

2015

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**Potential of Innovation in Enterprises - Current  
State and Perspectives for the Future**

Session III Innovative Economy for the sustainable growth in the EU

15th May 2015, Warsaw

# Innovation Union Scoreboard 2015

Sweden, Denmark, Finland, and Germany are European Innovation Leaders.

Compared to 2014, innovation performance has increased in 15 EU countries, while it declined in 13 others.

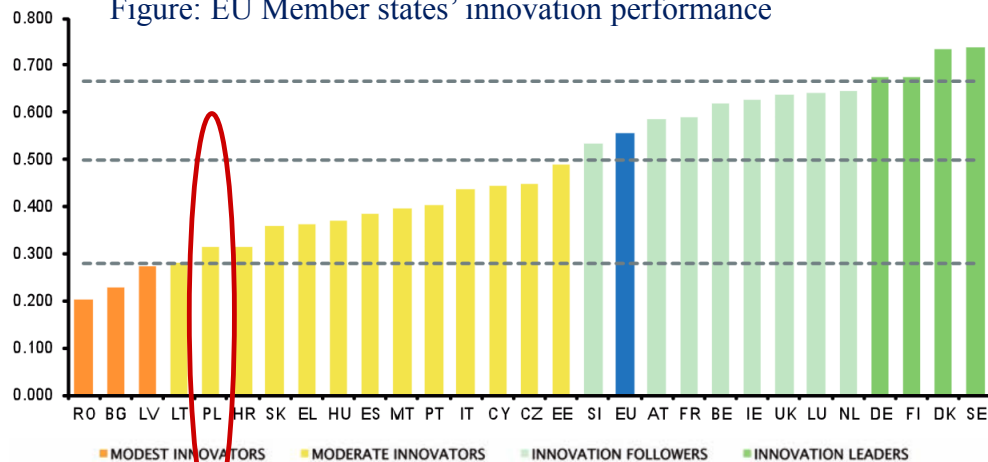
In global comparison, the EU continues to be outperformed by the US, Japan and South Korea.



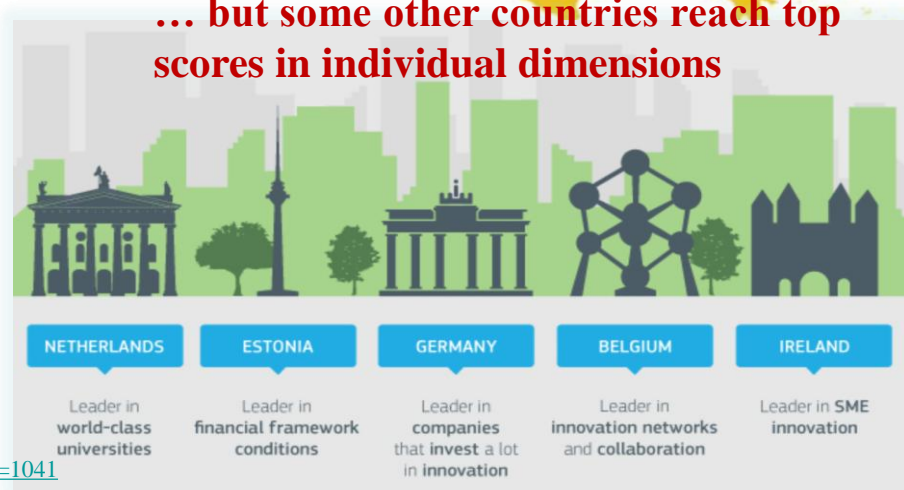
The fastest growing innovators are Malta, Latvia and Bulgaria, Ireland, the UK and Poland.

Sweden has confirmed its innovation leadership ...

Figure: EU Member states' innovation performance



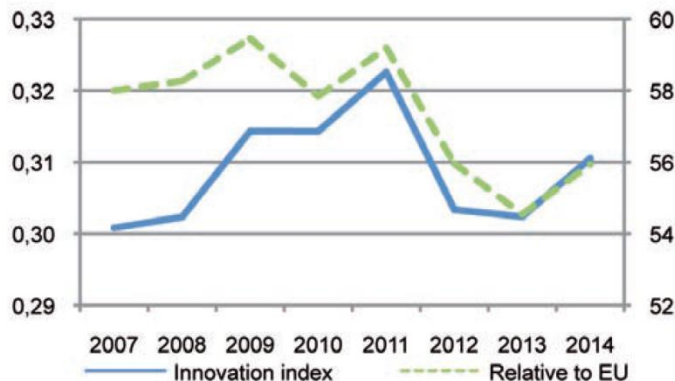
... but some other countries reach top scores in individual dimensions



