



TÜBİTAK

“Promoting Excellence at National Level”

ERC 2009 TURKEY CONFERENCE

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TÜBİTAK**

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Excellence vs. Improving the Quality

“Excellence”

sounds good as a word, but in research landscape

specifying **“Excellence”** is not very easy.

It may vary from case to case.

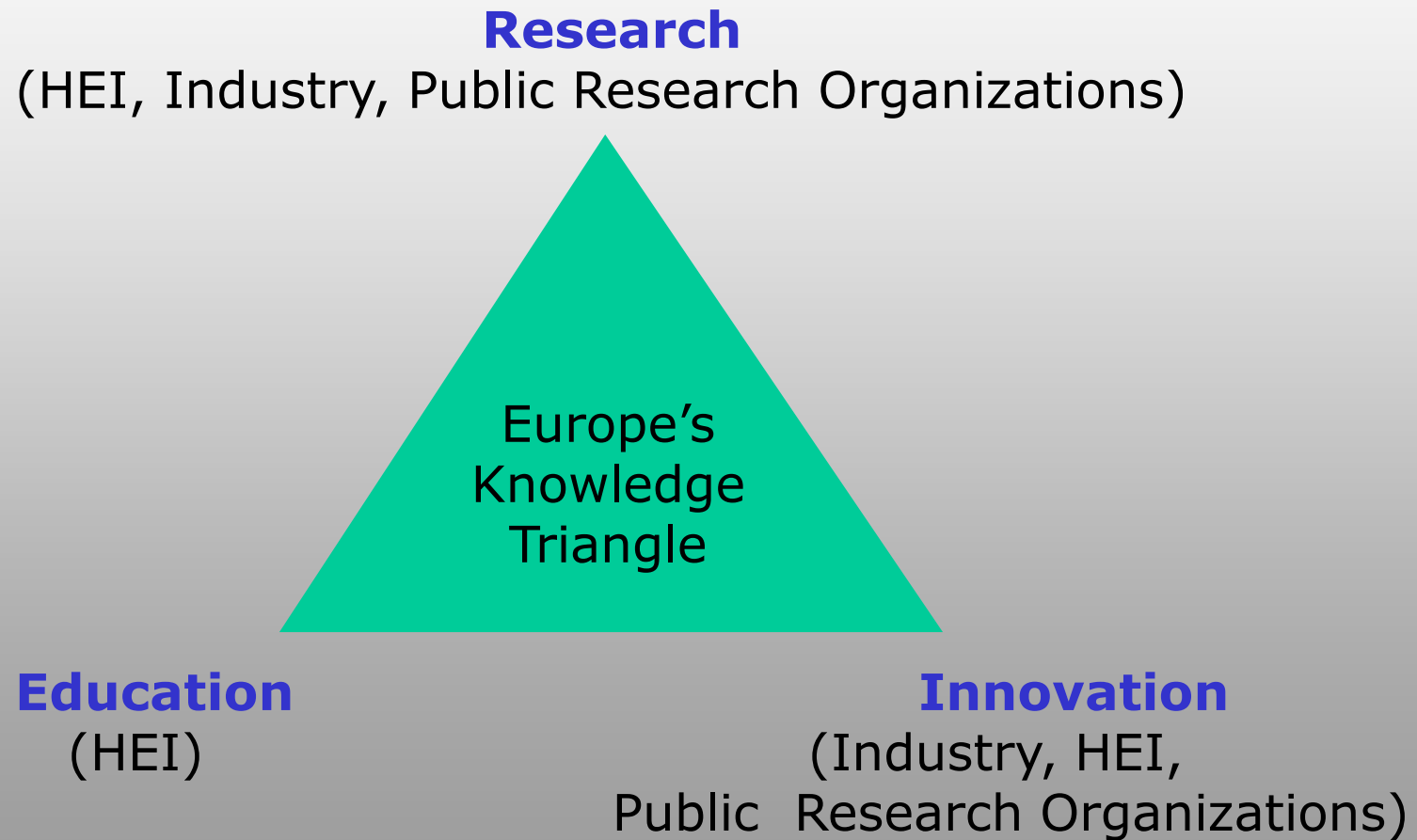
“Promoting the Quality”

is more descriptive, since it lets us to have a relative outlook with the past and current situation.

According to The New Lisbon Strategy:

In terms of economic growth, **R&D** is one of the “two most effective targets” along with **employment**.

Europe's Knowledge Triangle



TURKEY

Science and Technology Strategy

Goal 1:

Increasing the share of R&D expenditures in GDP to reach 2%

Goal 2:

Increasing the quantity and the quality of HRST to reach the target of 150 000 FTE R&D Personnel

by 2013

R&D indicators and statistics about **Turkey** have already been explained by TUBITAK President Prof. Nuket YETIS.

In this presentation the role of TUBITAK's funds in attaining these goals will be explained.

