

Slovenian Innovation Hub – SIS EGIZ

TOWARDS AN OPEN INNOVATION ECOSYSTEM

How Decisive is it?

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What is Innovation?

- Probably among the most complex process in society - having been transformed beyond the predictable **linear paradyne** (basic science - applied research - product/service development, finally being successfully accepted by the market), into **a highly complex model** (involving in unpredictable ways various innovation actors from the entire inno chain, including the consumers, intermediary organisations, and even the state).
- Not only changed roles & collaboration patterns among actors, but a **new conceptual approach** - problems, as old paradygm sticks stubbornly in our minds (particularly in academia).
- Also a problem for business leaders – requiring from them different patterns of collaboration with partner companies, with all social stakeholders (in 1980ies new antitrust regulations). GIHCTC 2012 Survey – **innovation the biggest challenge for executives** www.ceochallenge.org.

What is the inno ecosystem?

- **Innovation Ecosystem** not only **support environment incl. funding**, it is allowing & encouraging innovative activities – totality of traditions & values, legislation, strategies, innovation actors, government institutions, policy instruments (not only financial), modus operandi & patterns of interaction – it extends particularly over domains of **education, science, R&D, innovation, and entrepreneurship**.
- **Key objective of IES: to enhance innovative capacity and performance of a country.**
- **Countries** who decided to become knowledge-driven offer most appealing examples of internal regeneration and international competitiveness (Switzerland, 5 Nordics, Korea, Israel, Singapore) and they have **efficient IES** and have **GERD around or over 4%**

Committment to Innovative Performance

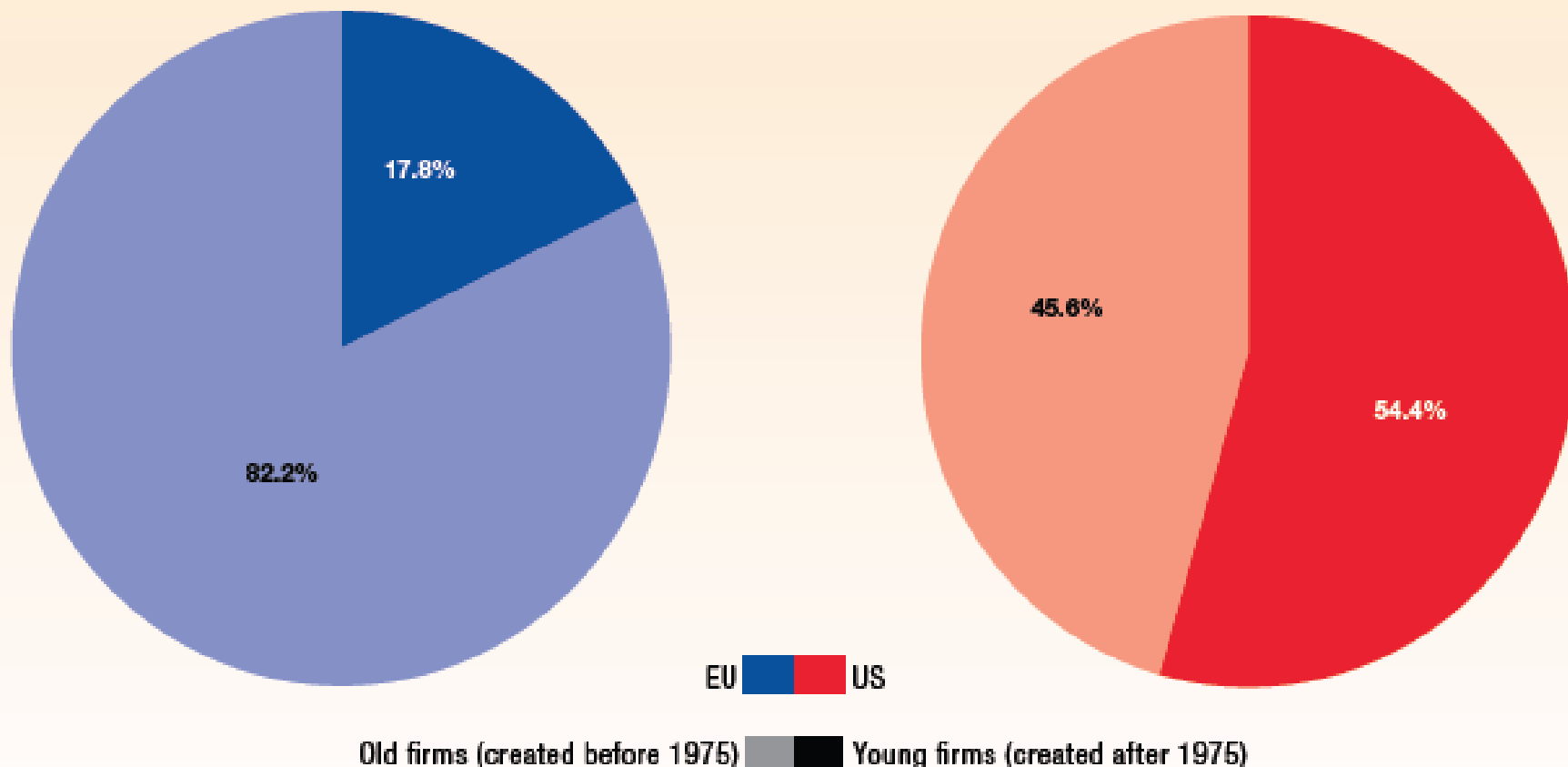
- **This committment not sectorial, short-term & affecting only parts of society:** it requires **efficiency and contribution of each stakeholder** – often only demands for state funding, forgetting that results can be achieved only when **critical mass** is achieved, when excellence is measured internationally, and countries (specially small) accept the challenge of **selecting priorities** (CANADA = 5 domains, SLO = 9 domains SRIPs)
- **Slovenian Innovation Hub (SIH)** committed to address these challenges and developing a macro project „**Medical Valley**“ - to combine academic and corporate R&D with innovation and education (hosting 4 university departments, NIB research institute, and several companies).
- SIH preparing for **September a national conference on innovation ecosystem** – this afternoon one of preparatory discussions.