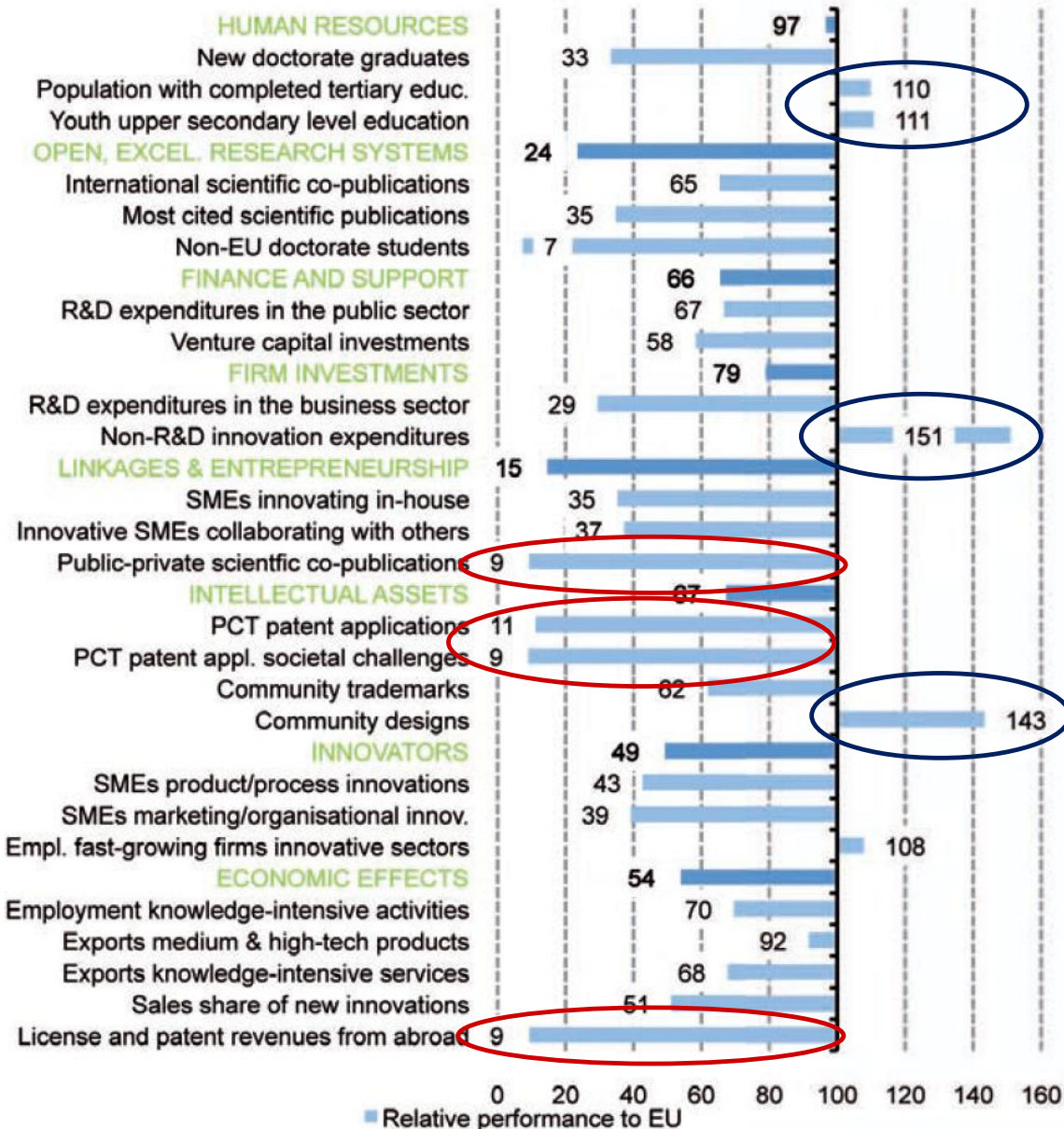
# Poland's profile in Innovation Union Scoreboard 2015

**Poland is a moderate innovator.**  
**Poland's relative performance has declined from 58% in 2007 to 56% in 2014.**

Innovation performance of Poland has been somewhat volatile within a relatively narrow range: it improved between 2007 and 2011, but then fell for 2012 and 2013, and increased again for 2014.

