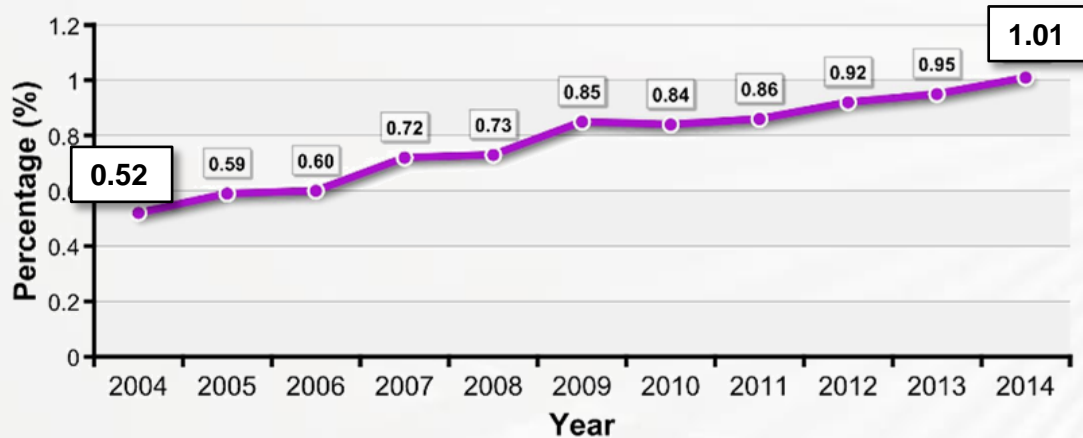


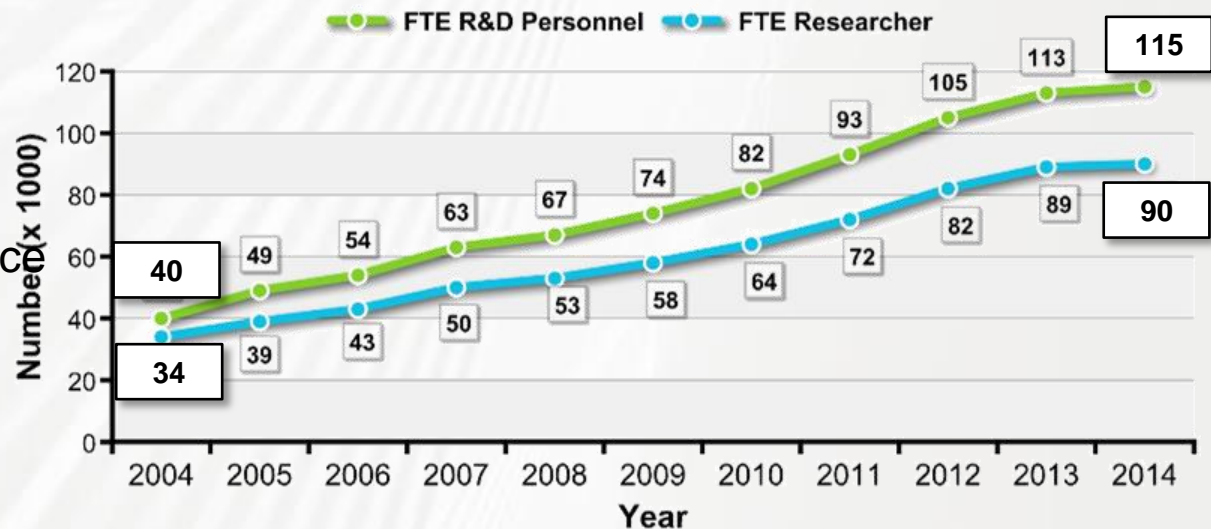
Important Increase in Resources for R&D and I