Average age of companies: EU vs US

Young companies: 17.8% vs. 54.4%

From: Innovation Union Competitiveness Report 2011

FIGURE I.5.13 Shares of young and old *Scoreboard* companies



Top 30 Ranking by Global Innovation Index

2007

1.United States
2.Denmark
3.Sweden
4.United Kingdom
5.Switzerland
6.Germany
7.Netherlands
8.Finland
9.Canada
10.Taiwan
11.Japan
12.Singapore
13.Norway
14.Australia
15.Hong Kong SAR

2012

1.Sweden
2.Finland
3.Switzerland
4.Denmark
5.Netherlands
6.United States
7.Singapore
8.Canada
9.Norway
10.Hong Kong
11.Taiwan
12.Germany
13.United Kingdom
14.New Zealand
15.Australia

2018

1. Switzerland
2. Netherlands
3. Sweden
4. United Kingdom
5. Singapore
6. United States
7. Finland
8. Denmark
9. Germany
10. Ireland
11. Israel
12. Korea
13. Japan
14. Hong Kong
15. Luxemburg

Top 30: GII Ranking

2007	2012	2018
16. Austria	16. Austria	16. France
17. France	17. Ireland	17. China
18. New Zealand	18. Japan	18. Canada
19. Belgium	19. Belgium	19. Norway
20. Ireland	20. Korea	20. Australia
21. Korea	21. France	21. Austria
22. Israel	22. Israel	22. New Zealand
23. Estonia	23. Estonia	23. Iceland
24. Spain	24. Spain	24. Estonia
25. Italy	25. Czech Republic	25. Belgium
26. Slovenia	26. Slovenia	26. Malta
27. Portugal	27. Portugal	27. Czech Republic
28. Czech Rep.	28. Hungary	28. Spain
29. Hungary	29. Italy	29. Cyprus
30. Chile	30. United Arab Emirates	30. Slovenia

The Structure of Global Innovation Index

