

Innovation policy in Hungary

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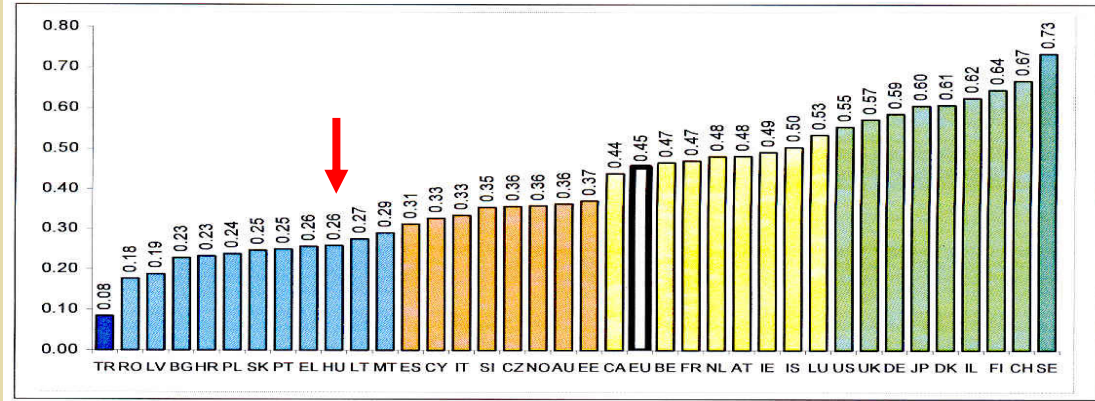
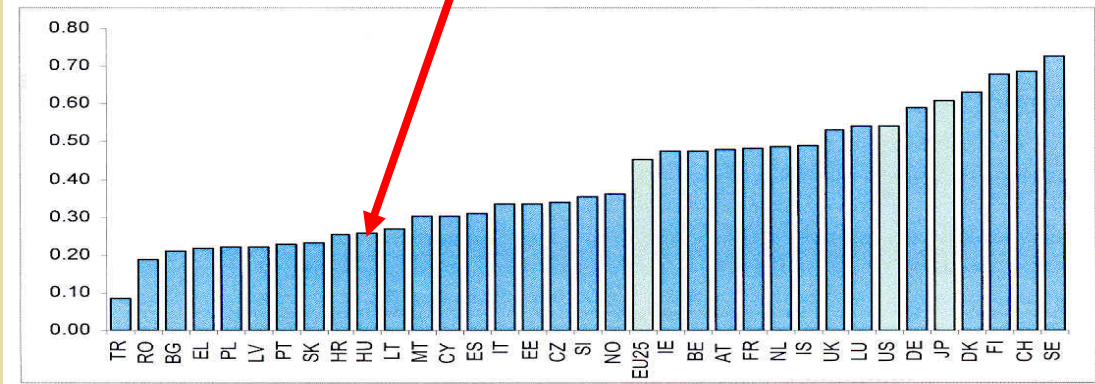
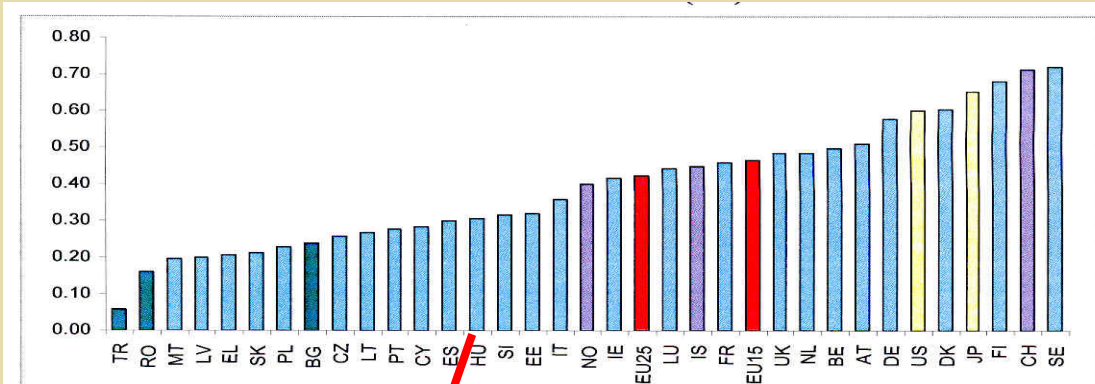
Status of Hungarian innovation