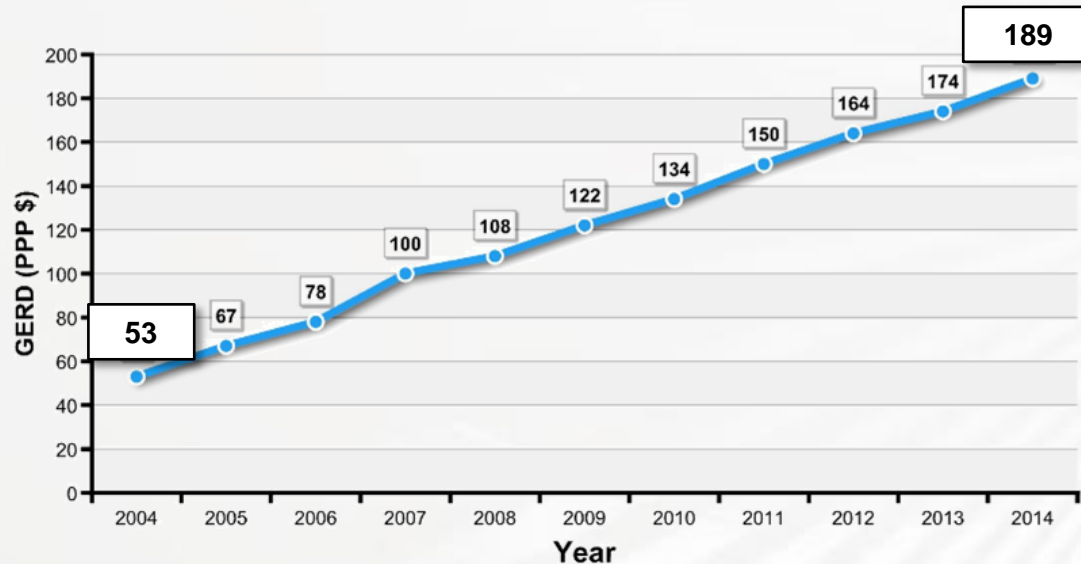
- Based on an annual growth rate of **17%**, R&D expenditures rate increased **2 times**
- Turkey has passed Austria, Belgium, Finland and Mexico in total R&D expenditures

FTE Human Resources

- Around **3 times** increase since 2004



GERD per Capita and by Sources of Funds

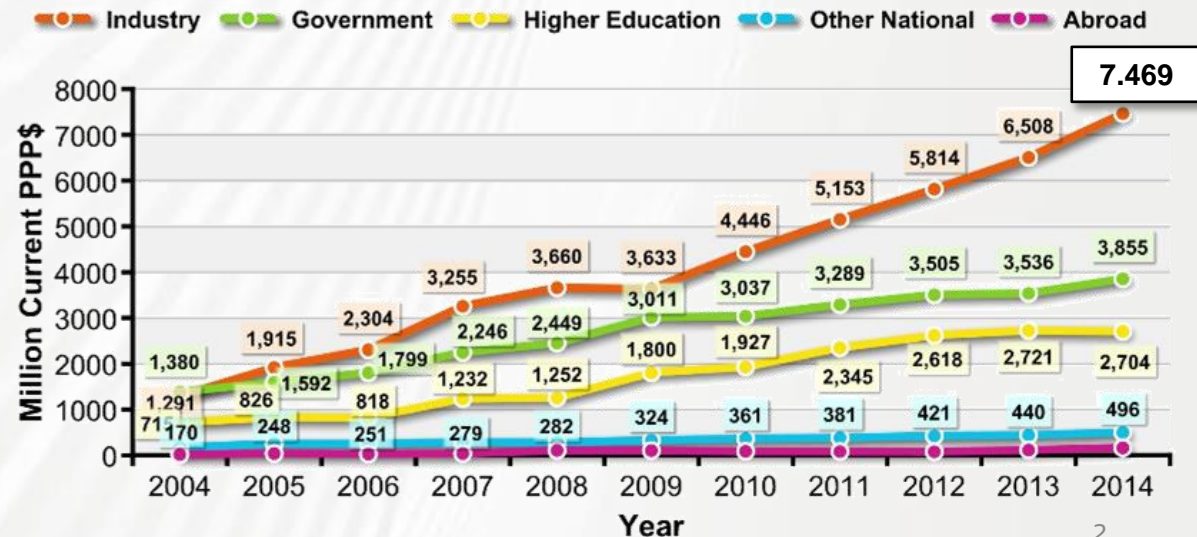


GERD per Capita Population:

