The Polish innovation support system
Before 2004

There was no special support system

barrier:s

• 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

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

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Poland 2009</th>
<th>Poland 2020</th>
<th>EU 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>R&amp;D expenditures relative to GDP (%)</td>
<td>0,68</td>
<td>1,7</td>
<td>3</td>
</tr>
<tr>
<td>(unofficial data)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percentage of people aged 30-34 who graduated from higher education institution (%)</td>
<td>32,8</td>
<td>45</td>
<td>40</td>
</tr>
</tbody>
</table>
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.antityrroryzm.com/dla_prasy_zdjecia.php
Towards Grapfene Valley
THANK YOU FOR YOUR ATTENTION