European Innovation Scoreboard

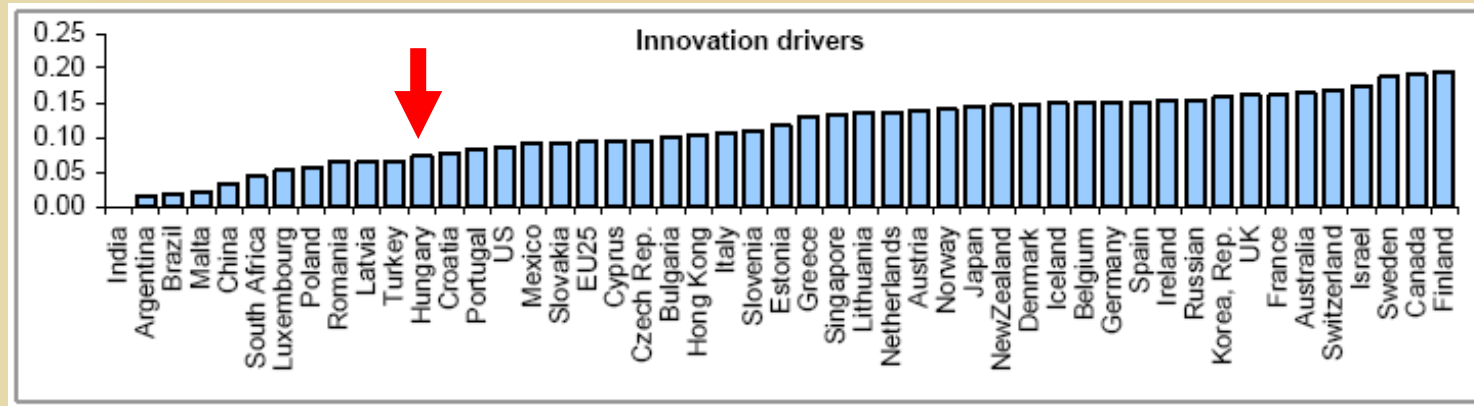
2005

2006

2007



EIS



S & E degree/1000 pop. (20-29 yr)

HE degree/100 pop. (25-64 yr)

Broadband penetration (lines/100 pop.)

LLL participation/100 pop. (25-64 yr)

Youth education attainment (at least upper secondary)

EIS

What is the main reason?



Table II.5.2.2 S&E graduates (ISCED 5 and 6) as % of new degrees, 2003⁽¹⁾

	Share of new degrees (%)			Total S&E average annual growth rate (%) 1998-2003 ⁽²⁾
	Science	Engineering	Total S&E	
Belgium	9.1	10.2	19.3	0.6
Czech Republic	7.9	16.6	24.5	-0.1
Denmark	8.5	11.3	19.8	0.3
Germany	9.4	17.0	26.4	-1.6
Estonia	7.9	9.3	17.1	-0.9
Greece	:	:	:	:
Spain	11.2	16.9	28.1	5.1
France	13.0	16.4	29.4	-0.9
Ireland	18.0	11.9	29.9	-1.4
Italy	7.6	15.3	22.9	-1.4
Cyprus	9.0	3.1	12.0	-3.8
Latvia	6.3	7.1	13.4	-7.0
Lithuania	5.0	17.4	22.4	-1.9
Luxembourg	10.7	3.8	14.6	-16.8
Hungary	2.9	8.3	11.2	-9.1
Malta	4.1	4.8	8.9	12.5
Netherlands	5.6	10.7	16.3	-0.8
Austria	7.0	21.4	28.4	-3.3
Poland	5.1	9.6	14.6	-0.6
Portugal	6.0	13.0	19.0	1.1
Slovenia	3.4	15.2	18.6	-4.8
Slovakia	8.8	15.3	24.1	2.7
Finland	7.4	21.4	28.7	2.4
Sweden	9.6	20.9	30.5	3.3
UK	17.0	8.8	25.8	-2.9
EU-25⁽³⁾	11.0	13.2	24.2	-0.8
US	10.6	7.9	18.5	1.7
Japan	3.0	20.1	23.1	-1.5

