

# Cooperation and collaboration between Poland and Ukraine in the frame of EUREKA initiative

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**KAPITAŁ LUDZKI**  
NARODOWA STRATEGIA SPÓJNOŚCI

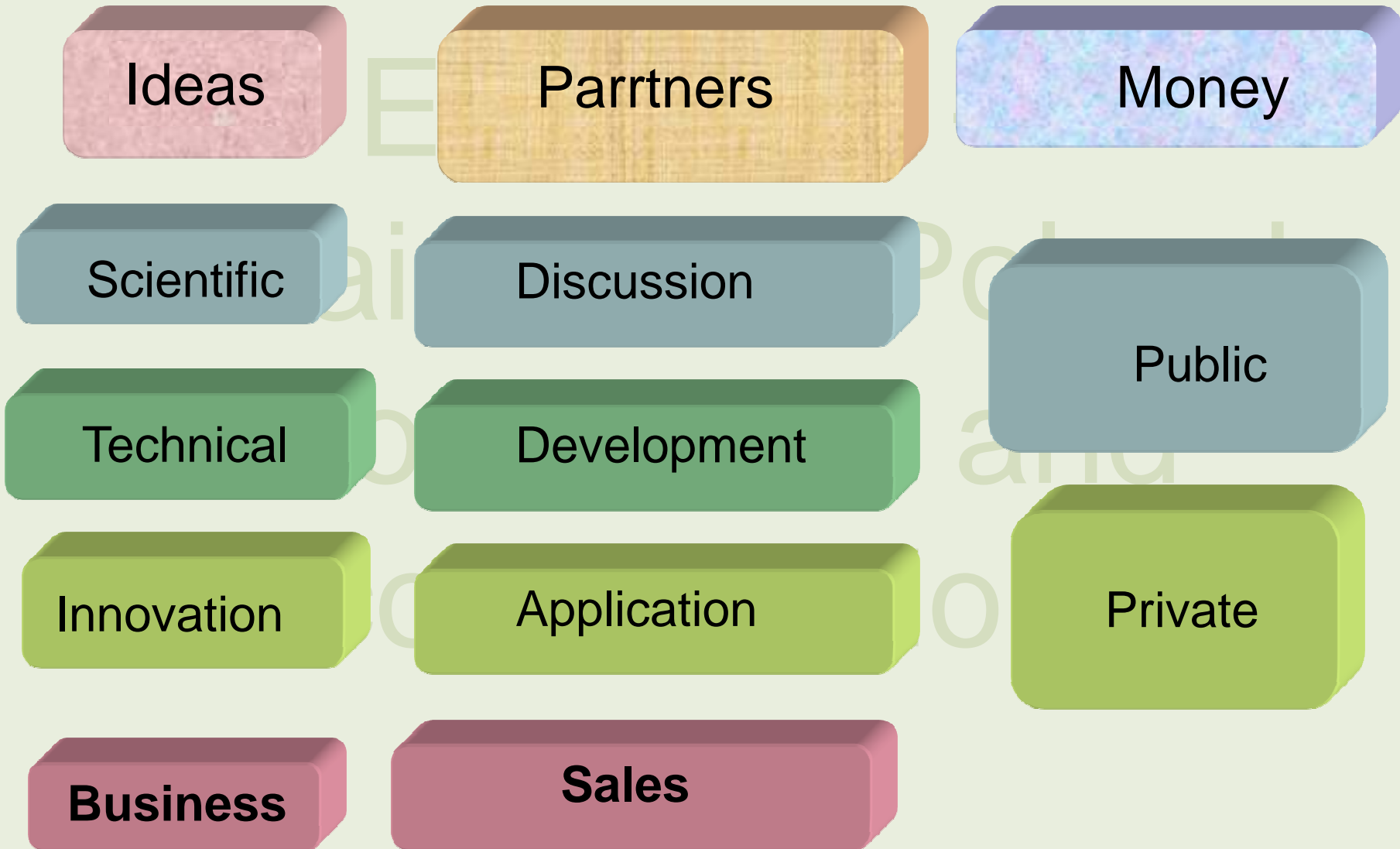
**UNIA EUROPEJSKA**  
EUROPEJSKI  
FUNDUSZ SPOŁECZNY



*Projekt współfinansowany przez Unię Europejską w ramach Europejskiego Funduszu Społecznego*



# What – where - how





# Another possibilities for cooperation between Poland and Ukraine (1) European programmes



Framework programme 7

ERA-NET

COST

Transboundary collaboration

STCU



# Another possibilities for cooperation between Poland and Ukraine (2)



## National programmes

Bilateral programme for science collaboration

Exchange of visits

## Regional programmes

Across-boundary collaboration



# Another possibilities for cooperation between Poland and Ukraine (3)



## Additional possibilities

Cooperation agreement

Personal contact

PAUSI – USA – Poland – Ukraine cooperation

Charitable foundations, for example, renaissance,  
Heinrich-Böll etc.