TÜBİTAK

Established: 1963

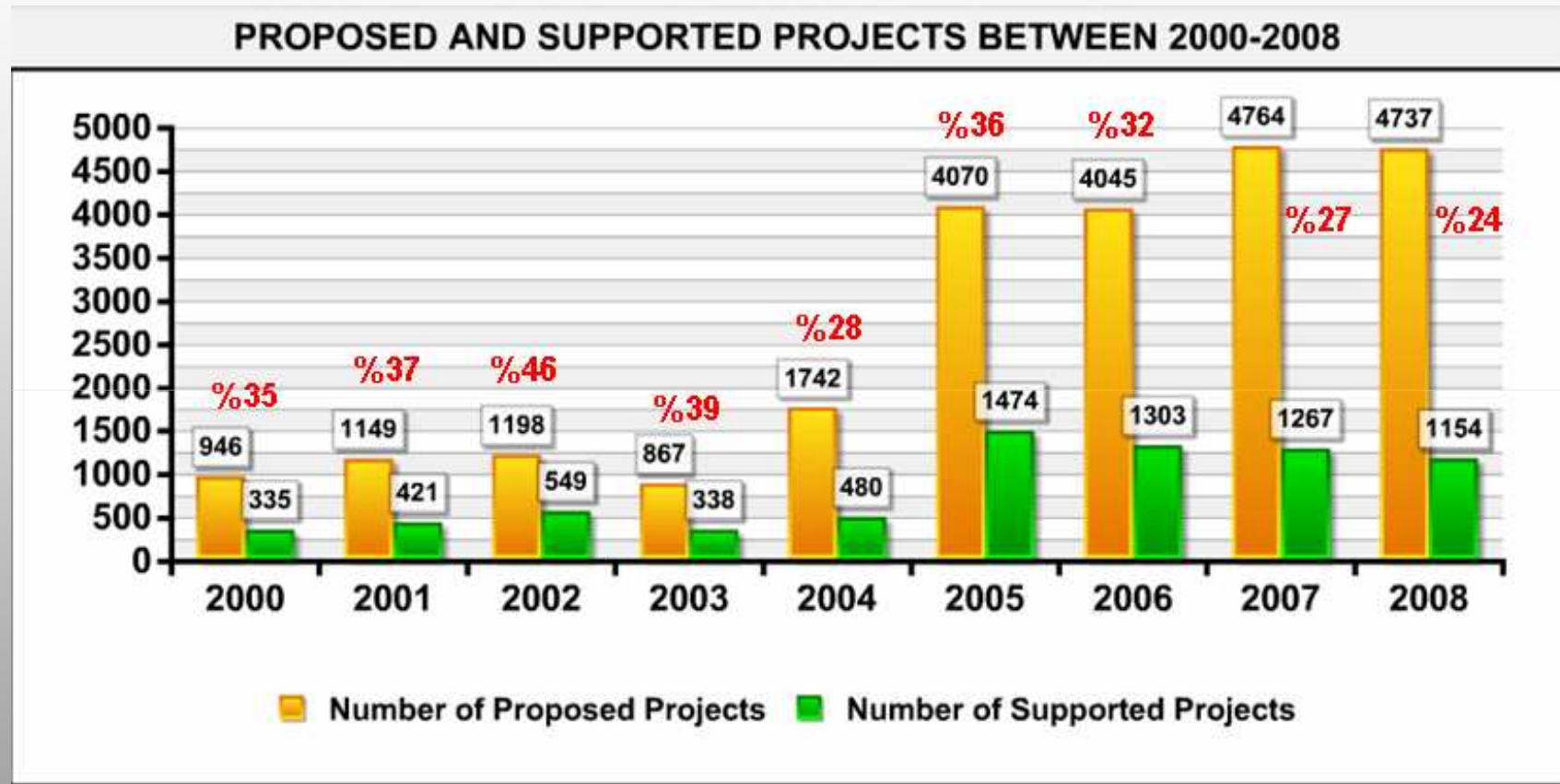
Main Functions

- **Determining the ST and Innovation policy of Turkey**
- **Doing Research**
 - **Institutes (MAM, GEPI, SAGE, UME, UEKAE,**)
- **Providing Grants, Fellowships and R&D Fundings**
 - **Academic R&D Supports (**Research**)**
 - **ACADEMIC RESEARCH FUNDING PROGRAMMES DIRECTORATE**
 - **Human Resources Funding: Grants and Fellowships (**Education**)**
 - **DEPT. OF SCIENCE FELLOWSHIPS AND GRANT PROGRAMMES**
 - **Tech. And Inov. Funding: Industrial R&D Supports (**Innovation**)**
 - **TECHN. AND INNOVATION FUNDING PROGRAMMES DIRECTORATE**

Academic Research Funding

- 8 different funding programs are running
- These programs are in general aimed at promoting **capacity building** of research infrastructure through skill enhancement, or general upgrading of research performance ability.
- The current funding policy is mainly encouraging bottom up research incentive.

