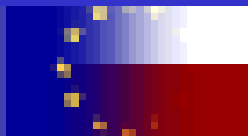


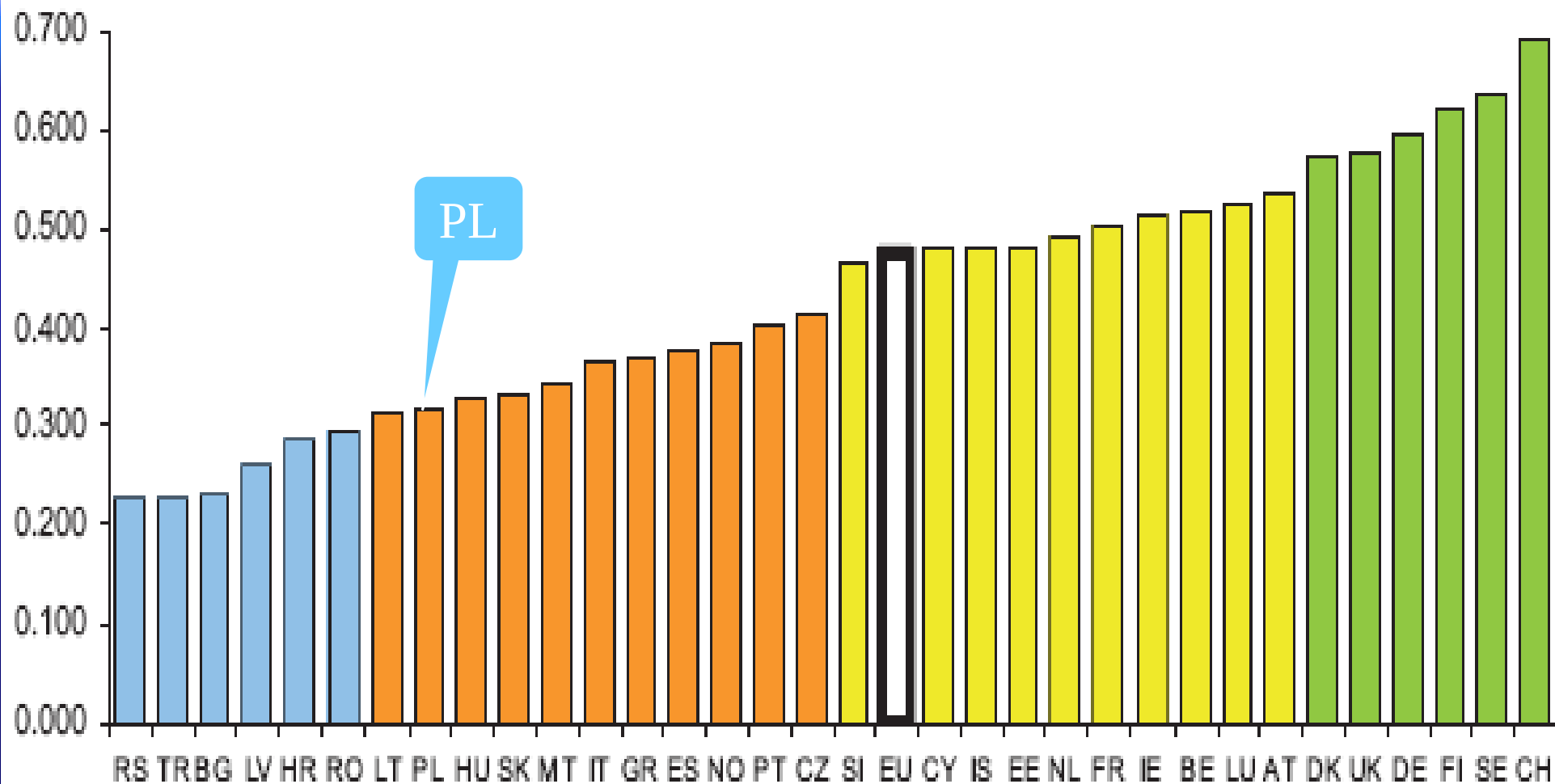
„Cooperation between public and private sector – Polish experience”