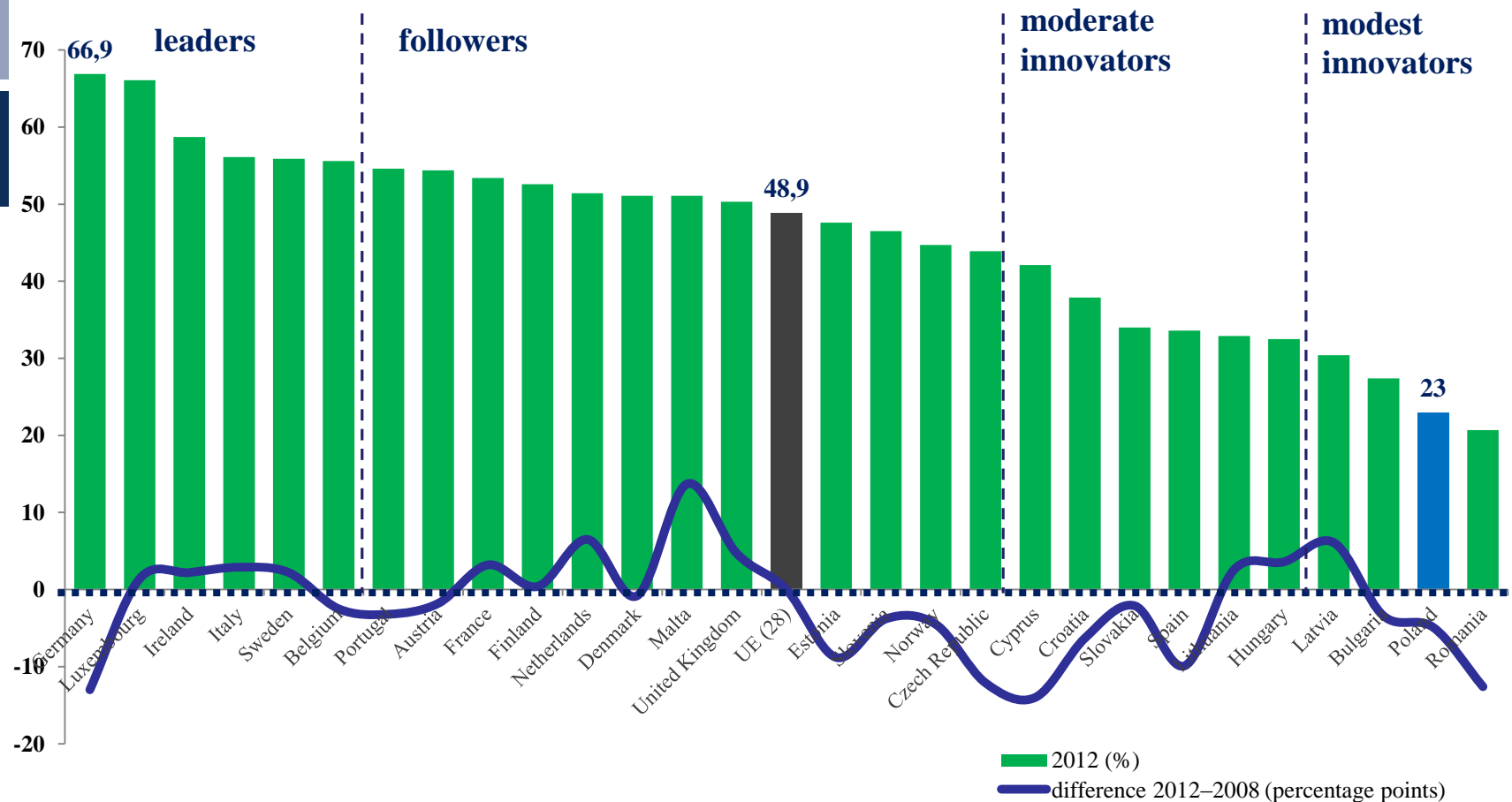


## Poland's performance relative to the EU (EU = 100).



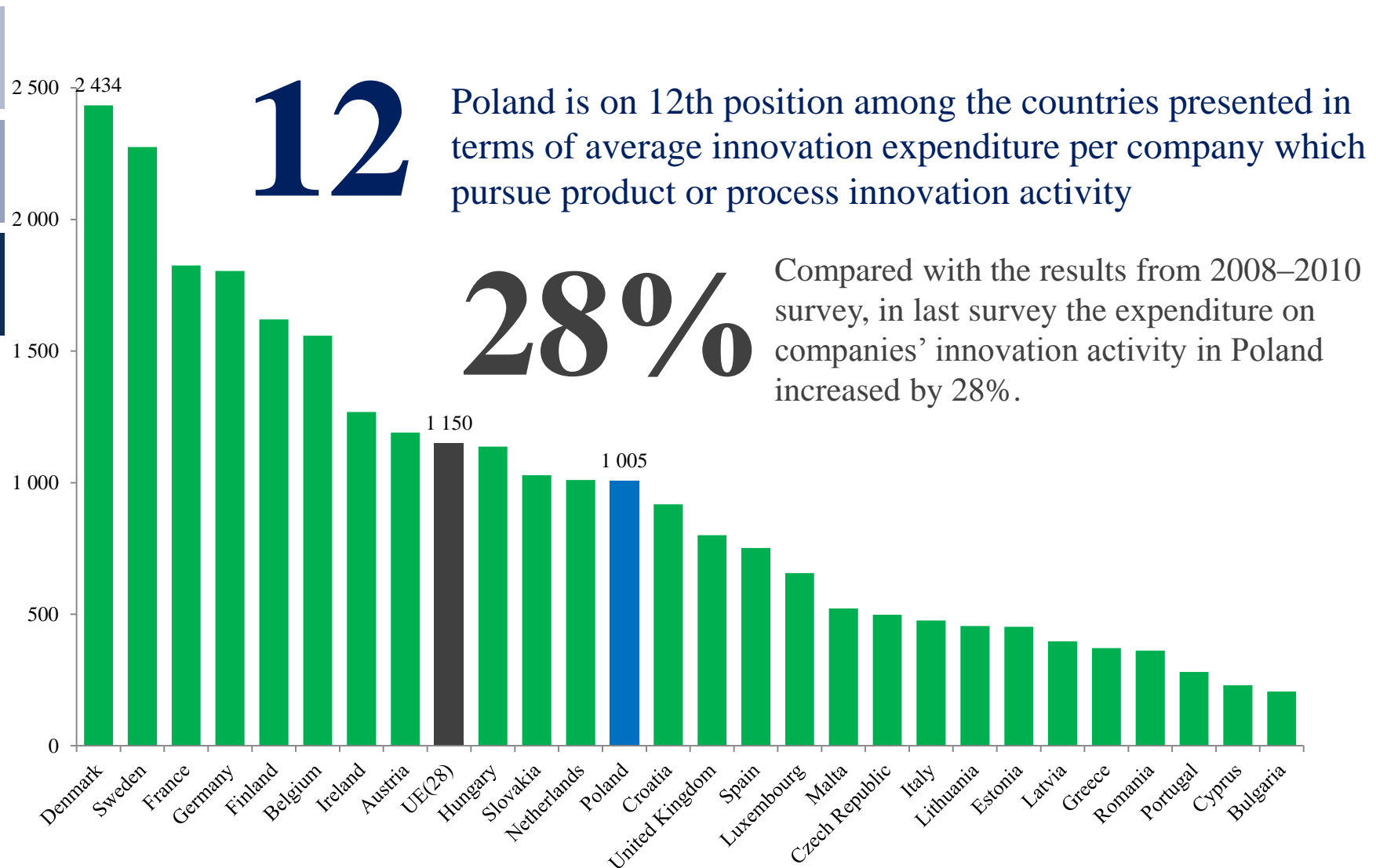
# The share of innovative enterprises in Poland and the EU, 2012 (% of all enterprises)

The level of innovation active enterprises in Poland in general and in other presented counties has dropped. Regardless of the level of development of their economies.