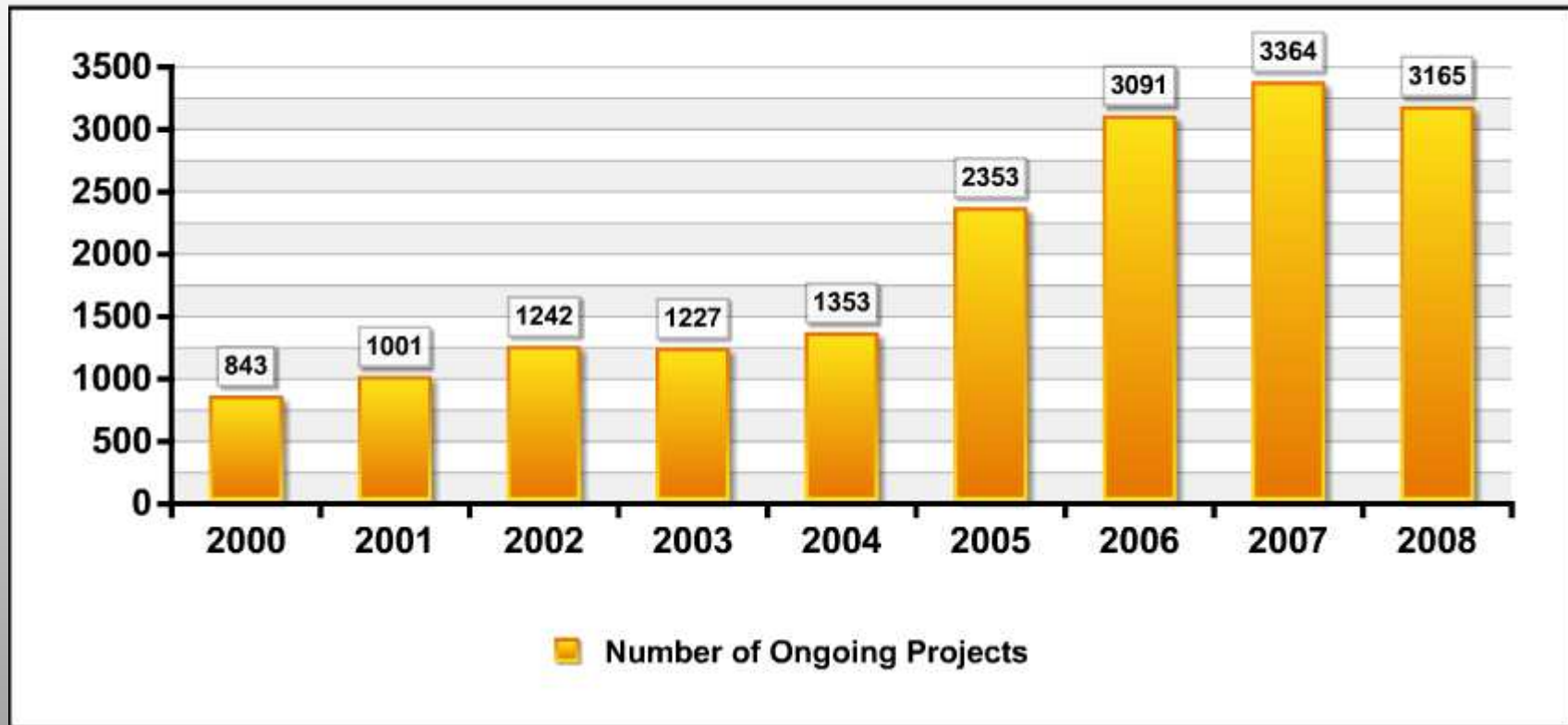
Proposed and Supported Projects



*Public projects excluded.

Ongoing Projects

ONGOING PROJECTS BETWEEN 2000-2008



*Public projects excluded.

Academic Research Funding

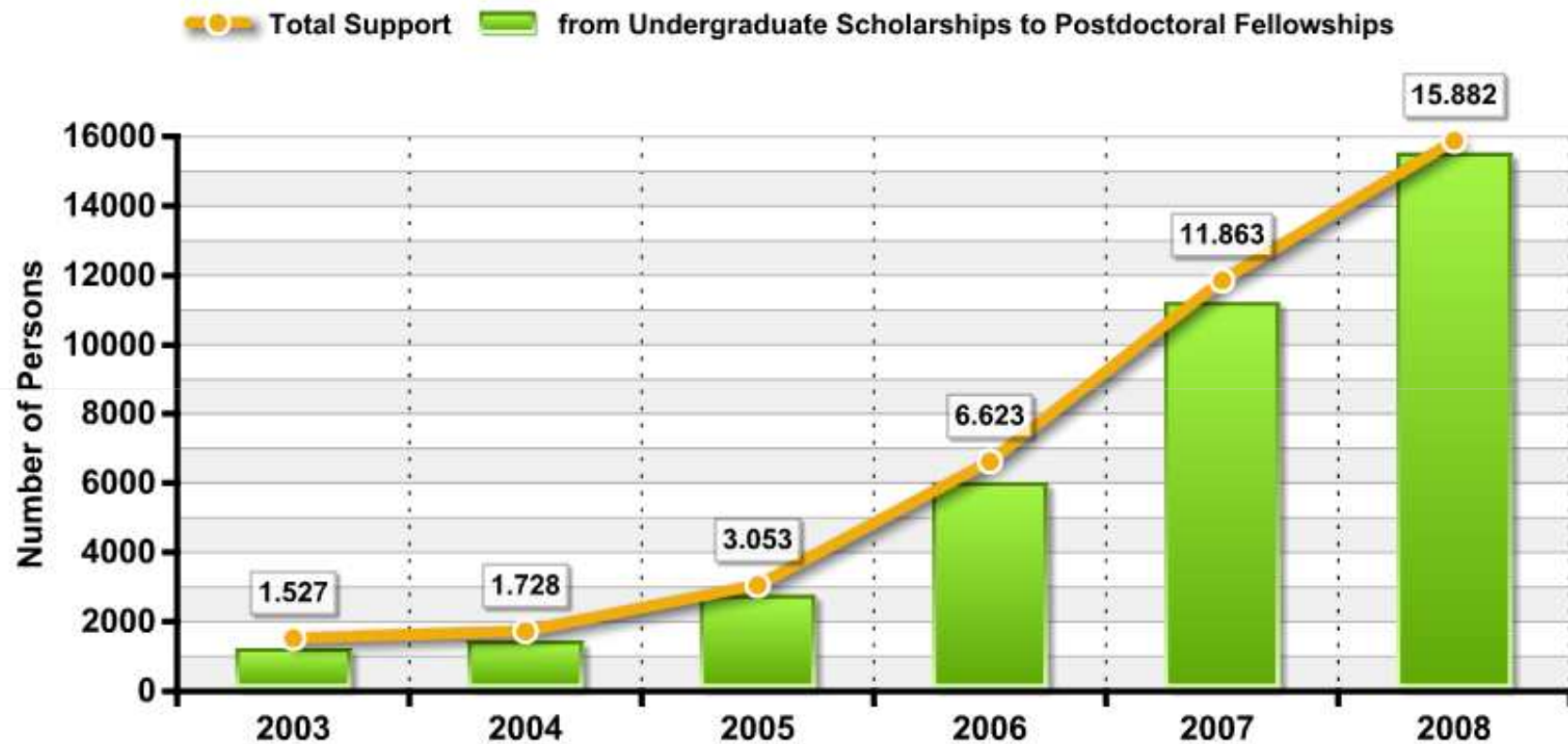
	2002	2008	Increase
Number of Projects Proposals	1.198	4.944	4 times
Number of Supported Projects	548	1.188	2 times
Total Support Budget (MTL)*	13.4	327.5	24 times
Support per Project (x1000TL)*	24	276	12 times

