

Annual Conference of Competitiveness Operational Programmes

Polish Operational Programme Innovative Economy – state of play and the new programming period

Marcin ŁATA

Budapest, 7 November 2013



INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY



MINISTRY OF REGIONAL DEVELOPMENT

EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND



Polish Operational Programme Innovative Economy state of play



INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY



MINISTRY OF REGIONAL DEVELOPMENT

EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND



The areas of innovation support in OP IE (1)

The main objective of OP IE :

- increase of innovation of enterprises,
- rise of competitiveness of Polish science,
- increase of the role of science in economic development,
- increase of innovative products of Polish economy on the international market,
- creation of better and stable jobs,
- rise of using information and communication technologies in economy.

Types of beneficiaries :

- entrepreneurs,
- scientific institution,
- universities,
- government bodies.



The current status of OP IE implementation (2)

- **More than 43 195 applications formally correct**
 - total value of applications: **24,6 bln EUR**
 - **244%** of Programme allocation
- **14 116 contracts signed**
 - total value of contracts: **9,3 bln EUR**
 - **92%** of Programme allocation
- **In 20 out of 36 measures the whole allocation has been distributed**

The current status of OP IE implementation (3)

- **7 194 contracts finalized**
 - total value of finalized contracts: **2,09 bln EUR**
 - 21% of Programme allocation
- **5,1 bln EUR paid to beneficiaries**
 - 50% of Programme allocation
- **5,2 bln EUR certified to the European Commission**
 - 52% of Programme allocation



The current status of OP IE implementation (4)

The estimated products and results of OP IE

- **44 000** new jobs created
- **11 155** enterprises supported (10 833 SME's)
- **890** scientific entities engaged in projects
- **11 300** scientists engaged in projects
- **4 400** new products and services introduced in enterprises
- **1 200** new technologies implemented in enterprises
- **550** enterprises implemented results of R&D studies
- **1 800** new innovative ideas incubated
- **300** start-ups created



The current status of OP IE implementation (5)

The estimated products and results of OP IE:

- **700** laboratories built or modernized
- **4 000** scientific studies conducted in supported laboratories
- **11 500** enterprises using the supported laboratories
- **4 300** new e-services launched to the market
- **2 500** new systems of B2B services created
- **24 000** enterprises using the B2B systems
- **175 000** households granted access to broadband infrastructure

Best practice

Projects co-financed by OP IE



INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY



MINISTRY OF REGIONAL DEVELOPMENT

EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND



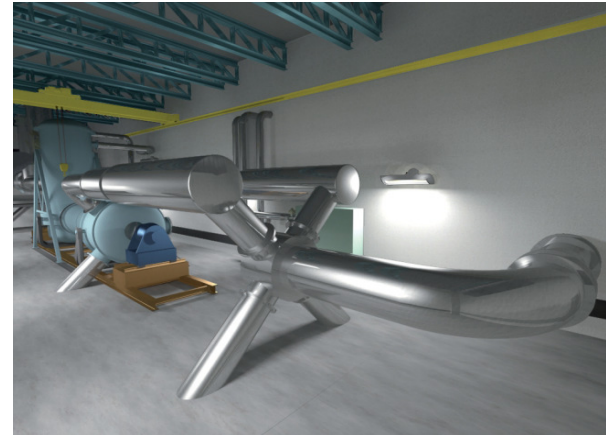
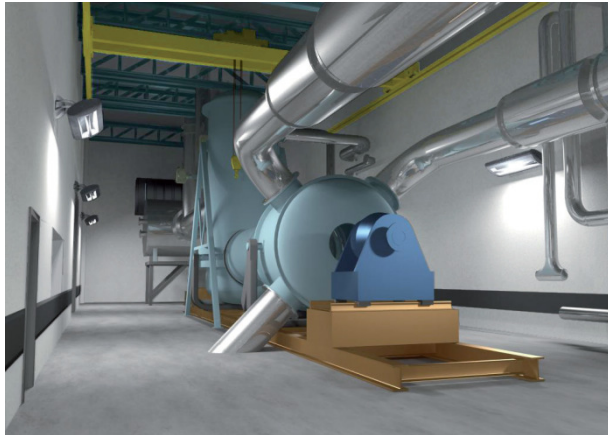
The Cold Flow Turbine Test Facility

by: Warsaw University of Technology and Military University of Technology and Avio Aero
and Military Aircraft Works No. 4 SA

Project value: PLN 188,8 million

EU-cofinancing: PLN 160,4 million

Time frame: 01.09.2008-31.12.2014



The aim of the project is to build the most modern laboratory of its kind worldwide, which will be used to carry out testing of new-generation engine turbine prototypes as well as technological demonstrators used in the construction of aeroengines.