- More than 3 times increase since 2004

GERD by sources of Funds:

- Industry has the biggest share and fastest increase in R&D spending



Patents and Publications also Increasing

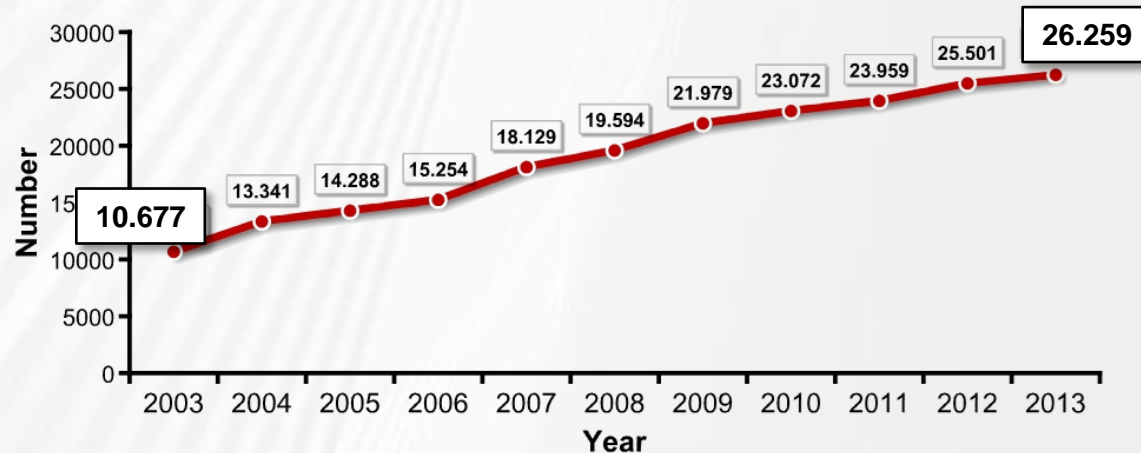


Patents:

- 5,4 times increase since 2004

Scientific Publications:

- 2,5 times increase since 2003



Greater Achievements in Turkey to boost research and innovation

In times of fiscal constraints, invest in education, R&D, innovation and ICTs. Such investments should where possible not only be protected from budget cuts, but should be stepped up.

Turkey

EU

GERD

2004: 1.630 B € → 2012: 5.646 B €	 +%246	EU 28 Average	2004: 194.340 B € → 2012: 269.548 B €	 +%39
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GERD as % of GDP

2004: 0,5 % → 2012: 0,9 %	 +%80	2004: 1,8 % → 2012: 2 %	 +%11
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GERD per capita population

2004: 23.1 € → 2012: 75.6 €	 +%227	2004: 394.4 € → 2012: 532.6 €	 +%35
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Source: Eurostat