*2008 constant prices

Human Resources Funding

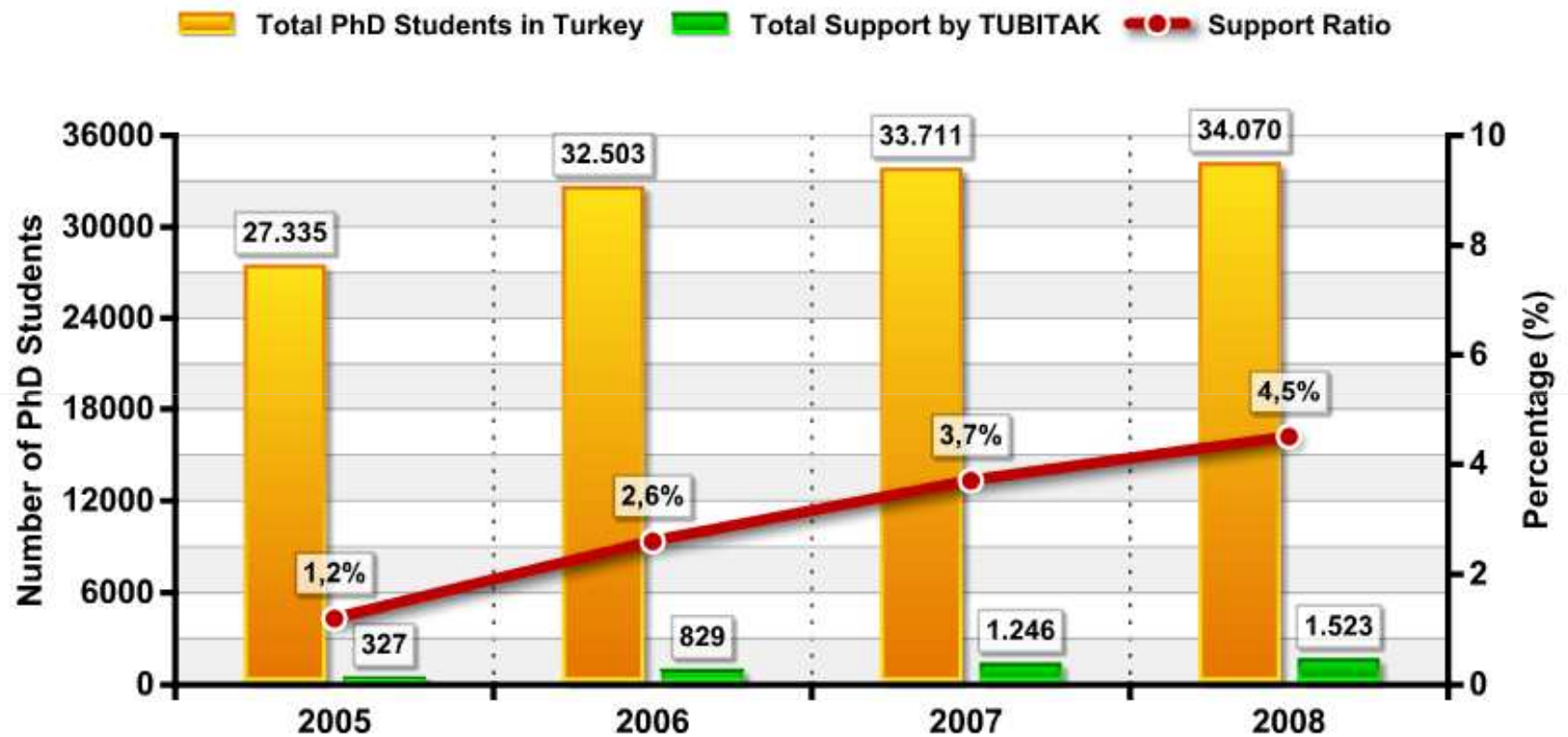
26 different grants and fellowship programs are running that cover a wide range of supports for all scientists from primary school students to senior (post-doctoral) scholars.