# Expenditure on innovation activity of enterprises

Total expenditure per enterprise pursuing innovation activity in the area of (product and process) technological innovations per company size in 2012 (EUR thousand).

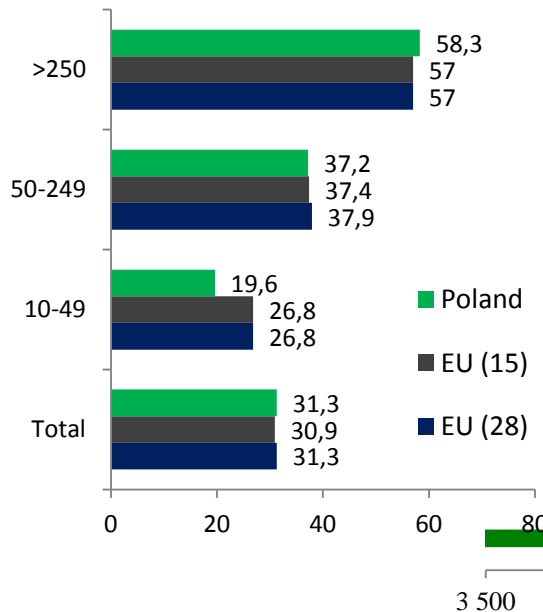


# Cooperation in terms of innovation and source of information for innovation

Proportion of enterprises pursuing external R&D activity is much lower than in the case of internal activity.

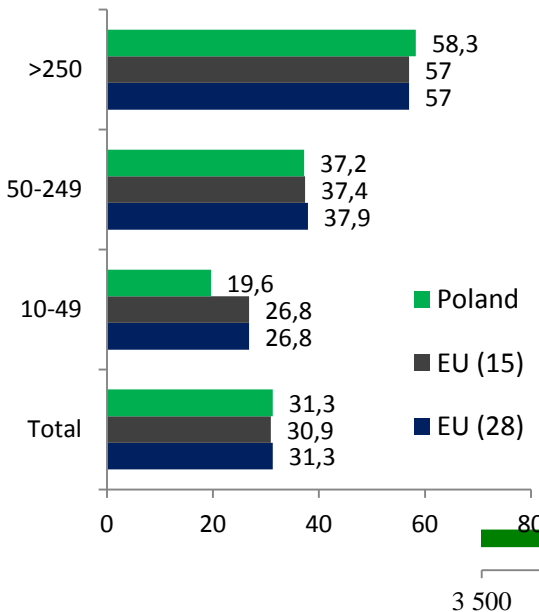
Average expenditure on external and internal R&D activity per enterprise pursuing such an activity in selected countries in 2012 (EUR thousand)

Cooperation between enterprises in terms of innovation in the breakdown by enterprise size



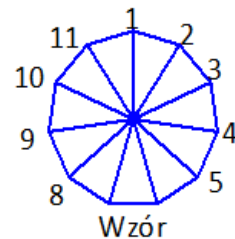
Source: Eurostat Statistics Database [inn\_cis8\_coop]

Eurostat Statistics Database [inn\_cis8\_exp], [inn\_cis8\_exp]



# Innovation activity of enterprises presentation in the form of star plots

## Main area concerns innovation activity of enterprises in selected European countries



Austria



Belgia



Bułgaria



Chorwacja



Cypr



Estonia



Grecja



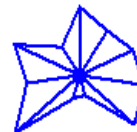
Holandia



Litwa



Malta



Niemcy



Polska



Portugalia



Słowacja



Szwecja



Węgry



Włochy

### Legend of clockwise:

1. Average in-house R&D expenditure.
2. The share of companies pursuing an internal R&D activity.
3. Total expenditure per large enterprise pursuing innovation activity in the area of (product and process) technological innovations (regardless of marketing or organizational innovation) in the breakdown by company size in 2012.
4. Total innovation activity expenditure per company in general.
5. Sales value of goods new to a company.
6. Sales value of goods new to a market.
7. Enterprises cooperating with other entities in general.
8. **The share of companies pursuing innovation activity in general (%).**

# Micro-entrepreneurs' associations with the term "innovative company"

N=1277

1 0,9

Most, almost 23% of respondents, identify the innovation of their company with modernity, moving with the times and prospective thinking.



- modernity, the future, moving with the times
- new technologies
- development and improvement of the enterprise
- new products and services
- innovative solutions
- new ideas
- no opinion
- other
- pro-client
- competitive