Source: DG Research

Key Figures 2005

Data: Eurostat

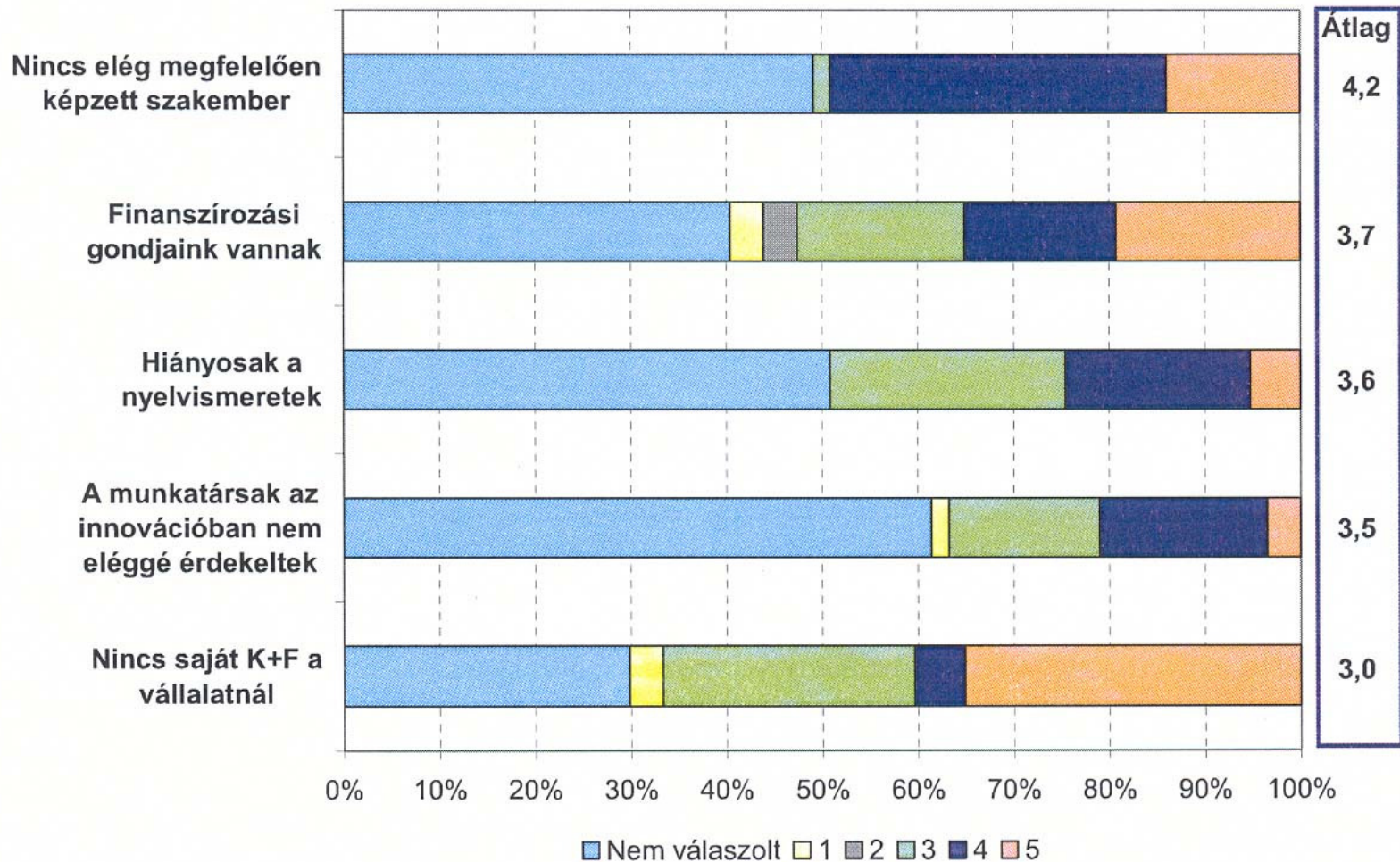
Notes: (1) LU : 2000; IT, FI : 2002.

