

# National Centre for Research and Development

**Director**

**Prof. J. K. Kurzydłowski**

**Center's Board**

**President Prof. J. Kącki**

## **Composition of the Board of the National Centre for Research and Development:**

10 members nominated by scientific circles

10 members nominated by socio-economic and financial circles

10 members nominated by ministers

and accepted by minister of Science and Higher Education

## **The National Centre for Research and Development is the implementing agency of the Minister of Science and Higher Education.**

It was appointed in the summer 2007 as an entity in charge of the performance of the tasks within the area of national science, science and technology and innovation policies.

Currently, it operates under the Act on National Centre for Research and Development dated 30 April 2010 (Journal of Laws from 2010, No. 96 item 616).

The science reform adopted in the autumn 2010 gave the Centre more freedom to manage its financial assets, within the scope of a strategic research programme.

**The main task** of the National Centre for Research and Development is management and execution of strategic research and development programs, which lead directly to the development of innovativeness.

Among the tasks of the National Centre for Research and Development, are the support of commercialization and other forms of transfer of scientific research results, the management of applied research programs and the performance of national security and defense projects

In addition, the National Centre for Research and Development extended its activity with new initiatives and possibilities on 1 September 2011.

Assigned by the Ministry of Science and Higher Education the function of the Mediation Institution in three operational programmes:

- Human Capital,
- Innovative Economy
- Infrastructure and Environment,

the Centre became one of the greatest innovation centres in Poland.

# **Programms and Projects**

## **conduct by NCRD**

- **Strategic Programmes**
- **Domestic Programmes**
- **International Programmes**
- **Programmes and Projects – Defense , Security**
- **European Funds**

**The activity of the Centre is funded by the  
national treasury and the European Union**

## Budget of NCRD (NCBiR)

**2011**                      **628 mln PLN**      **150 mln EUR**

**2012**                      **1100 mln PLN**      **280 mln EUR**  
**+ European Found**

**2013**                      **~1400 mln PLN**      **350 EUR**  
**+ European Found**

## **Strategic research and development programmes**

**Strategic research and development programs operate under big budgets, are closely related to the science and innovation policy adopted by the Polish government and contribute to the social development and economic growth of our country.**

**The basis for their preparation is the National Program of Research, adopted by way of resolution of the Council of Ministers dated 16 August 2011, which defines strategic research and development directions.**

**The Board of the National Centre for Research and Development prepares strategic programme projects according to the directions set forth in the aforementioned document and submits them for approval by the minister responsible for scientific affairs.**

## **Strategic programme**

**A strategic programme comprises projects targeted at specific technical, scientific or social issues.**

**Beneficiaries are selected in so-called top-down competitions where applicants must fully meet the criteria defined in competition announcements.**

**The implementation of this kind of programme contributes to consolidation of the best research teams and integration of scientific and business circles around problems crucial for the development of our country**

Currently, the Centre is implementing two strategic research and development programmes:

1. Advanced Technologies for Energy Generation  
300 mln PLN ~80 mln EUR
2. Interdisciplinary System for Interactive Scientific and Scientific  
Technical Information  
60mln PLN~15 mln EUR

and three strategic research projects:

1. Integrated System for Reducing Energy Consumption in the  
Maintenance of Buildings  
26,6 mln PLN ~6,5 mln EUR
2. Work Safety Optimization in Mines
3. Safe Nuclear Power Engineering Development Technologies.  
50 mln PLN~12 mln EUR

- **STRATEGMED** 300 mln PLN ~ 70 mln EUR  
Prophylaxis and cure of industrial diseases  
first call - 2012
- **For new materials**
- **For agriculture**

## Domestic Programmes

### Technological initiative

**20 mln PLN 12 projects**

On 29 February 2008 the Minister of Science and Higher Education entrusted to the National Centre for Research and Development with the task of funding and monitoring of targeted research projects and preparatory studies to be implemented within the framework of „Technological Initiative I”

### Lider

**66 mln PLN 60 projects**

The purpose of the LIDER Programme is to help young scientists learn how to plan research on their own, manage and lead their own research team while carrying out projects likely to be implemented on the market.

### GRAF-TECH-

**60 mln PLN~15 mln EUR**

Support programme for R&D works on application of graphene

### KadTech

The main purpose of this programme is to the support for the commercialization of technologies.

### BroTech

This programme’s objective is to raise the efficiency and effectiveness of technology transfer between science and economy.

### Innotech

**INNOTECH** is a programme whose aim is to help research entities and businesses carry out innovative projects representing various scientific areas and industrial sectors (In-Tech programme path), with a special focus on advanced technologies (Hi-Tech programme path).

### Innovativeness creator

Its purpose is to stimulate actions taken by public research organizations and businesses in order to commercialize scientific knowledge and know-how, i.a. through:

- development of public research unit-to-business R&D commercialization systems,
- intensifying information, educational and training activity related to the commercialization of scientific knowledge and know-how,
- promoting and propagating entrepreneurship among students, graduates, university staff and researchers.

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### Patent Plus

**1 mln PLN~0,25 mln EUR, 64 projects**

The **PATENT PLUS** Programme is a financial support instrument with the main purpose of increasing the intellectual property management effectiveness via patenting.

## Applied Research Programme

**A horizontal programme aimed at supporting the science sector and the industry sector within the scope of applied research in various scientific fields (programme path A) and industry branches (programme path B),**

**Applied research is defined as research work conducted in order to gain new knowledge with specific practical application. It consists either in searching for possible practical uses for research results or in searching for new solutions allowing to meet the assumed practical targets.**

# Applied Research Programme

**1,2 mld PLN ~ 300 mln EUR**

**First call 1.02.2012 -16.03.2012**

**240 mln PLN ~ 60 mln EUR**

**1080 proposal**

## International Programmes

AAL  
ARTEMIS  
BONUS - 185  
ENIAC  
ERA-NET / ERA-NET+  
EUREKA  
EUROSTARS  
FACCE JPI  
IMI JU  
Polish-Norwegian Research  
Cooperation  
Bilateral cooperation

Consist projects



ASPERA-2  
BIOENERGY  
CHIST-ERA  
EN+  
ECO-INNOVERA  
ERA-NET E-Rare  
ERA-NET IB 2  
ERA-NET PRIOMEDCHILD  
ERA-NET TRANSCAN  
EuroNanoMed  
KORANET  
MARTEC II  
MATERA+  
NEURON II  
OLAE+  
PIANO+



Narodowe Centrum  
Badań i Rozwoju

## Konkursy na projekty międzynarodowe - udział polskich jednostek



**Nazwa Programu:** ERA-NET Transcan  
(Translational Cancer Research)

**Temat konkursu:** *Validation of biomarkers for personalised cancer medicine*

**Okres naboru:** 14.12.2011-10.02.2012

**Budżet NCBR:** 1,5 mln euro

**Liczba złożonych wniosków:** 117

**w tym z udziałem polskich jednostek:** 25

**Kwota wnioskowana przez polskie jednostki:** 6,25 mln euro

**Termin rozstrzygnięcia konkursu:** wrzesień 2012

26 kwietnia 2012

## **Program: ERA-NET Transcan**

**Participants formulated subject and structure of programme and proposed financial support**

**Subject: Validation of biomarkers for personalised cancer medicine**

**Financial support of NCRD (NCBIR): 1,5 mln EUR**

**Financial support other participant: ?????**

**Call: 14.12.2011 – 10.02.2012**

**Number of proposal: 117**

**Number of proposal with polish members: 25**

**Decision: 09.2012**

**On 1 September 2011 the National Centre for Research and Development took over from the Ministry of Science and Higher Education tasks related to the implementation of European funds allocated for the development of science and higher education sectors in Poland.**

### Programmes European Funds

- Innovative Economy Operational Programme 95%
- Infrastructure and Environment Operational Programme
- Human Capital Operational Program 91%

Most of those funds have already been granted. By November 2011 close to 1800 contracts whose value exceeds PLN 15 billion were signed under three operational programmes.

**Remains: ~ 2 bilion PLN**

## Operational Programme – **Infrastructure and Environment**

**Priority 13: Higher education infrastructure – EUR 588 235 294**

## Operational Programme – **Human Capital**

**Priority 4: Higher education and science – EUR 960 366 839**

## Operational Programme – **Innovative Economy**

**Priority 1: Research and development of new technologies**

**EUR 1 224 619**

**Priority 2: R&D infrastructure**

**EUR 1 300 270**

## Operational Programme – Innovative Economy

**Priority 1: Research and development of new technologies**

**EUR 1 224 619**

**Priority 2: R&D infrastructure**

**EUR 1 300 270**

**THANK YOU FOR YOUR ATTENTION**