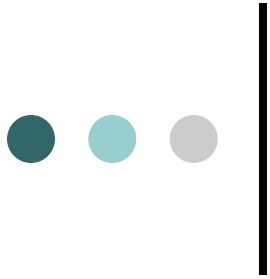




The Polish innovation support system





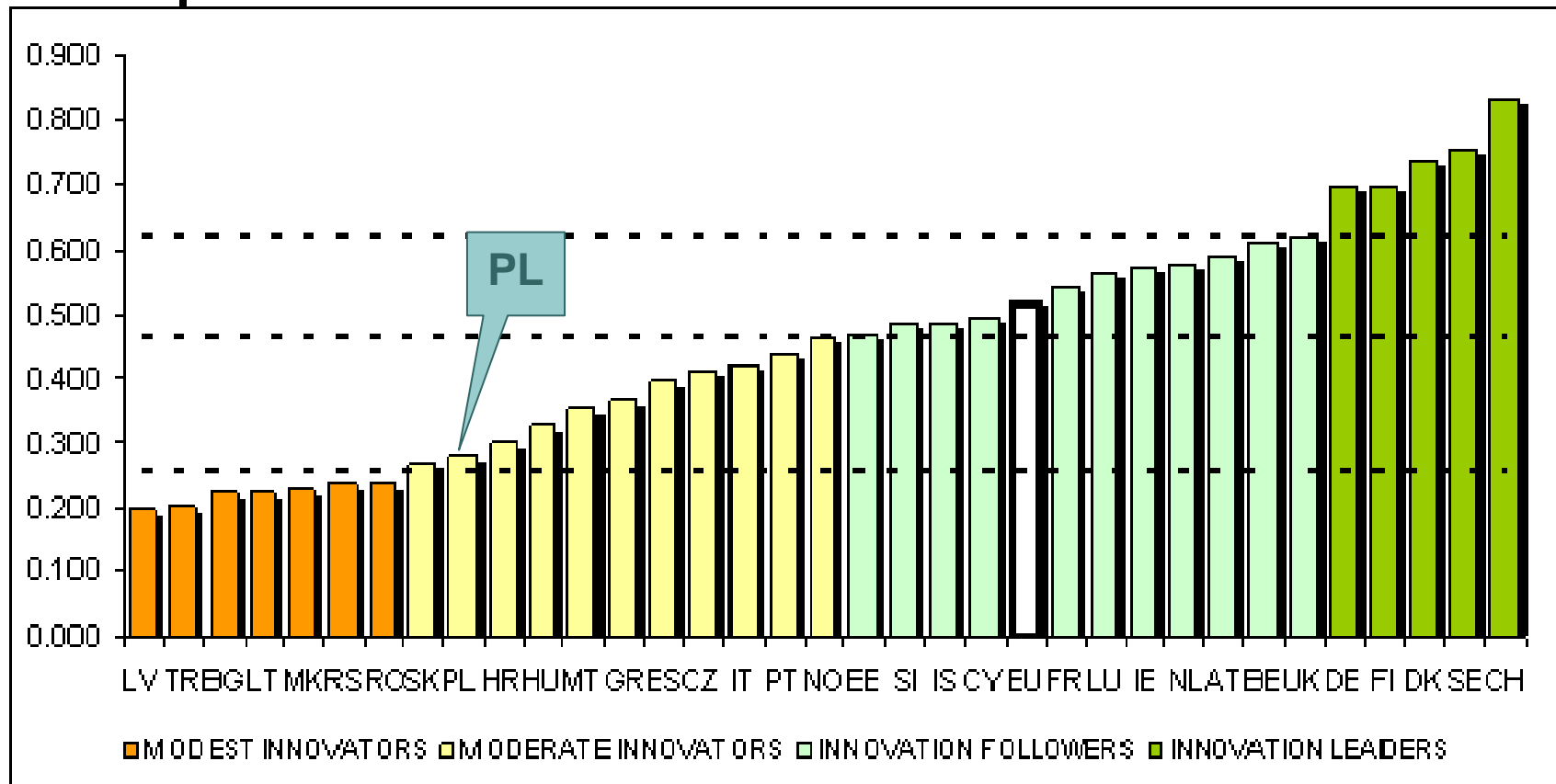
Before 2004

There was no special support system

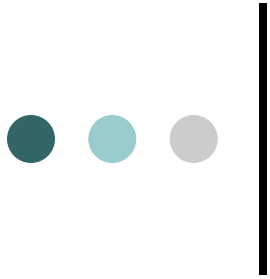
barriers:

- High costs of technology investments - restricted access to external financing sources, in particular for SMEs
- poorly developed infrastructure, commercialization of R & D
- high risk of investing in innovation
- low interest in cooperating research institutions and enterprises and vice versa
- difficulties in accessing the innovative solutions developed by the realm of science - the lack of information
- low awareness of the crucial role of innovation

Poland compared to other EU countries on the basis of Summary Innovation Index 2010



Source: Pro Inno Europe, Inno-Metrics, Innovation Union Scoreboard 2010.
 The Innovation Union's performance scoreboard for Research and Innovation, February 2011.



INNOVATION SUPPORT SYSTEM IN POLAND AFTER 2004 - FOR BETTER PERFORMANCE





● ● ● | **System of support – nowadays...**

- **Programmes financed mainly by EU funds**
 - Operational Programme Innovative Economy
 - 9,7 billion EUR
 - Regional Operational Programmes - 4 billion EUR
- **Programmes funded by national budget**
(approx. 3 million EUR annually)
 - Law of some forms of supporting innovation activities
 - Polish Agency for Enterprise Development programmes



Operational Programme Innovative Economy 2007-2013

- **Capital for innovation** – support for new/young innovative companies (340 million EUR)
- **Investments in innovative enterprises** – support for existing companies in their innovative activities (3 429 million EUR)
- **Diffusion of innovation** – funds for business support institutions (398 million EUR)



Example

Phase I – R&D
funding in the
company



Phase II – funding of
the implementation of
R&D in the company



INNOVATION IN POLAND NEW CHALLENGES



The long-term innovation policy objectives in Strategy Europe 2020

Indicator	Poland 2009	Poland 2020	EU 2020
R&D expenditures relative to GDP (%)	0,68 (unofficial data)	1,7	3
Percentage of people aged 30-34 who graduated from higher education institution (%)	32,8	45	40



NEW STRATEGY FOR INNOVATION (1/2)

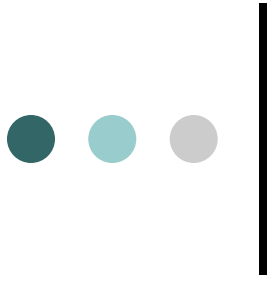
MAIN GOAL

Highly competitive economy
(innovative and effective)
based on the knowledge and cooperation



NEW STRATEGY FOR INNOVATION (2/2)

- Not renewal of potential but its increase
- Global challenges, including the development of low-emission economy
- Radical innovation = high risk
- Stimulation of private investments
- Promoting technologies and areas with the highest growth potential