BreastLife – innovative liquid-crystal thermography breast cancer tester (PKWiU number 33.40.23, liquid-crystal devices)

by: Braster S.A.

Project value: PLN 1,9 million (Measure 1.4), PLN 2,8 million (Measure 4.1)

EU-cofinancing: PLN 670 thousand (Measure 1.4); PLN 1,1 million (Measure 4.1)

Time frame: 01.03.2010 – 31.12.2012



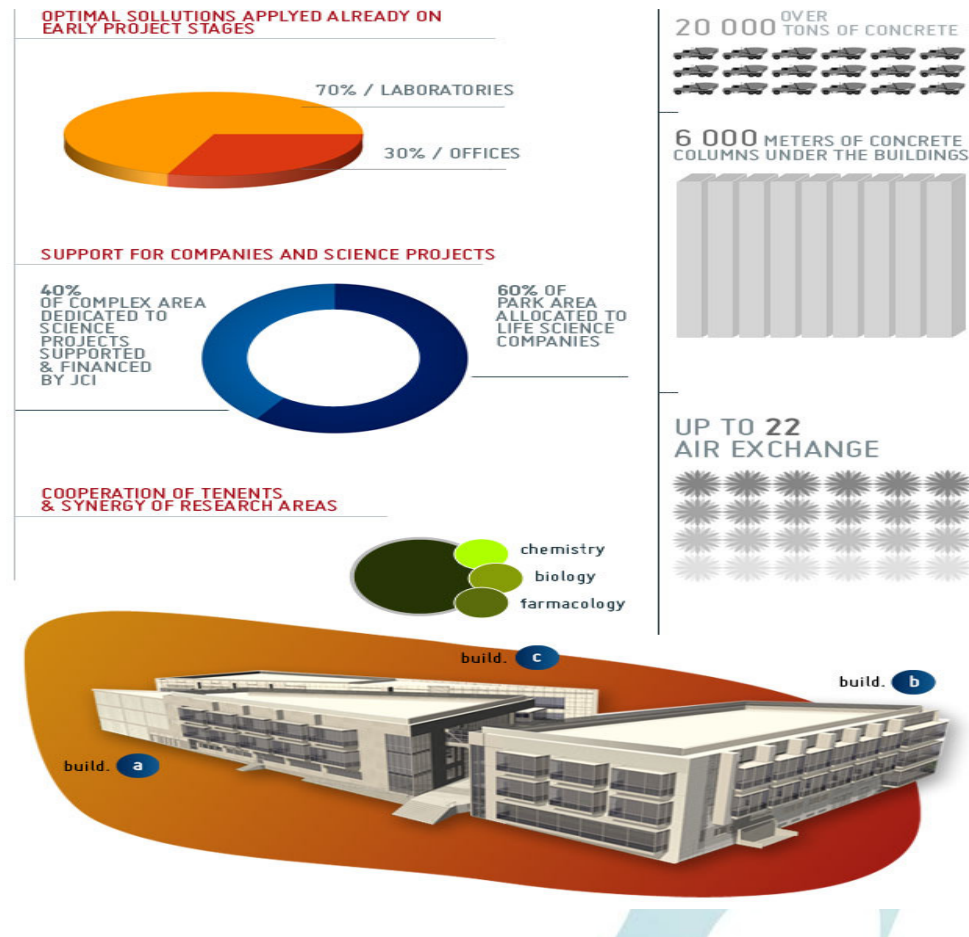
The Braster tester, a small device which resembles a magnifying glass with a screen instead of a glass pane, allows for the detection of a lesion before cancer develops into a tumor. It can therefore be used for very early diagnosis of breast cancer. One of the most significant assets of the tester is its absolute safety, as the test may be repeated any number of times without any detrimental effects to the woman's health. Braster is thus the perfect complement to other diagnostic techniques such as breast mammography, USG or self-examination.