(2) LU : 1998-2000; IT, FI : 1998-2002; CY : 1999-2003; BE : 2000-2003; UK : 2001-2003.

(3) EU-25 does not include EL, IT, LU and FI.

Company survey (GKI, 2007)

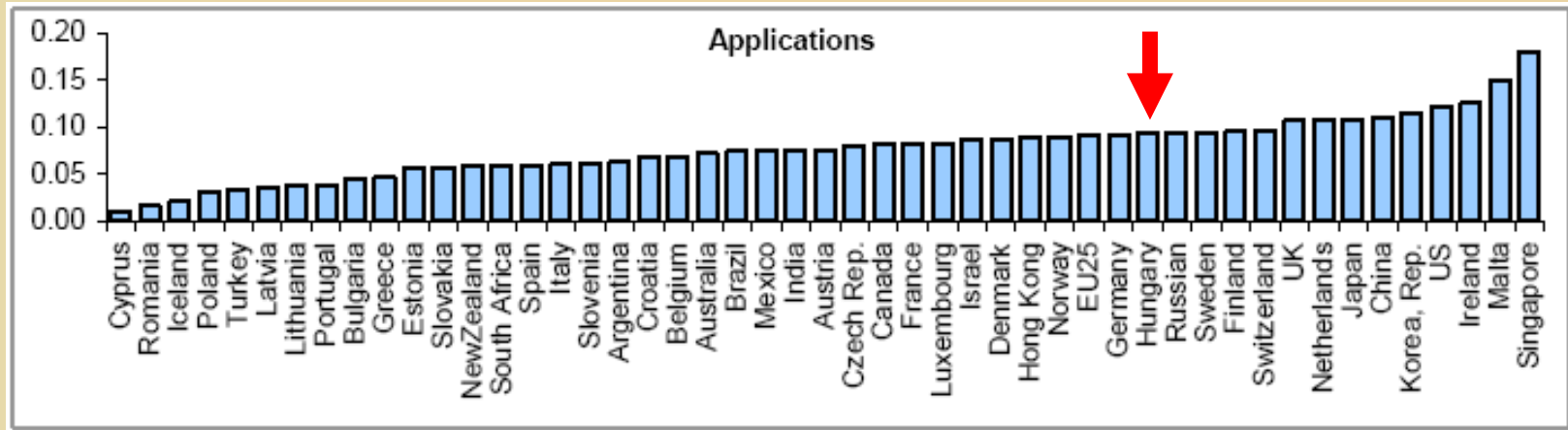
Az innováció szűk keresztmetszetei a saját vállalatnál
(a válaszok százalékos megoszlása és átlaga)