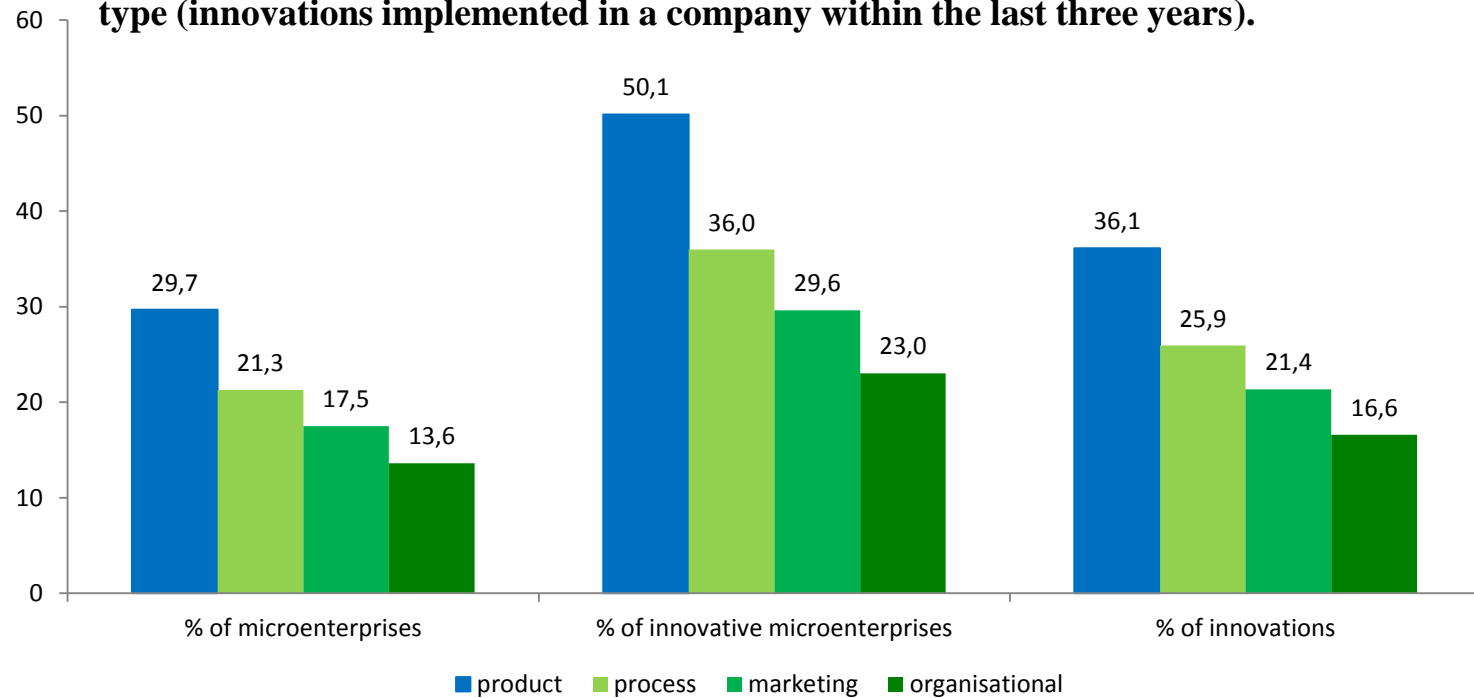
Source: own study based on the survey on the innovativeness of micro-enterprises in Poland carried out by PARP in 2014.



## Innovation of micro-enterprises by type of activities

**60%** Within the last three years, almost 60% of micro-enterprises have introduced innovations in the company.

Activity in the area of innovation of micro-enterprises according to the innovation type (innovations implemented in a company within the last three years).



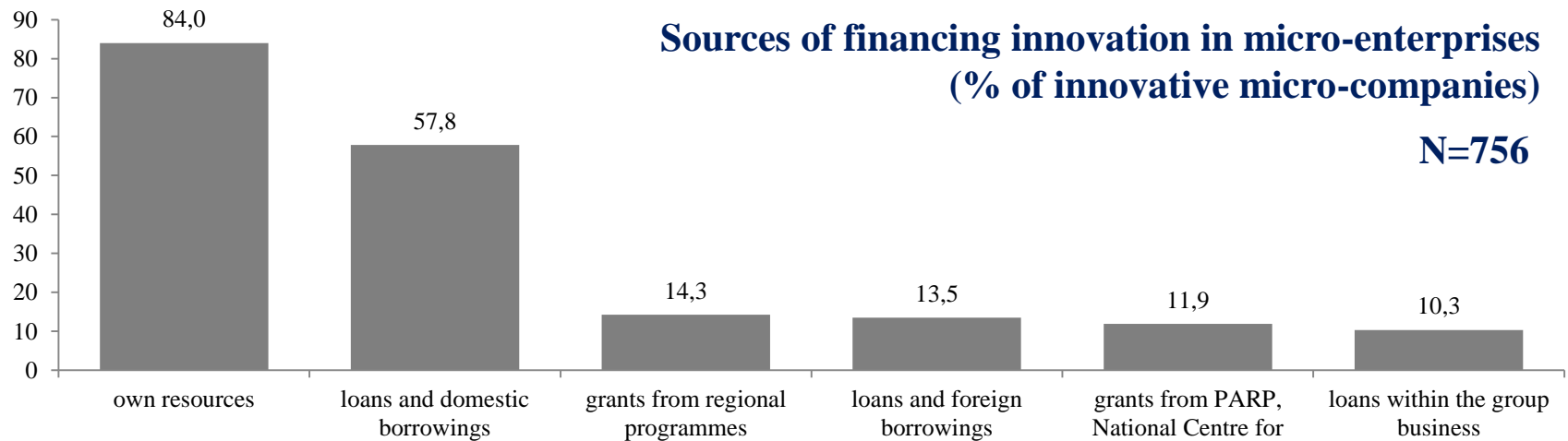
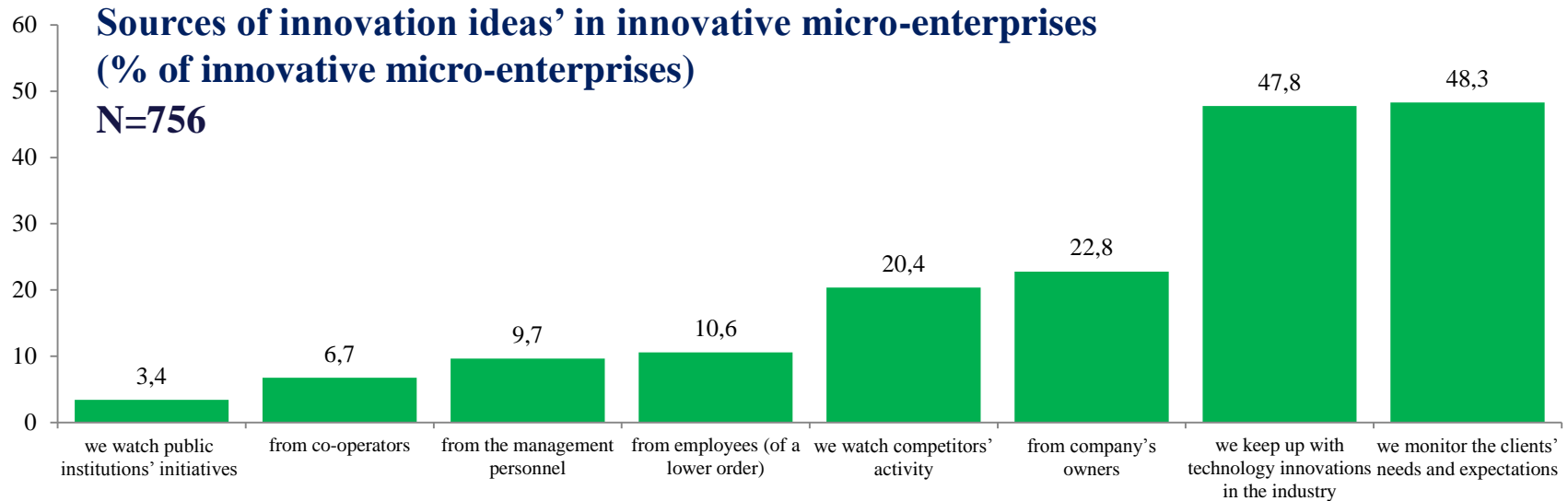
N=1277 for micro-enterprises, N=756 for micro innovative enterprises, N= 1049 for all innovations