Human Resources Support Statistics (Total Support) **



** The number includes in the numbers of scientist started to be supported in the relevant year, and other scientists continued to be supported from the previous years.*

Support for PhD Students



Source: The Council of Higher Education of the Republic of Turkey

Human Resources Funding

	2003	2008	Increase
Total Applications	18.315	34.072	2 times
No. of Scientists Supported each year	989	10.505	11 times
Total Support* (No. of Scientists)	1.527	15.882	10 times
Realized Expenditure (MTL)**	3.9	62.9	20 times

* The number includes the numbers of scientist started to be supported in the relevant year, and other scientists continued to be supported from the previous years.

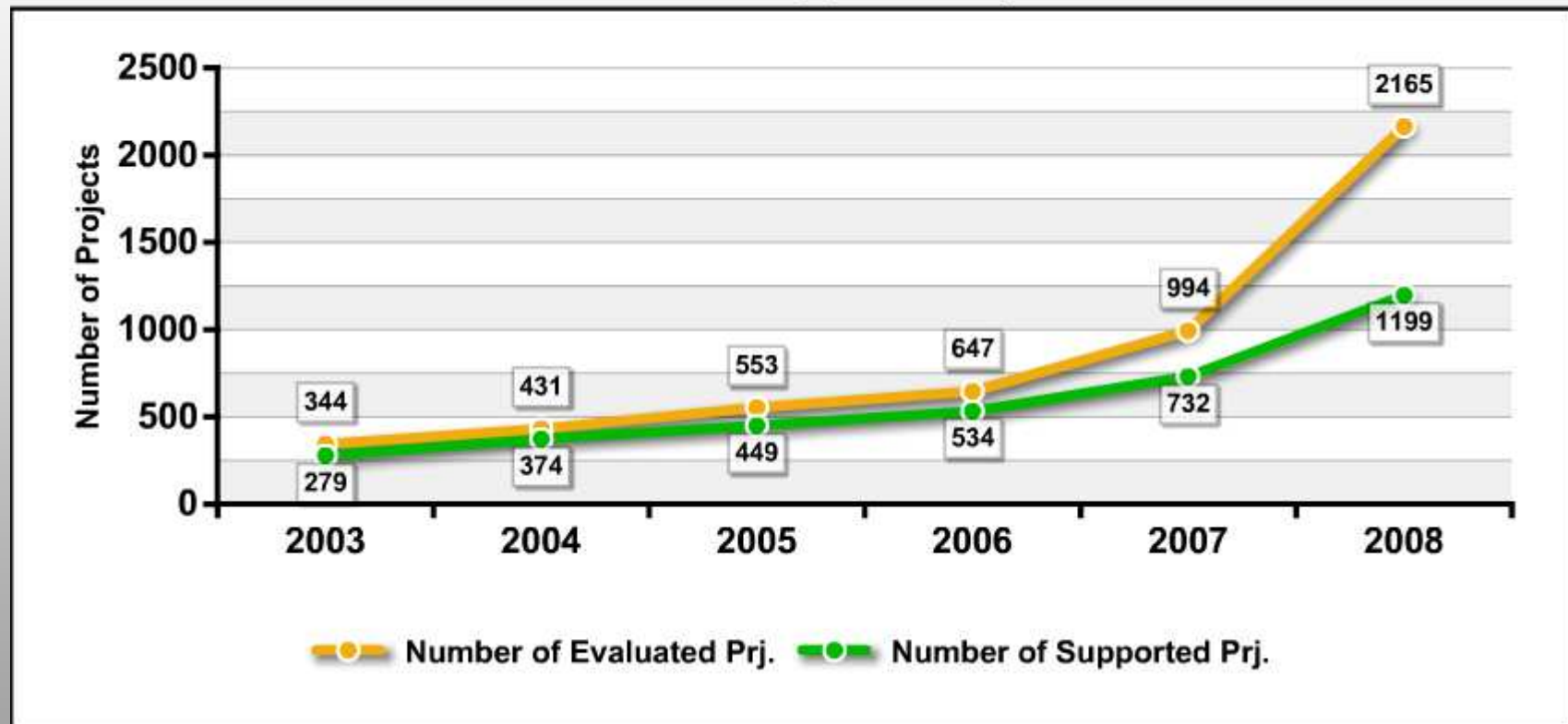
** 2008 constant prices

Technology and Innovation Funding

Five different funding programs are running that aim at [promoting technology and innovation](#) through supporting projects proposed by industrial companies.