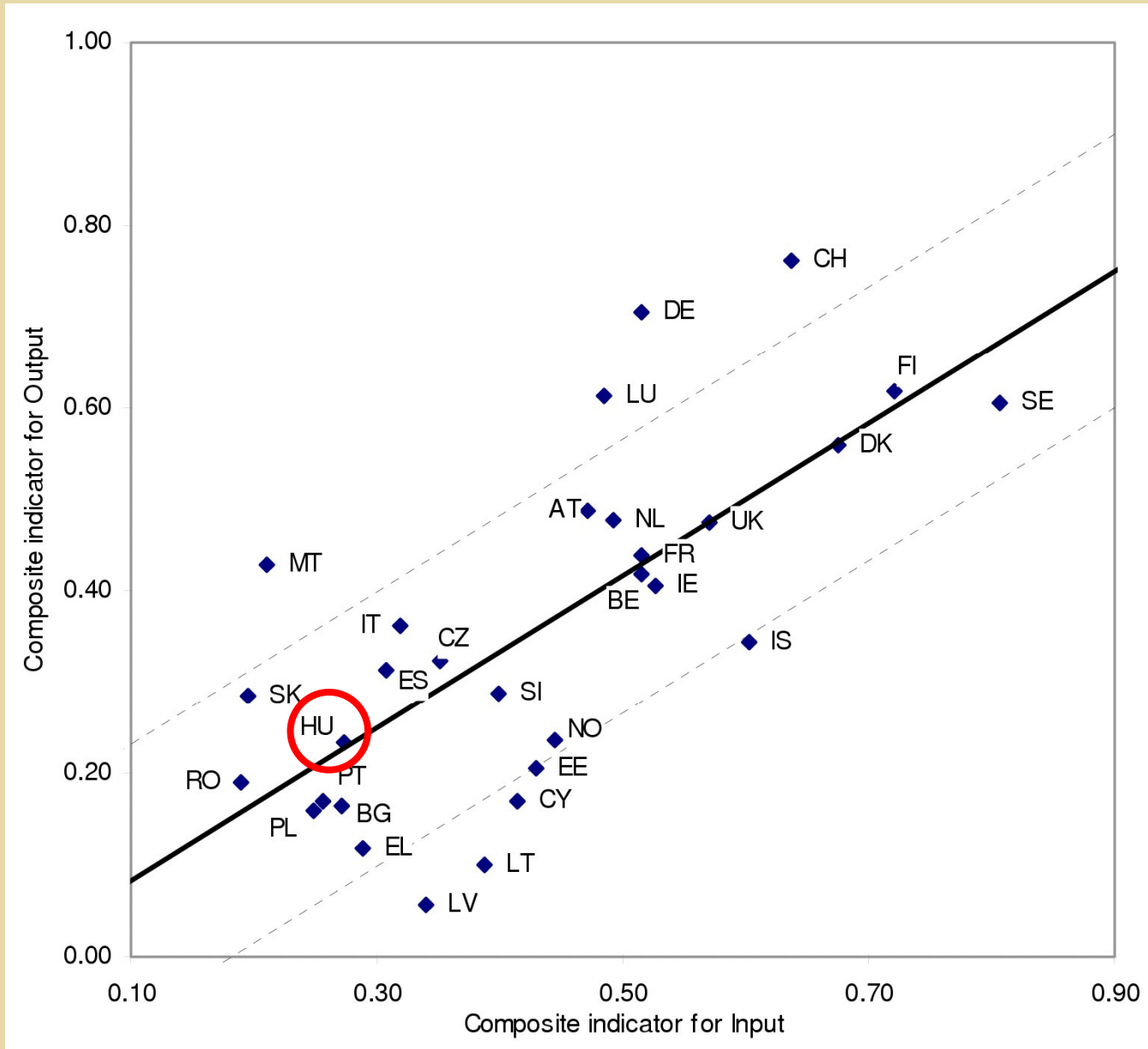
Megjegyzés: A válaszadók az innováció szűk keresztmetszetét 1-től 5-ig terjedő skálán értékelték (1: nem fontos; 5: nagyon fontos)