IU: 2014

Turkey

EU

2007-2012

2007-2012

+4.4 %

R&D intensity

+2.4 %

+5.3 %

**Knowledge intensity of the
economy**

+1.0 %

+6.7 %

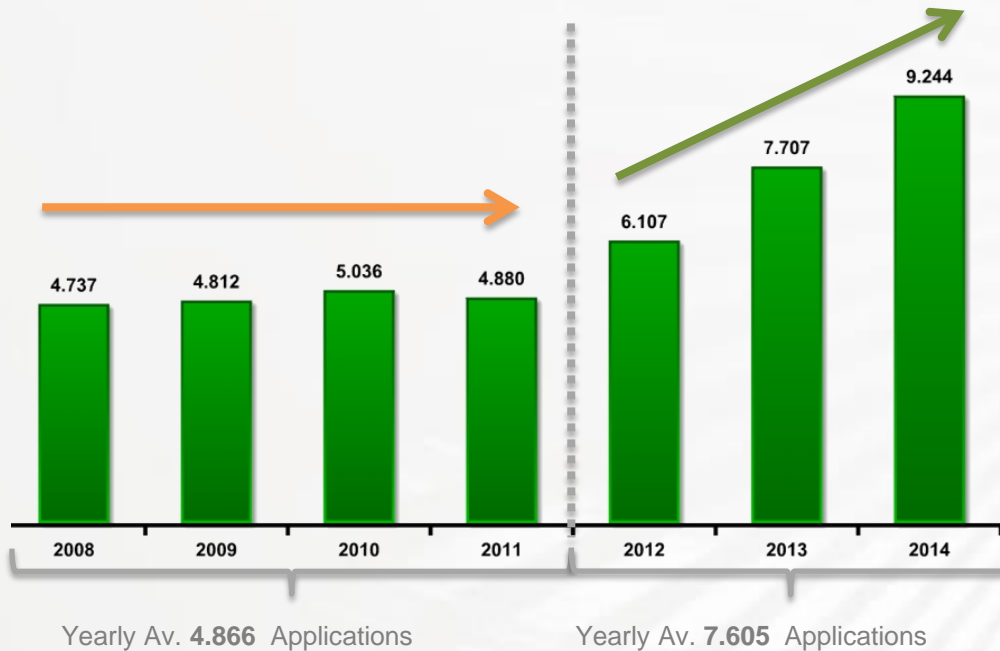
Excellence in S&T

+2.9 %

«Turkey is committed to improving its innovative capacity through smart policies and more investment in RDI activities.»

«Bottom-up strategic approach: private sector and academia have identified their R&D needs in a detailed and more efficient way, and support mechanisms have acquired a more targeted structure»

Innovation and Entrepreneurship Ecosystem Is Boosted



University

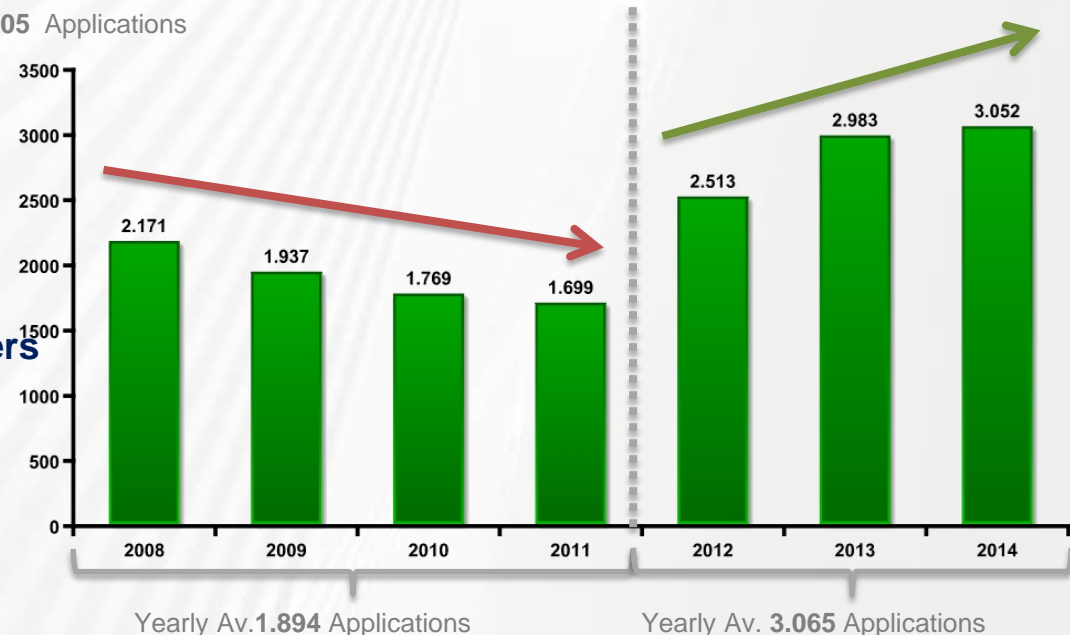
In the last 3 years project application numbers