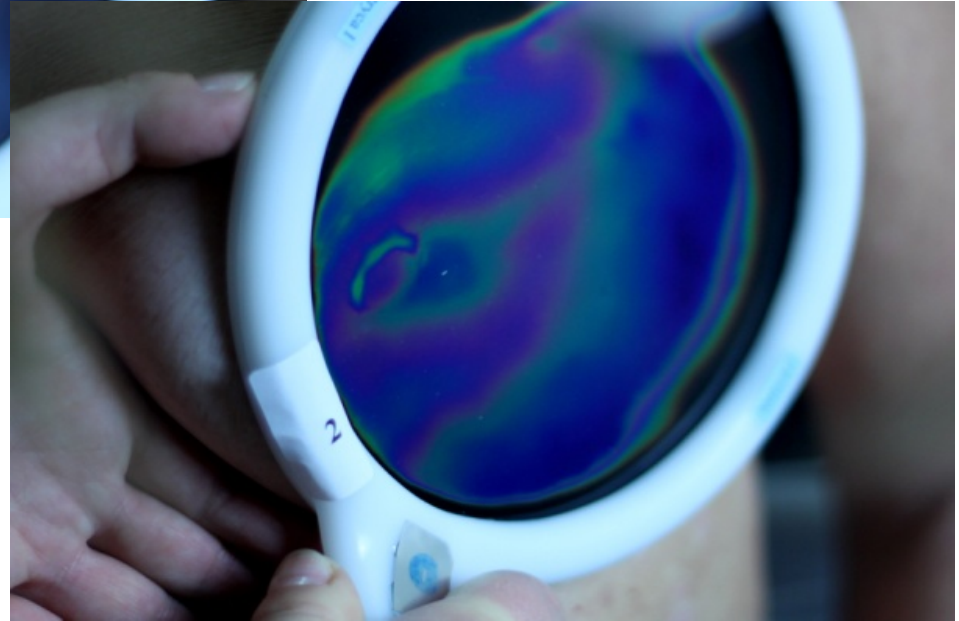
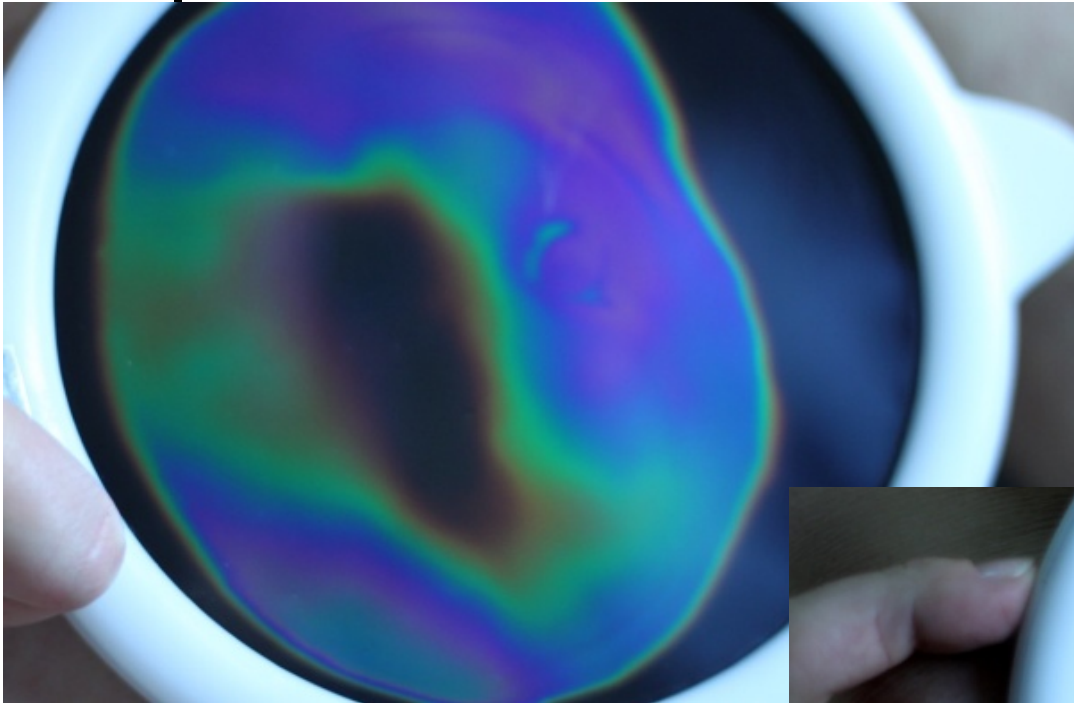
BEST PRACTICES