Forrás: GKI innovatív vállalati panelvizsgálat 2007

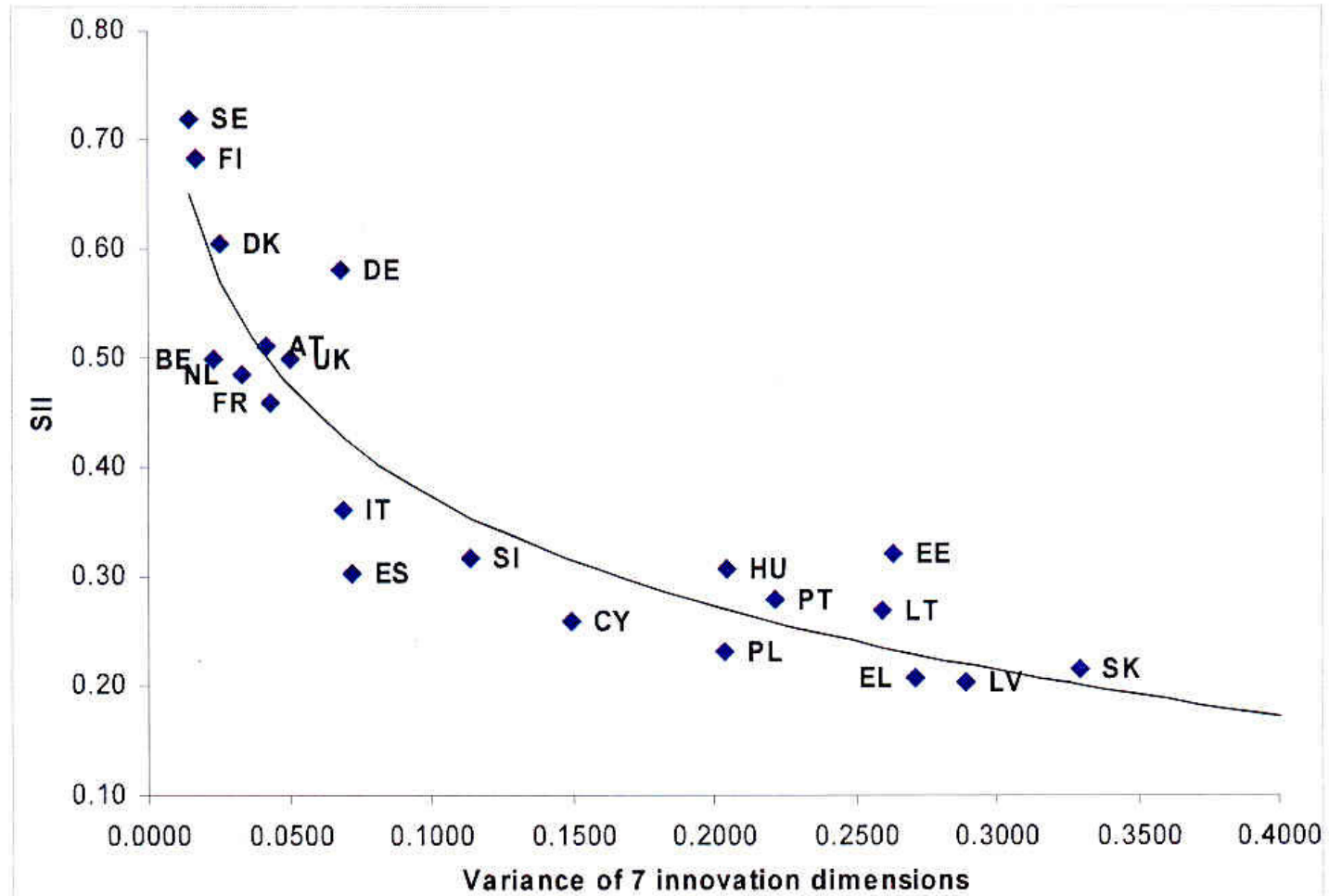
EIS



EIS



EIS



Hungarian innovation system

GERD/BERD 1:1

Low innovation intensity in SME sector

Continuously changing support system

Fragmented governance

Potential for improvement

Economic indicators

	EU %	OECD %
GDP/Cap.	59,4	56,4
R&D (GDP%)	49,4	38,3
R&D/Cap.	29,6	21,8

Source: Tolnai M. HAS

Scientific productivity (WoS)

	EU %	OECD %
Publ./Res.	90,8	132
Scitation/ Res.	60,6	83,1
Publ./R&D Invest.	56,7	40,5