Expansion of the Jagiellonian Technology Park and Incubator - Life Science

by: Jagiellonian Center of Innovation Ltd (JCI)

Project value: PLN 126,1 million
EU-cofinancing: PLN 71,2 million
Time frame: 01.04.2008 - 01.12.2013

Life Science Park is a complex designed exclusively with the aim to create the optimum environment for the growth of life sciences.



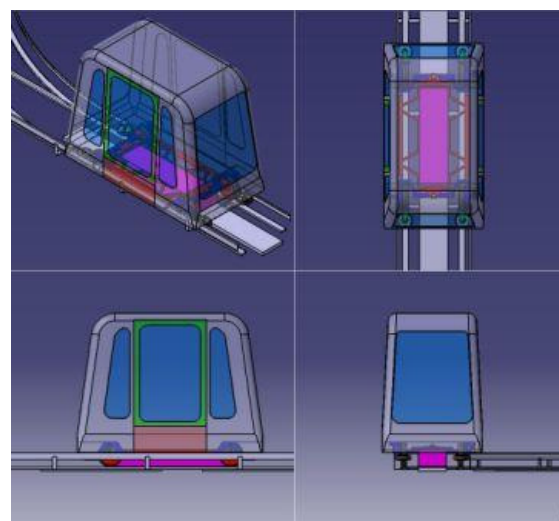
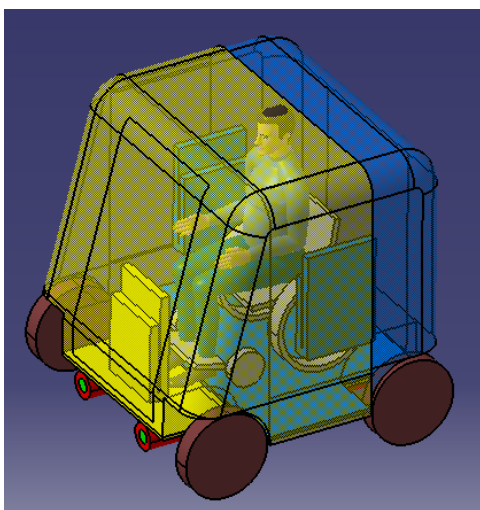
Eco-Mobility

by: Warsaw University of Technology, Department of Transportation

Project value: PLN 27, 9 million

EU-cofinancing: PLN 23, 4 million

Time frame: 1.10.2009 - 31.01.2014



The project involves the development of environmentally compatible transport systems - local and personal for use by all users - including the elderly or the disabled.

Smart Growth Operational Programme, 2014-2020

The new programming period



INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY



MINISTRY OF REGIONAL DEVELOPMENT

EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND



Objectives and beneficiaries (1)

The main objective of *Smart Growth Operational Programme, 2014-2020* will be to stimulate innovation and competitiveness of the Polish economy, demonstrated mainly by increased private R&D expenditure.

The above objective will be achieved in particular by means of:

- Supporting enterprises in innovative and R&D sectors;
- Improving the quality and interdisciplinary reach of research;
- Increasing the degree of commercialisation and internationalisation of research.

Indicator	Base year value (2011)	2012	Target year value (2020)
Gross Domestic Expenditure on R&D to GDP (%)	0,77	0,90	1,7
Business Expenditure on R&D to GDP (%)	0,23	0,29	0,6-0,8