The data come from multiple-response questions – the percentages do not add up to 100.

Source: own study based on the survey on the innovativeness of micro-enterprises in Poland carried out by PARP in 2014.

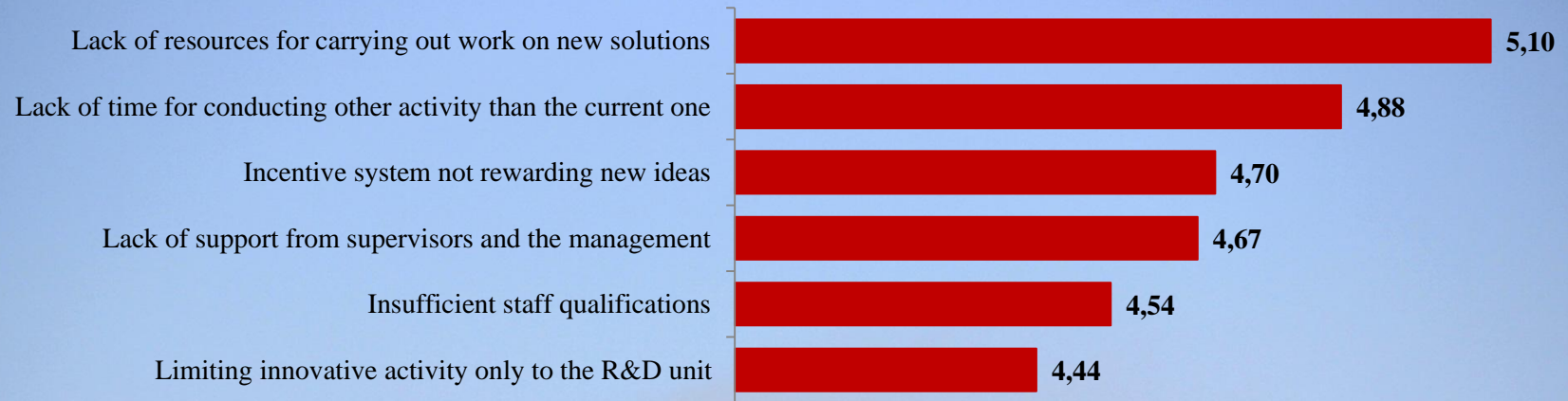
# Where to go hunting – the sources of innovation ideas, how to finance them and is it worth at all?

15th May 2015, Warsaw



## Barriers to the innovativeness of enterprises according to micro-entrepreneurs

(the average of responses on a scale of 1-7, where 1 – this is not a barrier, 7 – a very significant barrier)

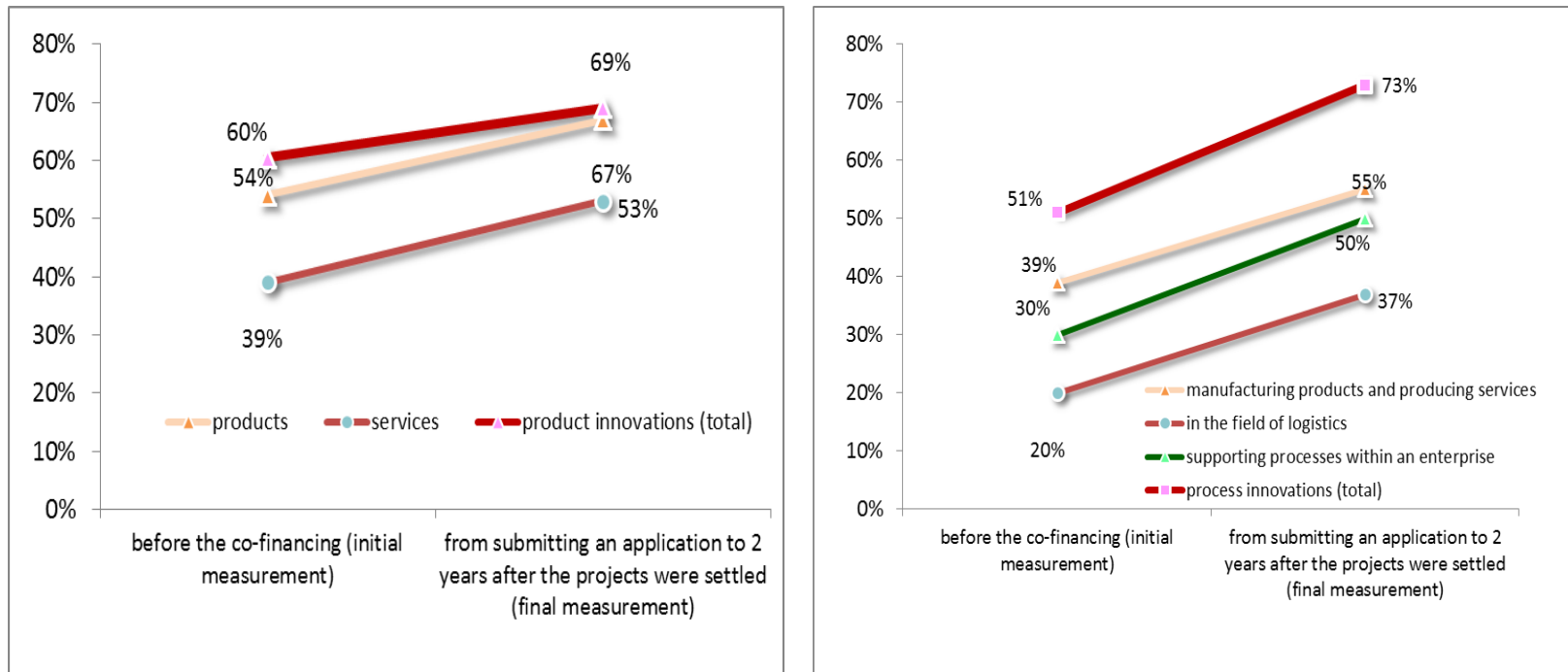


## THE INNOVATION BAROMETER

### – on-going evaluation of the OP IE

**Number of companies introducing this type of innovations had increased by 43 p.p. from 51% of all beneficiaries introducing process innovations before receiving the co-financing to 73% after receiving the co-financing (2 years after the projects were settled)**

OP IE beneficiaries implementing product and process innovations



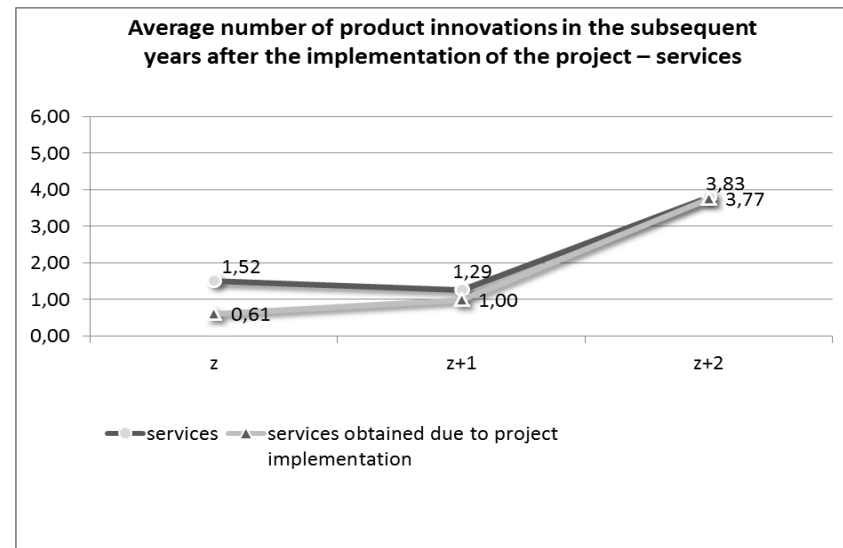
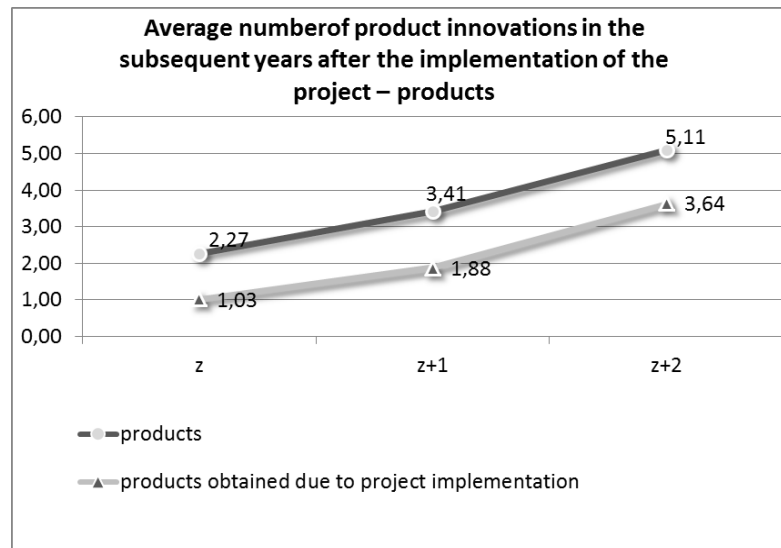
Source: THE INNOVATION BAROMETER – on-going evaluation of the OP IE Measures addressed to enterprises (outcomes of the final measurement following 7 editions of the survey, 2011–2014; the presented data concern Measures 1.4–4.1, 4.2, 4.4, 5.4.1, 6.1 and 8.2 of the OP IE, n=1347).

# THE INNOVATION BAROMETER

## – on-going evaluation of the OP IE

The highest increase was noted in the second year after the project was settled

The average number of introduced product innovations (in the post-financing period)

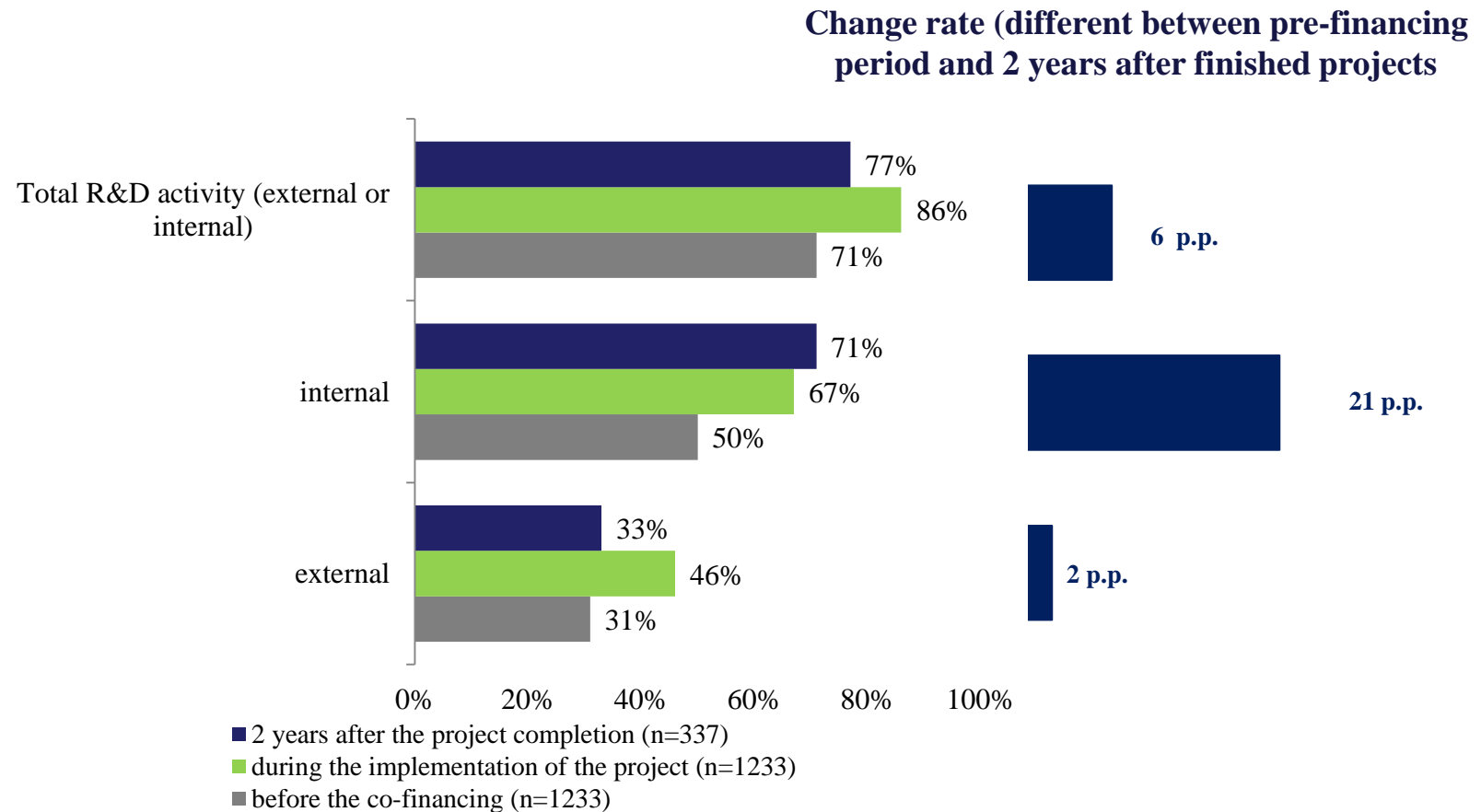


Źródło: BAROMETR INNOWACYJNOŚCI – ewaluacja on-going Działań PO IG skierowanych do przedsiębiorstw (wyniki pomiaru końcowego po 7 edycjach badania, 2011-2014; dane na wykresach dotyczą Działań 1.4-4.1, 4.2, 4.4, 5.4.1 i 8.2 PO IG, n=775).

# THE INNOVATION BAROMETER

## – Building capacity for future innovation

Two years after completion of projects (compared with the pre-financing period) the number of companies conducting research and development activity increased by 6 p.p. (from 71% to 77%).



**Thank you for your attention!**

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