Source: Tolnai M. HAS

RDI strategy

Accepted in March 2007

Action plan

As of May, 2008 nothing realized

June, 2008 Minister for R &D

RDI strategy

November, 2008 new RDI covernance scheme

Support system

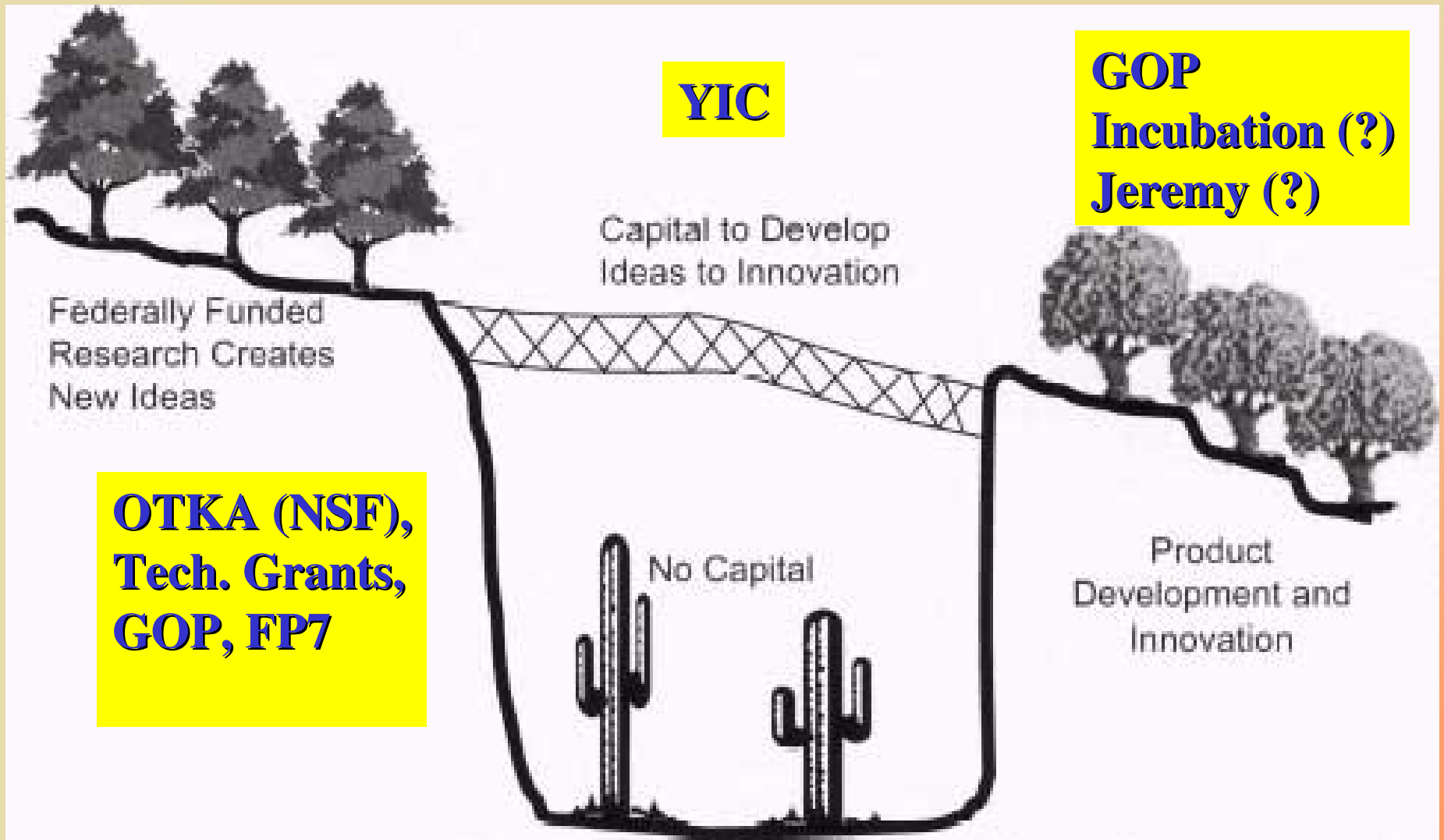
Most of the instruments exist

**2007 Reorganization/outourcing of grant processing
(MAG Plc)**

Slow financial processing

Limited coherence/efficiency

The valley of death



Source: C. W. Wessner

Support system

„One size fits all” approach

Incubation

Young Innovative Companies

Jeremy type instruments



Is it going to start moving in 2009?