1,9 times increased

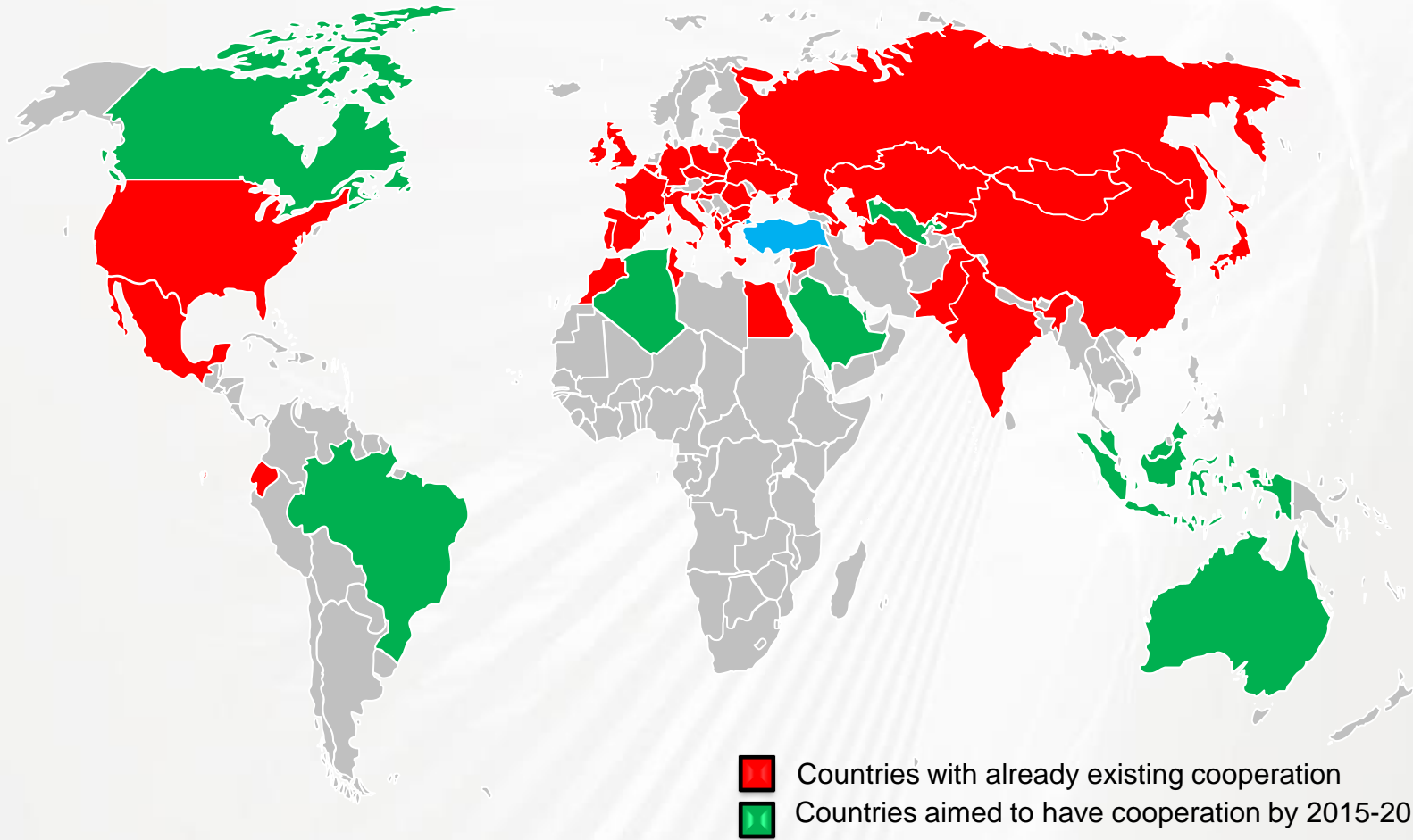
Industry

In the last 3 years project application numbers

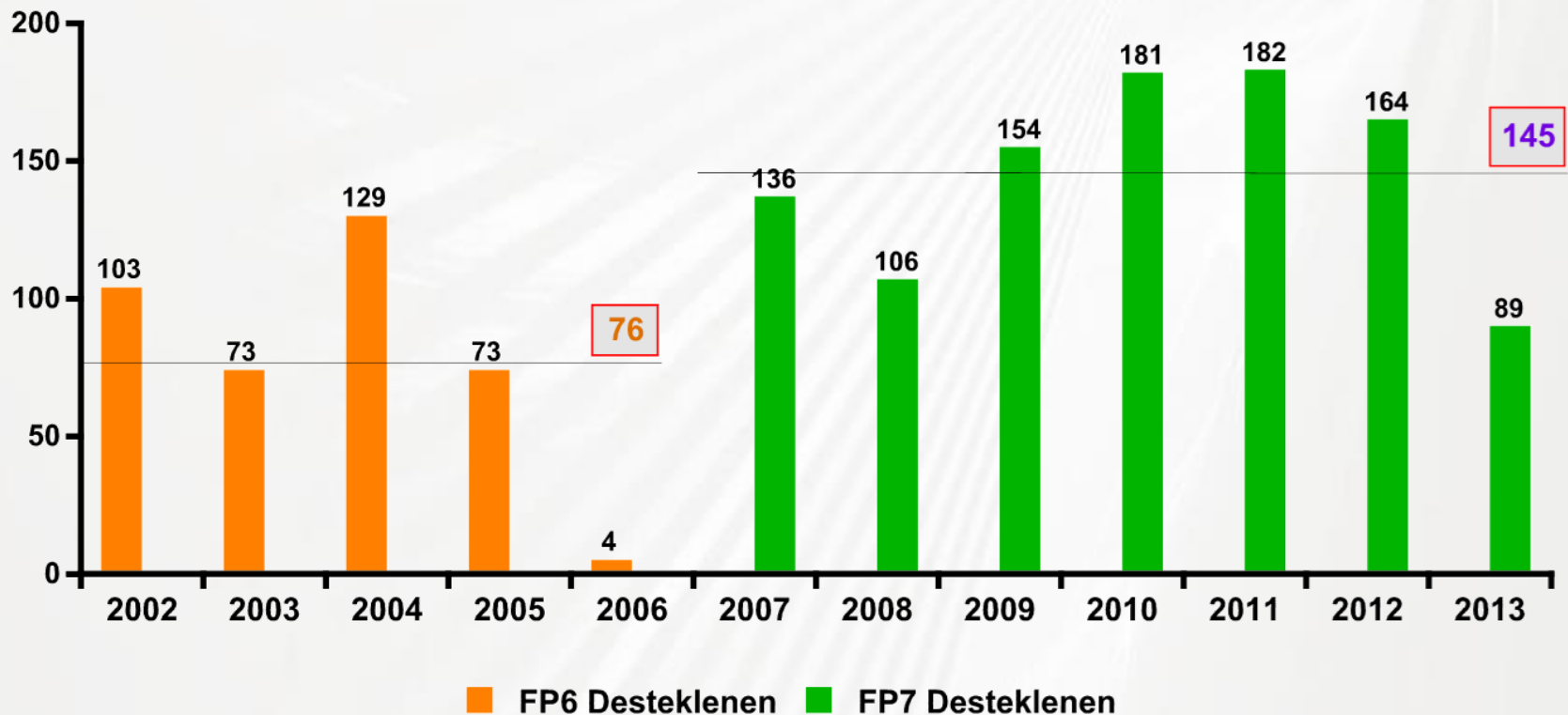
1,8 times increased



Bilateral Cooperations of Turkey

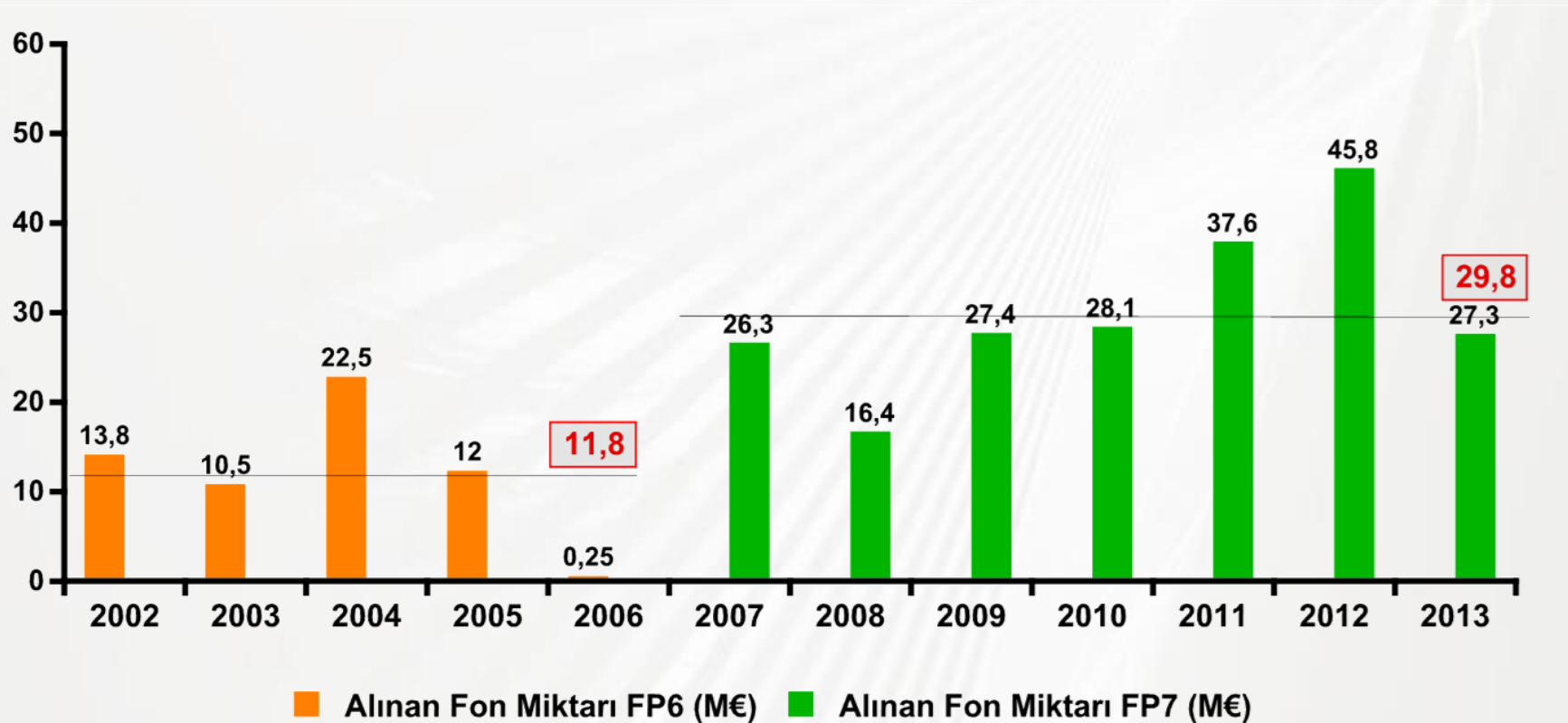


Turkey's average annual number of projects increased by 2 times between the 6th to the 7th Framework Programme



Turkey's Performance - 6th and 7th FP

Turkey's average annual return increased by 2,5 times between the 6th to the 7th Framework Programme



7th Framework Programme and Turkey



Total Budget: 53,2 Billion €, Return Amount: 209 Million €



**930 Turkish researchers, 9.500
European researchers**



**200 SME, cooperated with
2.000 European R&D actor**



**350 Turkish researchers in
European research centres**

**Toplam
Portföy
Büyük-
lüğü**

**1.012 Proje
1.206 Ortaklık
209 Milyon €**

2,8 Milyar €



City	# of Projects	Funded Budget (1.000 Euro)	Utilization
Ankara	501	93.176	40,7%
İstanbul	441	86.020	37,6%
İzmir	89	12.915	5,6%
Kocaeli	58	10.124	4,4%
Eskişehir	18	6.592	2,9%