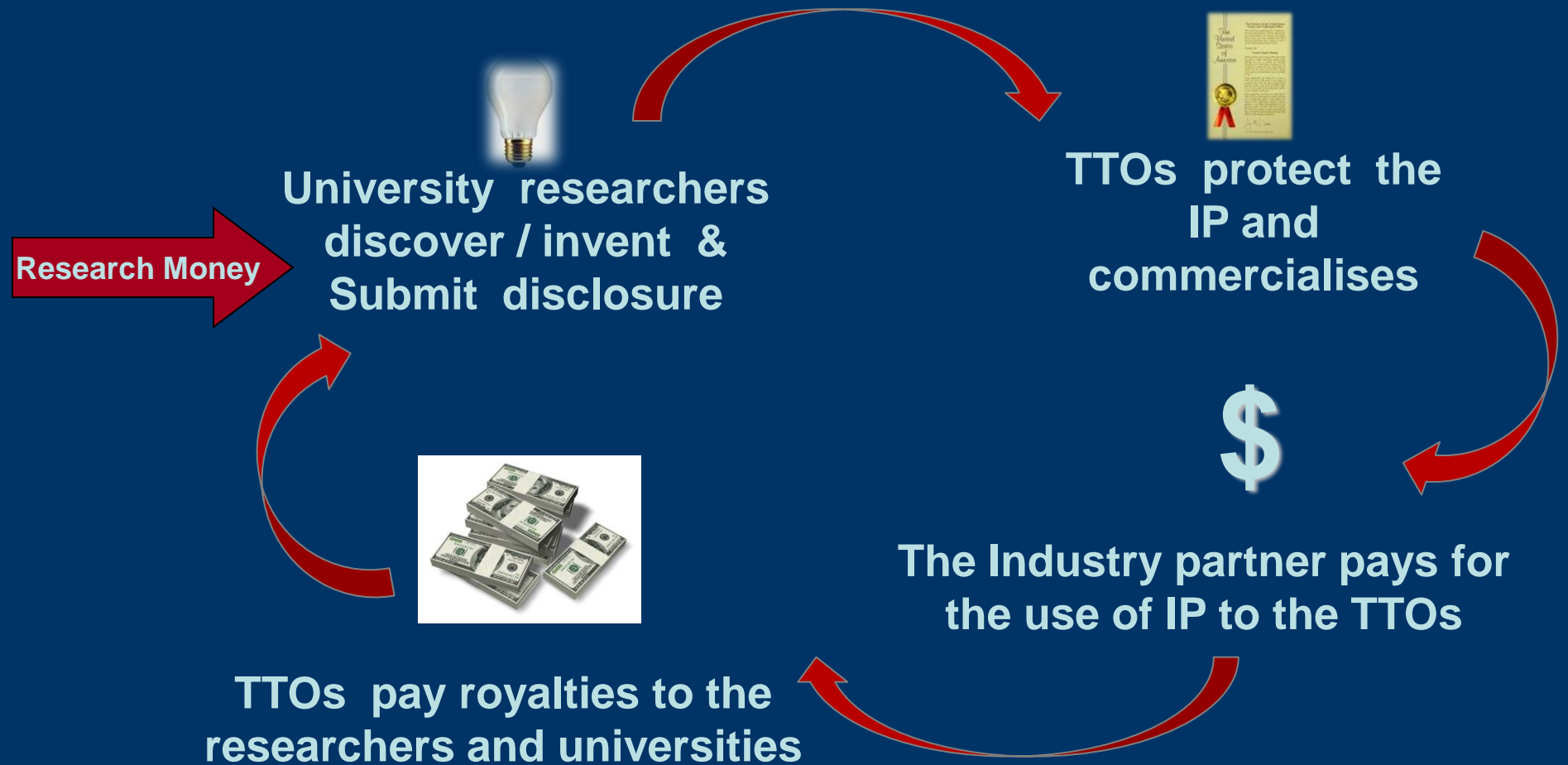
- ❑ Brings “Science” to the region
- ❑ Region specific studies
- ❑ Led to >200 employees in various scientific positions in the regions



ISA – Israel Space Agency



The Technology Transfer Process





Ministry of Science & Technology

Thank you
see you in Israel,