# What is EUREKA



EUREKA is the only existing European vehicle supporting development of innovation – understood as a process from the idea to benefits

It is positively assessed by industry

It is a mechanism which can really support achieving Lisbon and Barcelona goals

The main attractiveness of EUREKA is involvement of private (partners) money in project execution - 1/3



# What is EUREKA project?



The core of the Initiative is project generation and execution

EUREKA project is:

- proposed, defined and managed by its partners
- the 'bottom up' approach
- international
- partners from at least two of EUREKA's 38 members
- led by industry
- developing hi-tech products/processes/ services for the market
- supported by interested governments according to national assessment and financial procedures
- to be used for non-military purposes



# How does EUREKA benefit you?



EUREKA gives you a chance to:

- pool resources and expertise,
- share risks
- team up with suppliers & customers
- build networks & improve science
- industry links
- accelerate transfer of technology to market
- gain critical mass
- access European and world markets



# Are you: ready for integration?



- ready to offer your partners real and legal benefits
- resulting from cooperation, (market definition)?
- ready for real partnership
- do you have sufficient money?
- do you have a real and strong support from your bosses?
- well informed on national legislation concerning activity of foreign partners in your country, protection of IPR, transfer of benefits?
- well informed on EU/your partner country regulations?
- ready to protect your interests – agreements on cooperation, business commitments, ..... ?
- convinced that your institution – higher management and your team, is ready to work hard?
- ready to communicate: phone, fax, internet,
- **ENGLISH language !!!**