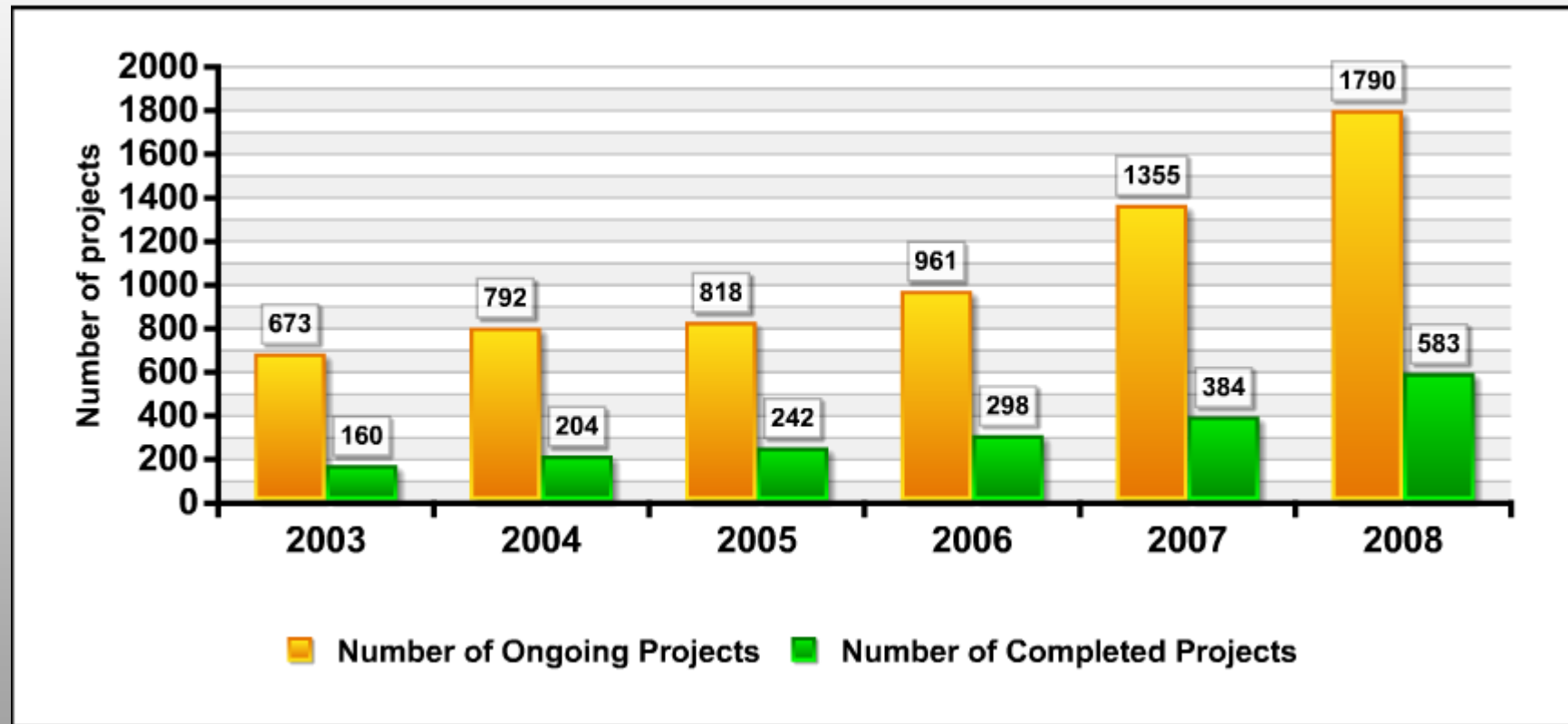
Technology and Innovation Funding

Evaluated and Supported Projects



Technology and Innovation Funding

Ongoing and Completed Projects

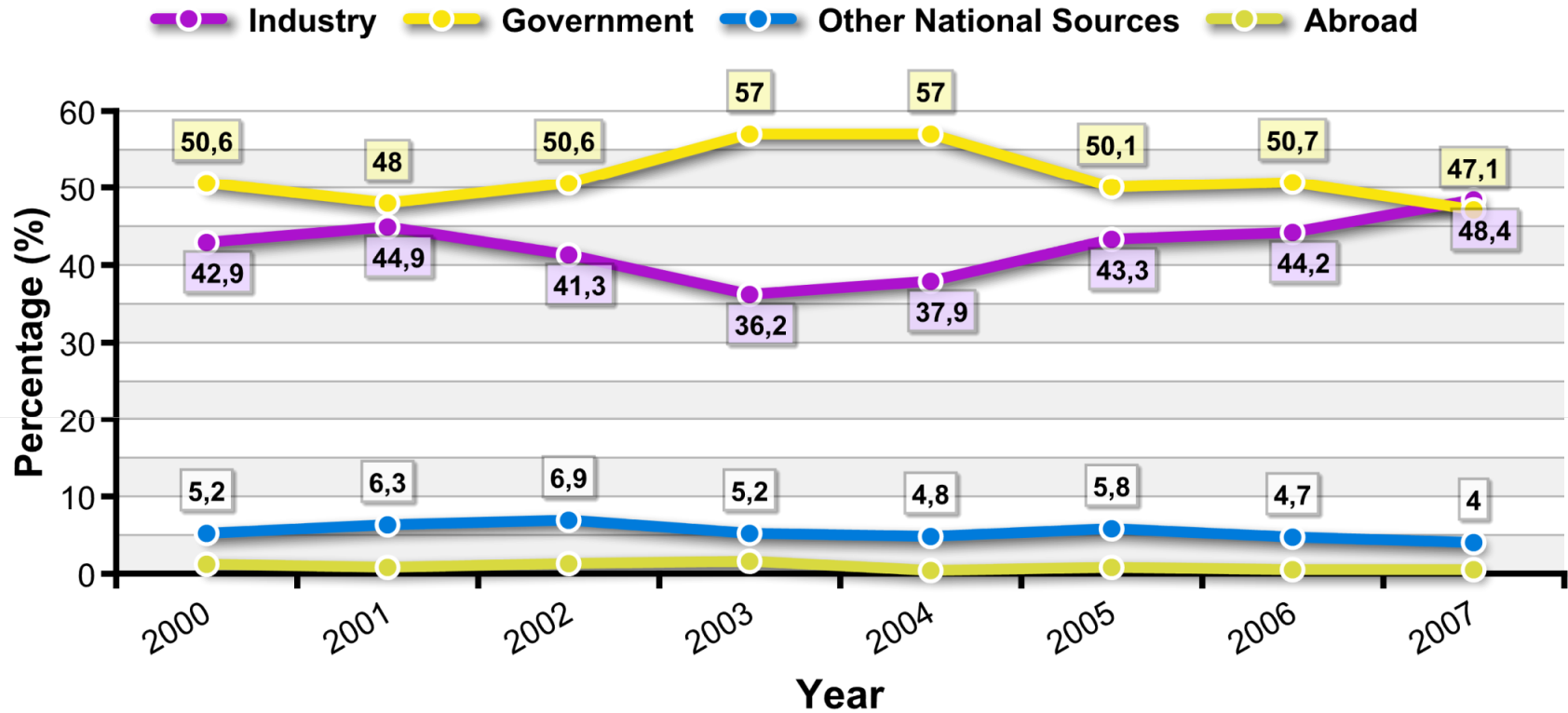


Technology and Innovation Funding

	2002	2008	Relative size
Number of Project Proposals	374	2.285	6 times
Number of Projects Decided to be Supported	286	1.199	4 times
Number of Companies	269	1.679	6 times
Total Grant Support Budget (MTL)*	46.1	239	5 times
Number of Supported Projects	371	1.098	3 times
Grant Support Budget per Project (MTL)	0.12	0.22	~2 times