ESTER- system for remote control of rail traffic



BrestLifeTester – LCD matrix for breast examination

-
-
-





GEnX-2B – engine for Boeing 747-8



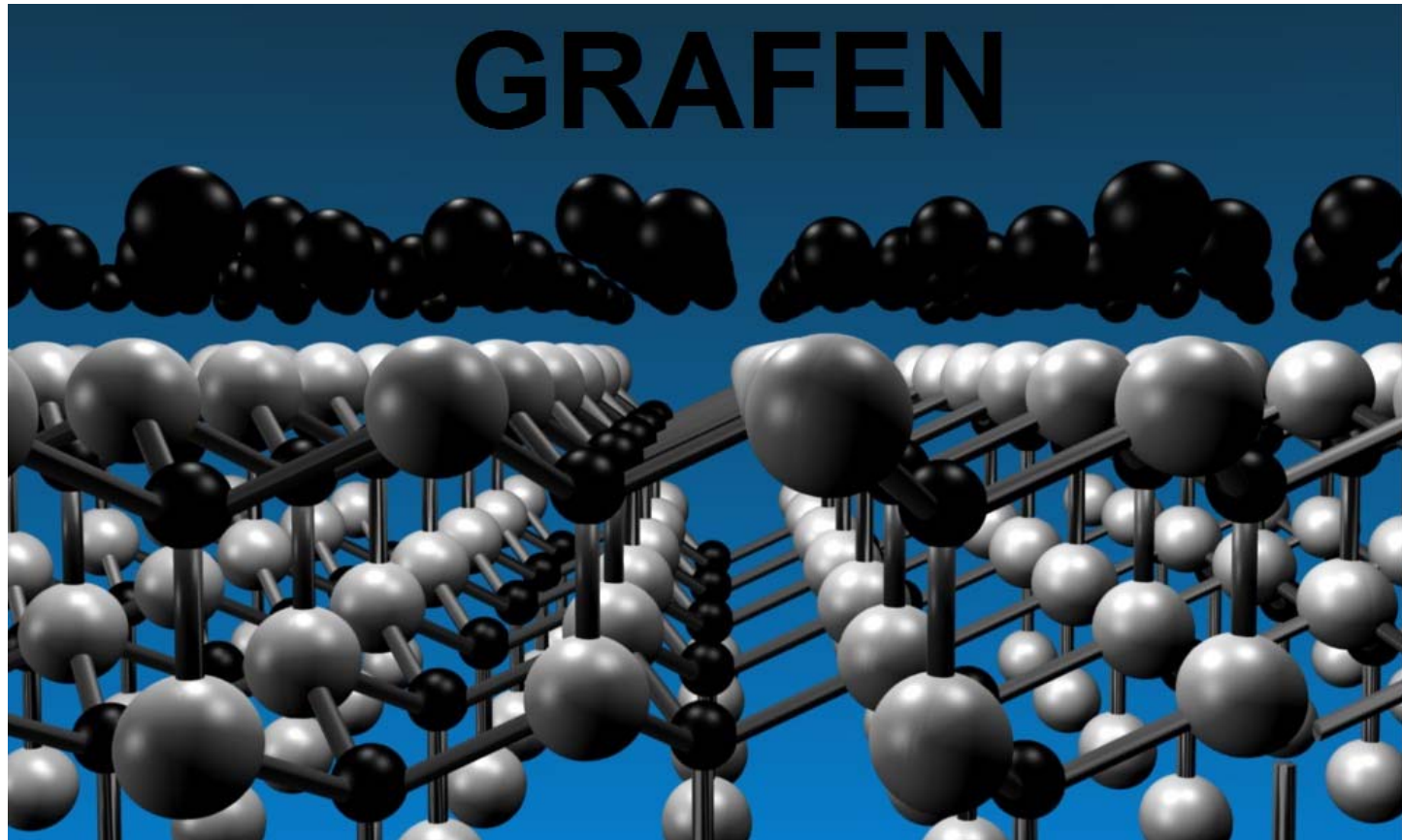
PROTEUS – anti-terrorist robot



Photo: http://www.antyterroryzm.com/dla_prasy_zdjecia.php



Towards Graphene Valley





**THANK YOU FOR YOUR
ATTENTION**