



# Top 500 Innovators Science-Management-Commercialization Collaboration between Poland and the USA

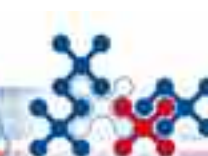
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Warsaw, Poland**



- located in the Institute of Fundamental Technological Research Polish Academy of Sciences (**IPPT PAN**) in Warsaw
- appointed in **1999** by the Ministry responsible for research
- the **coordinator of a country-wide network** dealing with European Programmes
  - **10 regional Consortia** of Contact Points
  - **23 Thematic Contact Points** dedicated to **Polish Technology Platforms**

- **Deputy Director of NCP-PL** (FIN, INNO, INCO and RM)
- **Expert of the Polish Ministry of Science and Higher Education to SFIC and FP7 INCO PC**
- **EARMA/ NCURA International Research Management Fellowship Program**





# 500

TOP 500 INNOVATORS  
SCIENCE MANAGEMENT  
COMMERCIALIZATION



**HUMAN CAPITAL**  
HUMAN - BEST INVESTMENT!



Ministry of Science  
and Higher Education  
Republic of Poland

EUROPEAN UNION  
EUROPEAN  
SOCIAL FUND



## **5-YEARS PROGRAMME (2011-2015) cofounded by the EU within the ESF GOAL**

To raise qualifications of R&D staff in fields of cooperation with private sector, research management and commercialization of the research results

### **OFFER**

Several **2-months intensive courses** consisting of 240 hours of different types of activities (lectures, workshops, study visits at the inno companies, laboratories, research centers, technology transfer organizations, panel discussions and meetings with entrepreneurs or venture capitalists)

### **WHERE**

**The best US universities** in the Shanghai ranking, such as **Harvard University, University of California - Berkeley, Stanford University, Massachusetts Institute of Technology**



## TARGET AUDIENCE

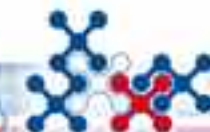
Best Polish scientists and technology transfer employees working at universities, research institutes and academic centers for technology transfer (in total **up to 500 in the period 2011–2015**), conducting research in engineering, natural, technical, agricultural and medical sciences

## MAIN TOPICS

- research management
  - commercialization of research results
  - science-industry cooperation management
- plus development such skills as team work, creativity, decision making, problem solving

## WHY COLLABORATION IN THESE FIELDS?

Development of R&D system staff qualifications and improving the awareness of the role of science in economic growth is the national priority and one of the main objectives under **the reform of science** currently implemented in Poland



## FIRST PILOT EDITION - 2011

40 scientists and staff of innovation centers, **Stanford University**  
in the heart of the Silicon Valley

## PROJECT IN 2012

120 participants, divided in 3 groups,  
will attend courses in April-June (1 course)  
and October-December (2 courses)

## FOLLOW-UP

Participants formed **the Association**

whose aim is to provide the scientific community of the presented concepts  
of the course and to promote US/PL collaboration and further cooperation  
between business and science in Poland

Participants prepare the **plans of commercialization** of research results  
and plans to improve the effectiveness of a technology transfer with  
knowledge and skills gained during the program



## Preparation of the cooperation

- ✓ selection of the Host (*public procurement procedure*)
- ✓ legal (framework) agreements

## Implementation during the cooperation

- ✓ management structure at the Host institution (*executive director, academic director and programme coordinator*)
- ✓ evaluation system (*evaluation by Host, participants and final, by the Ministry*)



- Biggest challenge – differences in US/PL educational systems
- **Very positive experiences** after the pilot edition  
Project should contribute to make the best use of national and international research funding to ensure the transfer of results of R & D to the economy
- We will continue this programme
- We would like to recommend the programme for other EU MS/AC
- We are ready to share our experience in the programme implementation



# Thank you for your attention!



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