*2008 constant prices

Percentage of GERD by Source of Funds

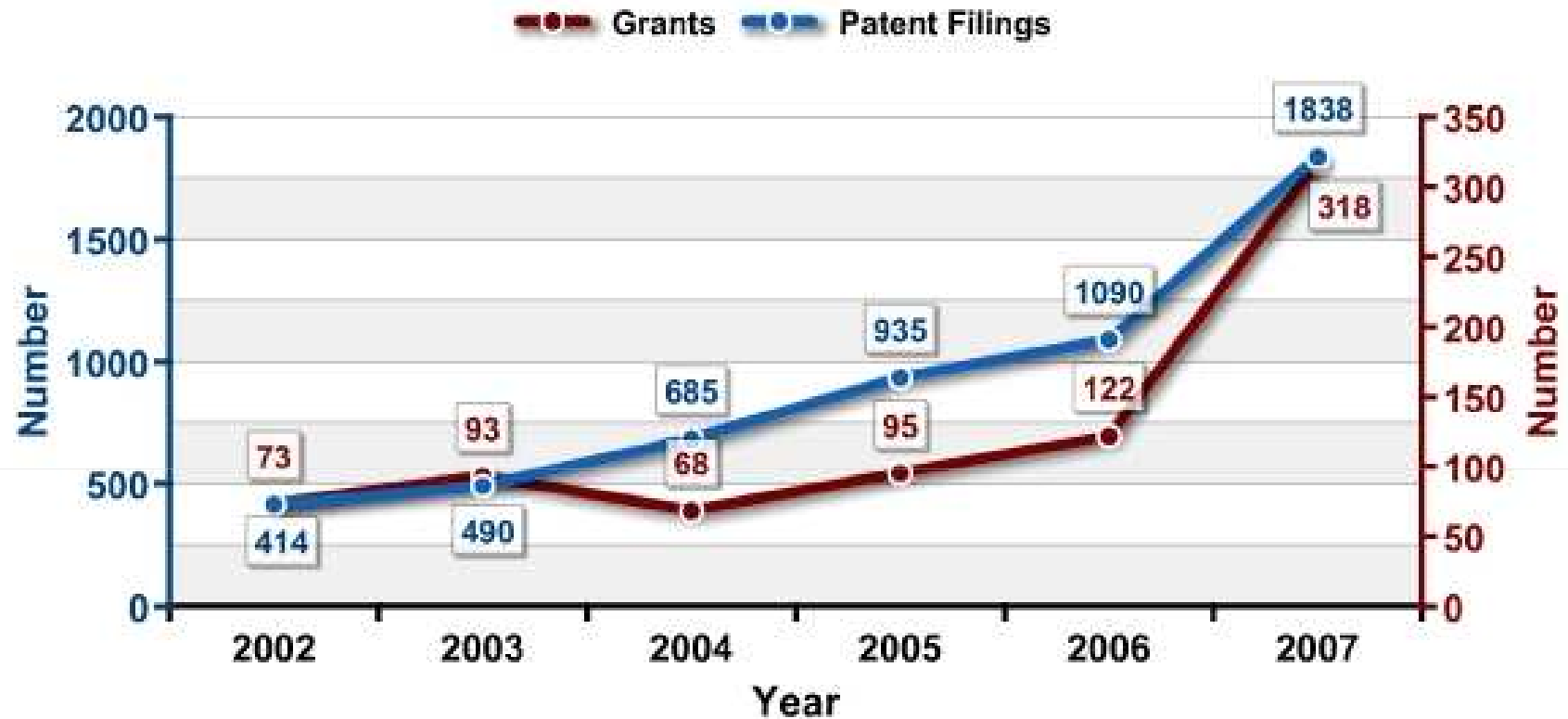


**For the first time in 2007
the share of industry has passed the share of government**

Grants for Patent Applications

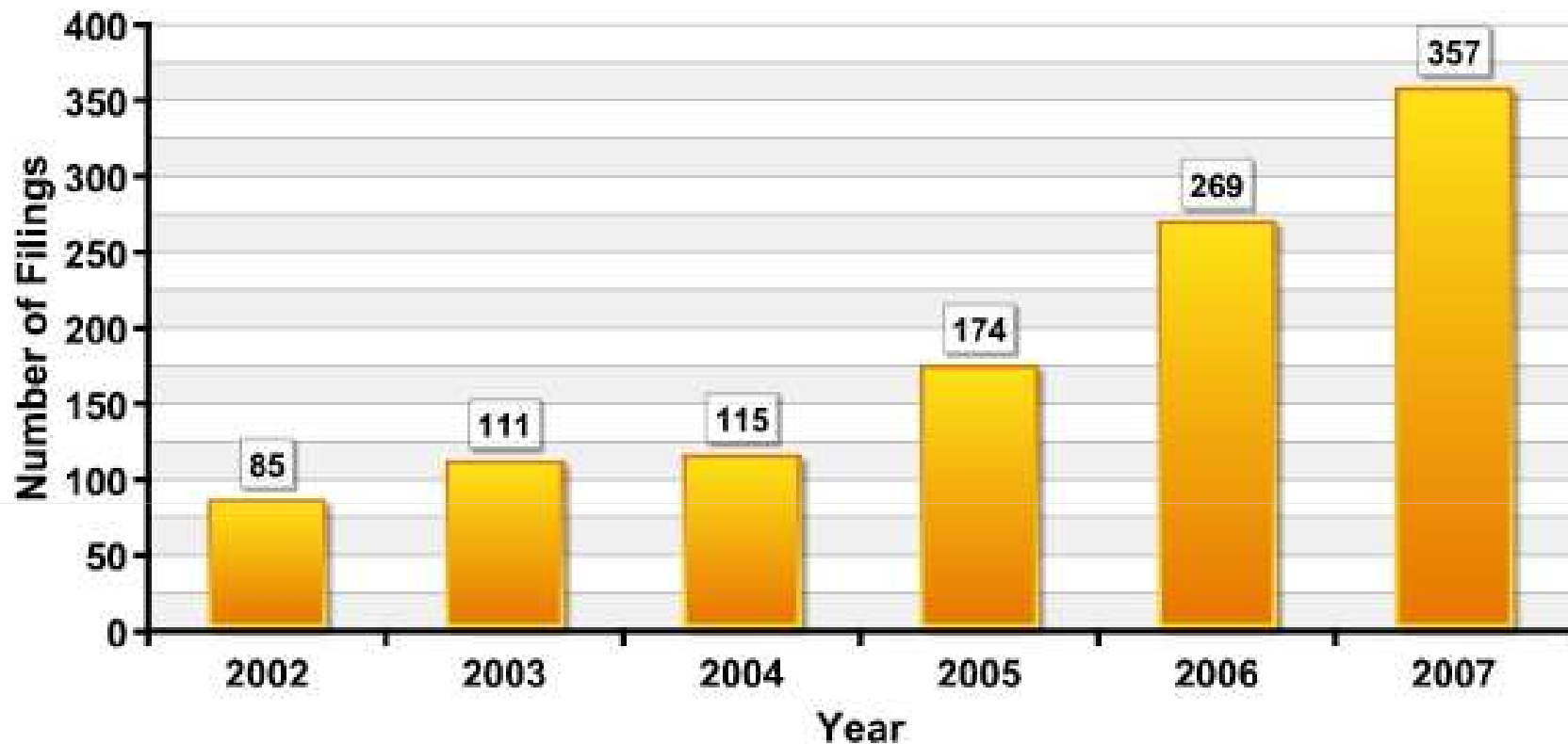
In 2006 TUBITAK started a new program that provides funding to cover the patent applications.

Domestic Patent Filings and Grants



From 2002 to 2007 the the number of domestic patent filings and grants increased to 4.4 folds.

PCT Applications From Turkey



From 2002 to 2007 the number of PCT applications increased to 4.2 folds.

Thank you....

www.tubitak.gov.tr