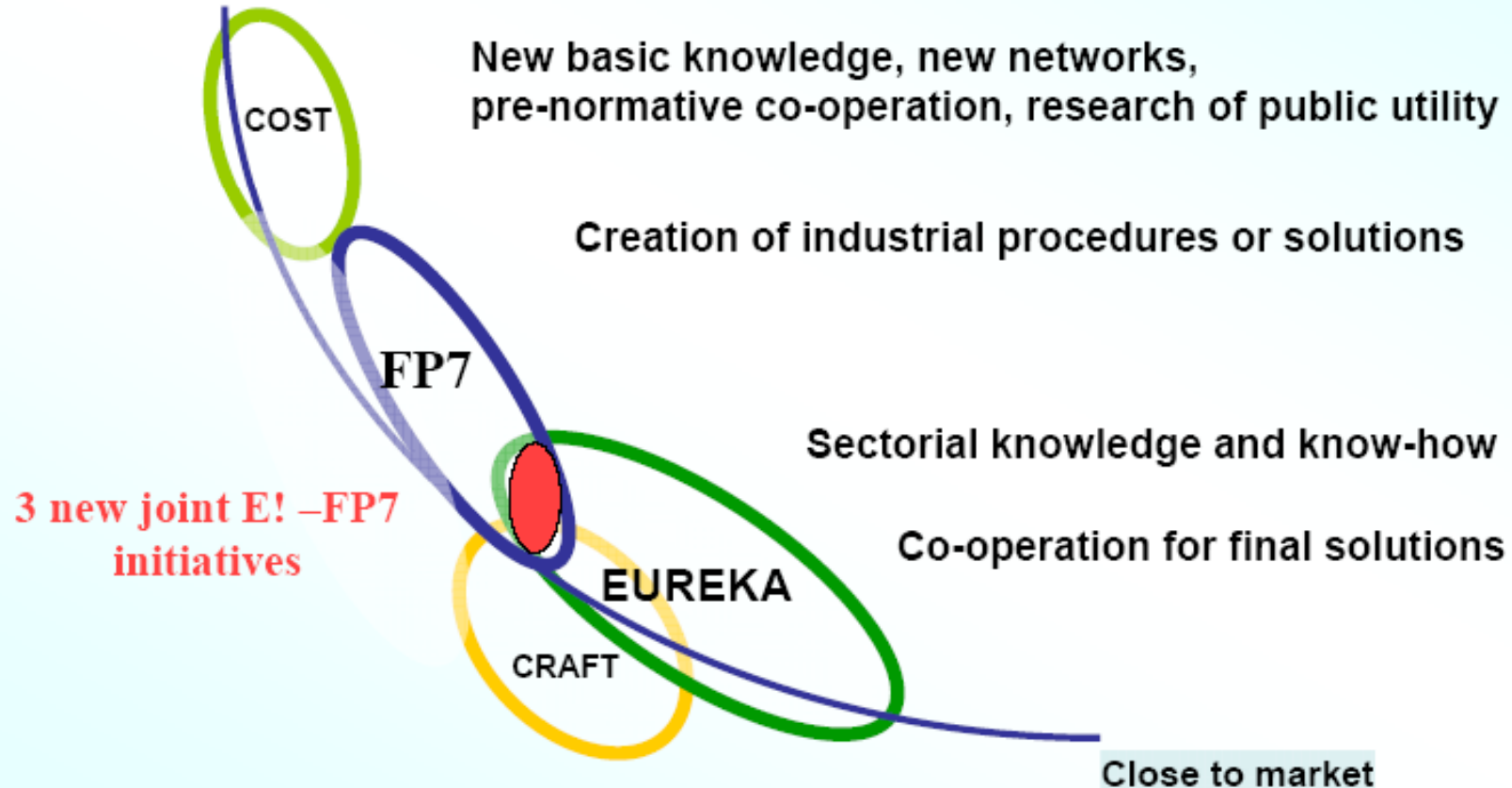
# EUREKA position in ERA



## European R&D co-operation

### WHAT and WHERE

Research intensity





# EUREKA Development in Ukraine (1)



Ukraine started its activity in EUREKA as associated member in 1993 poky with National Information Point of EUREKA on the base of Institute of Radiomeasurement Equipment.

**2001** - The first Partnering Days of EUREKA in Ukraine “Medical Technologies for the 21<sup>st</sup> Century”.

**2002** - The second Partnering Days of EUREKA in Ukraine “New materials in power engineering and transport”

**2003** - NIP EUREKA replaced for JSC MERYDIAN

**2005** - Seminar “Adaptation of Poland, Hungary, Czech Republic experience in EUREKA programme on Ukraine’s eurointegration aspects”



## EUREKA Development in Ukraine (2)



**2006** - International Conference “EUREKA and the re-launched Lisbon Strategy at the modern conditions of the EU development. Challenges and Perspectives for Ukraine”, Kyiv, March 10,

**2006** - Ukraine took the status of EUREKA full membership at Ministerial Conference in Prague, June 9

**2006** - International Conference “Programmes and Instruments of the EU’s Economy Innovation Development. Ukrainian Projections”, Kyiv, November 25

**2007** - International Conference “Ukraine and Modern Tendencies and mechanisms of the EU’s Innovation Development ”, today

**2009** - 22 EUREKA projects, 6 running projects



# What is EUREKA for Ukraine



- The door to Europe – the more projects, the more partners and contacts between institutions
- Additional possibility for R&D cooperation and collaboration in Europe
- Access to new European technologies
- Use of financial possibilities of European countries
- Help to determine the priorities for national funding of the projects
- Moreover EUREKA activity promote European integration processes in Ukraine



# EUREKA in Poland



## **40 running projects**

total budget of 29.7 M€

76 organisations from PL

SMEs 8

Research 36

Universities 24

## **103 finished projects**

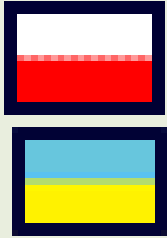
total budget of 56.8 M€

199 organisations from PL

SMEs 28

Research 83

Universities 56



# PL-UA collaboration in the frame of EUREKA Initiative



Polish and Ukrainian partners collaborated in 12 of 18 finished EUREKA projects.