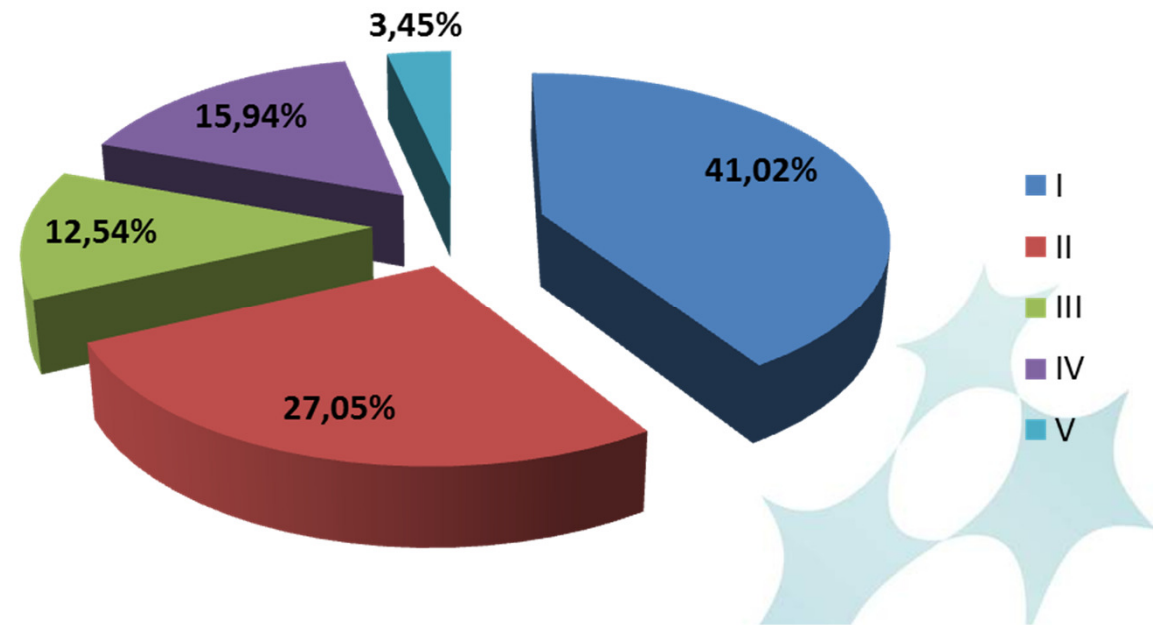
Types of beneficiaries: enterprises (esp. SME), research units, business environment institutions and different forms of their cooperation (clusters, technology platforms, consortia).

SG OP architecture and allocation (2)

Priority axes of SG OP:

- I. Support for R&D of enterprises and scientific-industrial consortia.
- II. Support for innovation in enterprises.
- III. Supporting the environment and potential of innovative enterprises.
- IV. Increasing the potential of research institutions.
- V. Technical assistance.

Estimated breakdown
of SG OP allocation
into priority axes (%)



Main assumptions of SG OP (3)

- Support for the whole cycle of innovation (from idea to market) - research, experimental development and industrial research, financing pilot/demonstration lines and transfer of new solutions to enterprises.
- Support for internationalisation of enterprises and their new products.
- Concentration on R&D projects in enterprises.
- Closer cooperation between business and science – priority given to research projects with a high commercialisation potential.
- Focus on thematic areas defined in smart specialisation strategies.
- Focus on using the existing infrastructure and consolidating the potential of research units and business environment institutions.
- Two main forms of support:
 - grants (for R&D and innovation projects),
 - financial instruments (for the implementation of R&D results and the development of capital market).

Support for enterprises in SG OP (4)

- Research and development projects in enterprises, implemented independently or in cooperation with external entities (other enterprises and research units)
- Implementation of R&D results in commercial activity of enterprises (financial instruments, i.a. technology loan, guarantee fund)
- Stimulating the activity of private investors in the field of R&D&I (Venture Capital, Business Angels)
- Creation and development of R&D infrastructure of enterprises
- Cooperation between enterprises in the area of sharing knowledge and creating innovation
- Protection of industrial property of enterprises
- Cooperation between science and business (innovation vouchers)
- Innovation-promoting services offered by business environment institutions
- Internationalisation of innovative enterprises
- Preparation for participation in international programmes (Horizon 2020, COSME)

Support for research institutons - IV axis SG OP (5)

- Financing of research:
 - Strategic research programmes,
 - Regional research programmes,
 - Research programmes of virtual institutes,
- Development of modern research infrastructure of the science sector (focus on Polish Roadmap for Research Infrastructure),
- Support for the creation of international research agendas,
- Development of R&D personnel.

Smart specialisation strategy (6)

Poland: smart specialisations at three levels:

NATIONAL LEVEL

Smart Growth Operational Programme

MACRO-REGIONAL LEVEL

The Eastern Poland Operational Programme

REGIONAL LEVEL

Regional Operational Programmes

Timetable (7)

- December 2013 – government proceedings on the programme
- 1st half of 2014 – negotiations with European Commission
- 2nd half of 2014 – preparation of implementation documents
- end of 2014 – SG OP kick-off

Thank you for your attention



INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY



MINISTRY OF REGIONAL DEVELOPMENT

EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND