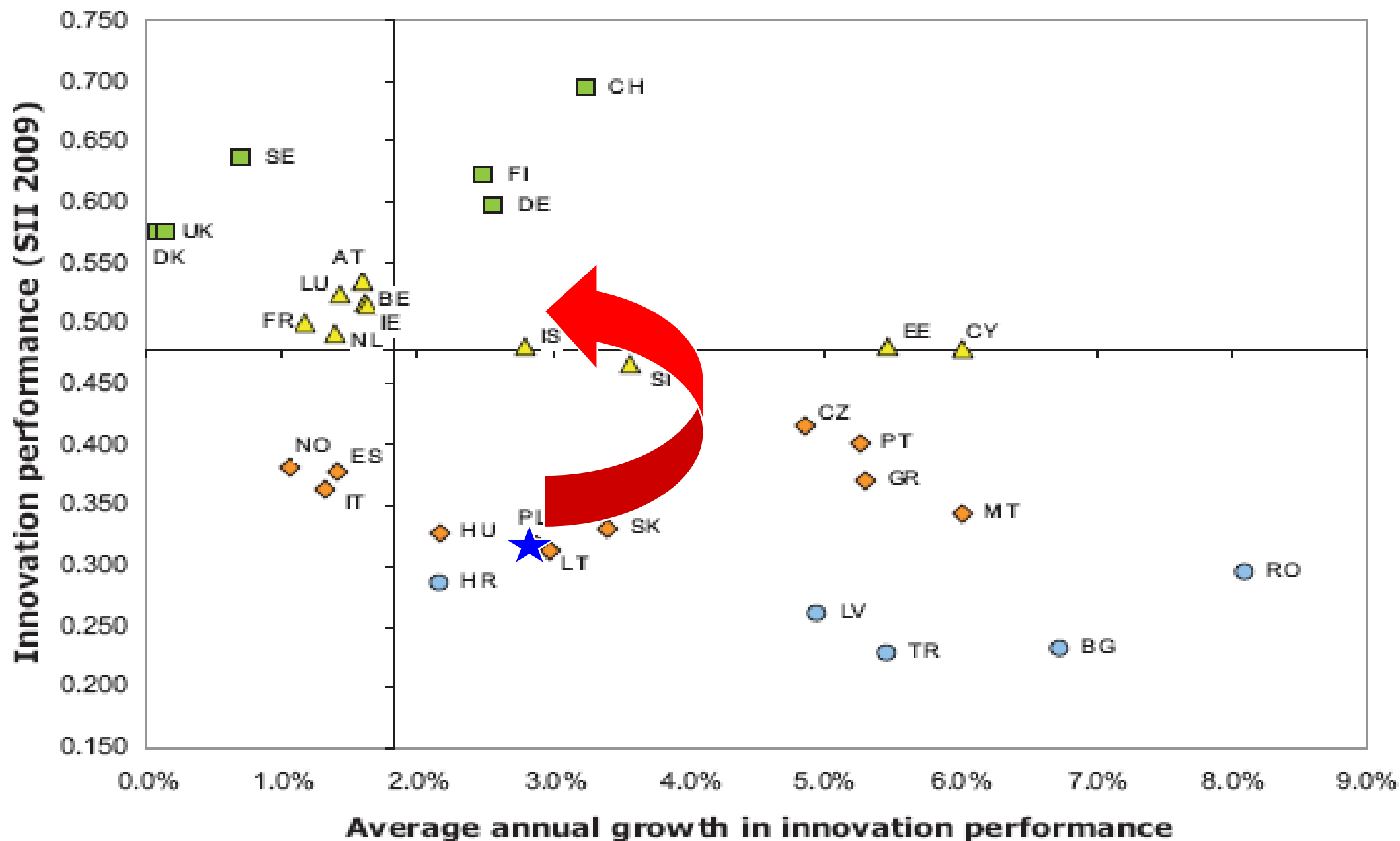
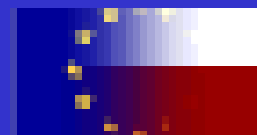
Sylvia Waśniewska
Deputy Director
Economy Development Department
Ministry of Economy
Poland

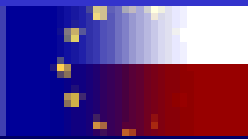
„Roundtable on OECD Innovation Strategy” - Prague, 31.03.2010



2009 Summary Innovation Index (SII)

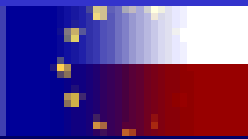






Innovation policy challenges

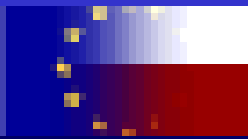
- Weak cooperation of R&D sphere with the economy
- Lack of awareness that innovation is a key driver of competitiveness
- General unwillingness to cooperate with others
- Low R&D and innovation spendings
- Weak business support institutions
- Human capital not adjusted to the needs of economy (more S&T graduates needed)
- Weak use of IPR



OECD Polish policy mix for innovation – peer review

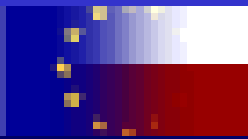
Main recommendations:

- strengthen the science and technology base
- introduce fiscal incentives for R&D and create entrepreneur-friendly environment
- foster industry-science linkages
- strengthen human resources for science and technology
- improve the governance of the innovation system on the national level



Foster industry-science linkages – OECD recommendations

- Improve the regulations that govern public-private partnerships (PPPs) for R&D and innovation by granting actors more flexibility and autonomy in the management and financing of PPPs
- Rationalise the number of intermediary institutions by linking public support for the institutions closer to performance
- Continue the process of decentralisation of innovation measures to regional actors, but tie these efforts to reporting requirements and independent evaluation
- Non-governmental actors play an important role in linking public and private research and should be encouraged
- Encourage capacity building for the management of intellectual property rights in universities, focusing on the strongest research performers

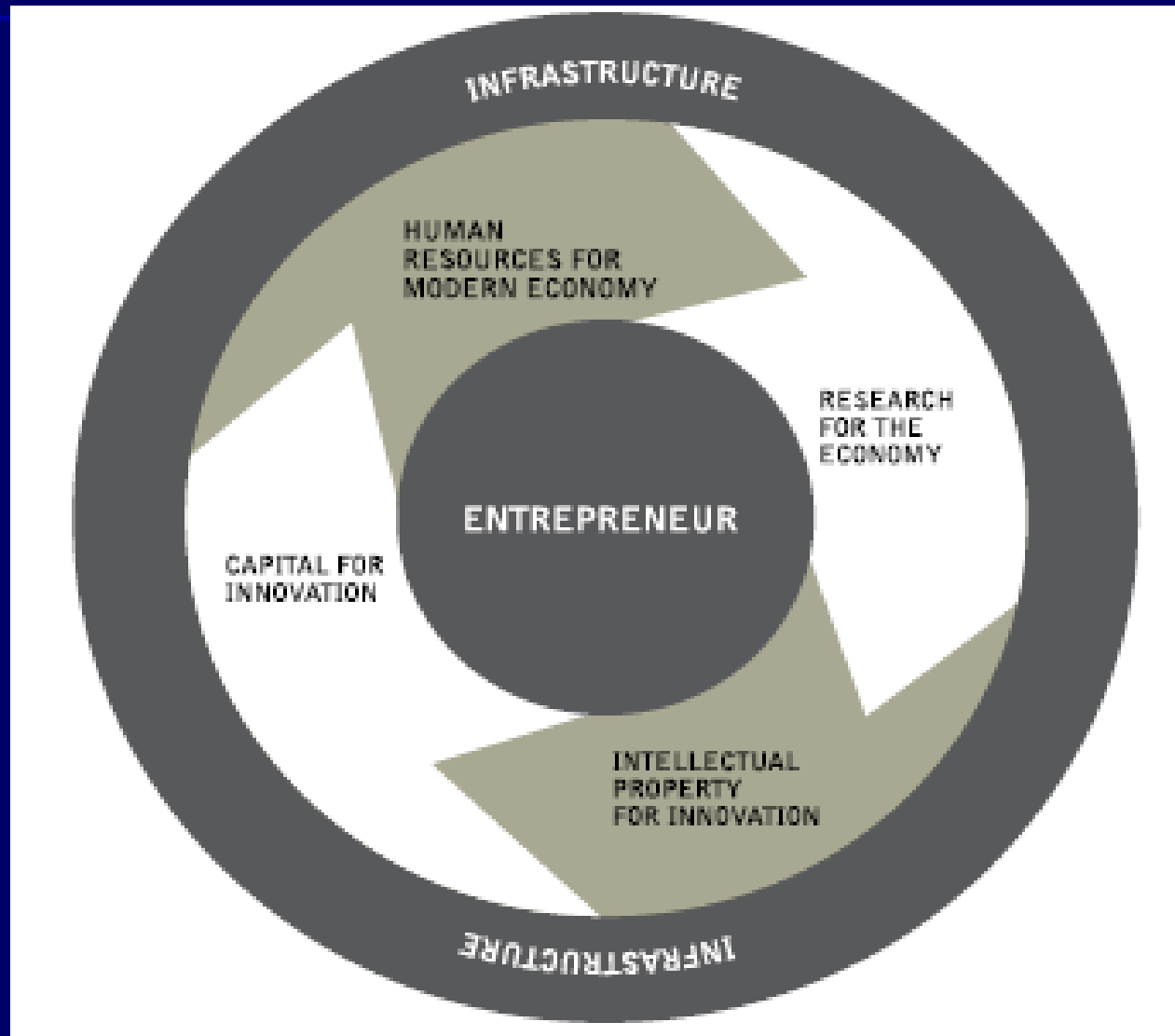


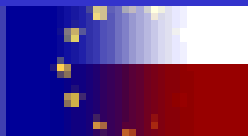
Barriers on R&D units and business cooperation

- Stereotypes (scientists – far from market, entrepreneurs – not interested to extend the knowledge)
- 20% of enterprises don't know about the possibility of cooperation with R&D units
- 40% of entrepreneurs never tried to cooperate with R&D units
- 40% of entrepreneurs don't know how to reach R&D units
- 56% of enterprises don't see such a need
- Why don't they cooperate? – 38% lack of incentives, 33% too high price of R&D services, 28% lack of offers of cooperation, 27% lack of information, 22% scientists don't know my reality etc.