E! 1489 EUROTRAC-2

E! 1983 METALTEST

E! 2479 E-DESIGNER

E! 2939 CAVASCREEN

E! 3191 MULFUNC

E! 3557 EKDEQ

E! 1806 ROTOR

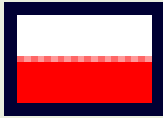
E! 2123 GEFEST

E! 2609 REC-OXIDE

E! 3065 INCOWATRANS

E! 3414 BIOPOLY HEAT

E! 3723 AFP-CEMIND



# E! 1806 ROTOR



Powder Metallurgy High-Accuracy ROTOR Die-Forming Technology and Equipment  
Duration: 1998 - 2000

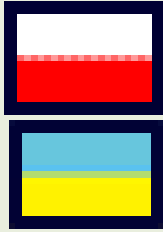
## **Poland**

Metal Forming Institute, Poznan, PL

## **Ukraine**

Institute of Metallophysics, National Academy of Science of Ukraine, Kyiv  
Public East Ukrainian University, Lugansk





# E! 2939 CAVASCREEN



## Screening of Cardiovascular Systems Based on Multi-Parameter Analysis

Duration 2003-2006

### **Poland**

Inst. of Medical Technology and Equipment ITAM

Medical University of Warsaw

Warsaw University of Technology

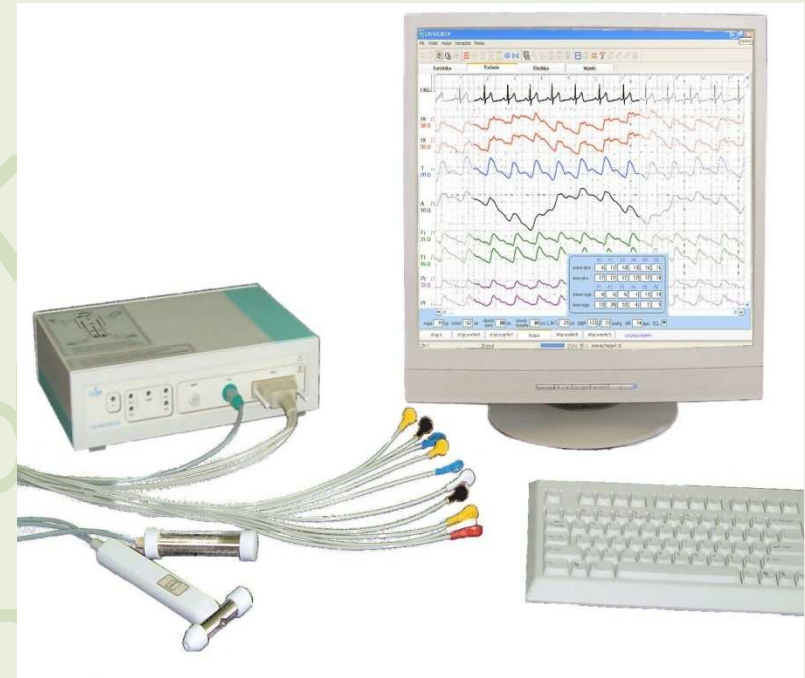
### **Lithuania**

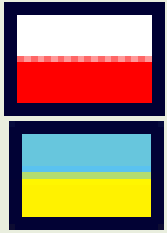
Kaunas Medical University

Cardiovascular Clinic

### **Ukraine**

State University of Pedagogy, Vinnitca





# E! 3723 AFP-CEMIND



The Reduction of Energy Consumption in Cement Production Is Achieved by Means of Using Alternative Fuels Based on Different Types of Organic Containing Waste.  
Duration 2006-2009

## **Poland**

Technical University Of Czestochowa

## **Austria**

C&C Tscherner, Handelsgem.M.B.H.

## **Ukraine**

Lviv Polytechnic University

“Service-Centre-Stryj”

JSC “Mykolaivcement”





# Further cooperation - Energy and environment (1)



**Method for producing heat for heating building and constructions and a continuous cavitation heat generator.**

Technology gives an opportunity to get industrial heat without using of burning process (burning of natural gas, coal, oil products, wood, peat etc.)



## Further cooperation - Energy and environment (2)



### **Process of alternative burning of hydrocarbons.**

New method of the burning process intensification, which has the activation stage of hydrocarbon molecule on a catalyst, allows increasing the efficiency of the burning process and production of energy.

# Conclusion



## EUREKA in Ukraine

EUREKA initiative is one of the possible framework for cooperation and collaboration between Ukraine and Poland.

Poland is the strategic partner for Ukraine in EUREKA.

There are 18 joint EUREKA projects.

The synergy between EUREKA and another European programmes has to be developed.

full membership



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