Strategic response

– Polish Innovation Strategy 2007-2013





Support for cooperation of R&D units and industry 1/5

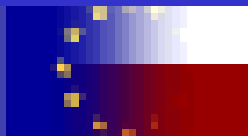
OPERATIONAL PROGRAMME INNOVATIVE ECONOMY 2007-2013

■ Action 1.3.1 Development projects

- huge research projects conducted by research units with the high potential of commercialisation, addressing the needs of the economy or a specific social need
- allocation 343 155 698 € (for action 1.3 including also supporting the protection of IPR created by research units)
- available funding - up to 85%

■ Action 1.4 together with action 4.1 Support for goal oriented projects

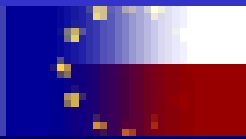
- phase I (1.4) – industrial research, development works,
- phase II (4.1) – preparation for the implementation (prototype) and implementation itself
- allocation 390 352 176 € (1.4) and 390 000 000 € (4.1)
- available funding - up to 85%



Support for cooperation of R&D units and industry 2/5

- **Action 5.1 Support for cooperative relations on a supra-regional scale**
 - support for networking of enterprises, together with business support institutions and research units, support for clustering aimed at cooperative creation of new product or service and its implementation
 - allocation 104 300 000 €,
 - available funding - up to 85%

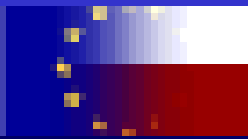
- **Action 5.2 Support for business support institutions rendering proinnovative services and their networks on a supra-regional scale**
 - support for the development of support institutions providing services to enterprises related to innovative projects and possible cooperation with research units
 - allocation 65 700 000 €,
 - available funding - up to 85%



Support for cooperation of R&D units and industry 3/5

■ Action 5.3 Support for innovation centres

- support for entities located in the area with the greatest growth potential rendering services concerning the implementation of new technologies and innovations and for scientists starting up their innovative activity (support for scientific parks, technology incubators, technology transfer centers) –
- allocation 189 997 647 €,
- available funding - up to 85%



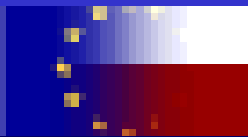
Support for cooperation of R&D units and industry 4/5

■ **Innovation voucher**

- support for initializing contacts between micro/small enterprises and research units for the purchase of R&D services concerning the development or implementation of technology/innovation
- one voucher around 3,75 thousand € (100% of eligible costs covered)
- allocation 7 500 000 € for 2008-2010

■ **Initech**

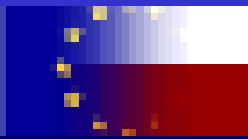
- financing research and development works of research units, enterprises and science-business consortia aimed at:
 - practical implementation in the economy (financing up to 100%)
 - preparing to the implementation/prototyping (financing up to 90%)
 - purchase of advisory services (financing up to 85 %)
- allocation 43 000 000 € (starting from 2007 up to now)



Support for cooperation of R&D units and industry 5/5

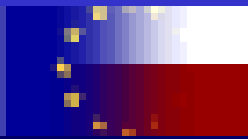
■ **Creator of innovativeness**

- project for academia on supporting its cooperation with the economy on:
 - creating the systems of commercialisation of modern technologies
 - preparation and implementation of the procedures concerning the management of IPR at the university
 - creating the databases on the results of R&D conducted at the university
 - education activity on the knowledge commercialisation and technology transfer
 - purchase of advisory services and of equipment serving above mentioned goals
- eligible costs – up to 90%
- allocation – 4 000 000 € (2010), each year quite similar



Further actions

- Raising awareness among entrepreneurs and science (advantages from cooperation with each other)
- Comprehensive reform of science and higher education (enhancing pro business approach)
 - Flow of funds dependent on the performance
 - More research for economy and technology transfer
 - Focus on young researchers
 - Universities binded with entrepreneurs
 - More business and innovation in school programmes



Thank you for your attention!

Sylwia.Wasniewska@mg.gov.pl