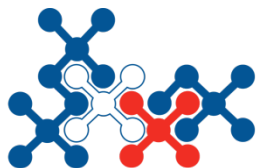




Horizon 2020

Possibilities of cooperation and first results

Speaker: Zygmunt Krasiński, Director



National Contact Point

FOR RESEARCH PROGRAMMES OF THE EU
Institute of Fundamental Technological Research PAS

This presentation is based on materials from EC and/or Ministries and Agendas of RP





15 lat KPK!

Who we are?

- nominated by Ministry of Science as the **NCP for 5FP in 1999.**



- **NCP for HORIZON 2020 & Euratom-Fission in Poland**
- *Experts to all H2020 Programme Committees*

- **Coordinates NCP Network in Poland:**
 - **NCP + 11 Regional Contact Points**
- *Cooperation with EEN and Industry Contact Points*
- **Coordinates EURAXESS Network in Poland**



- **Participation in over 100 FP projects / Coordination 17 of them**





WHAT IS HORIZON 2020?

- The biggest EU **Research and Innovation programme** ever with nearly **€80 billion of funding (2014 to 2020)**
- The **financial instrument implementing the Innovation Union**, a Europe 2020 flagship initiative ("smart, sustainable, inclusive growth,,")
- New European Commission President Jean-Claude Juncker and **€ 315 billion Investment Plan**



What's new?

- A **single programme** bringing together three separate programmes/ initiatives
- Coupling **research to innovation** – from research to retail, all forms of innovation
- Focus on **societal challenges** facing EU society, e.g. health, clean energy and transport
- **Simplified access** for all companies, universities, institutes in **all EU countries and beyond**





Eligibility for funding

- **Member States and Associated Countries**
- **Enlargement and neighbourhood countries, and EFTA**
- **Developing countries**
- **Industrialised countries and emerging economies - funded only in exceptional cases**





Open to the world



Open to participation of researchers from anywhere in the world, to:

- ✓ **Extend the frontiers of scientific knowledge**
- ✓ **Tackle challenges** that affect us all
- ✓ **Make industries more competitive**

Targeted opening

In certain calls inclusion of international partners may be encouraged or required

Coordinated calls

Paired calls, linked evaluations, financed by both sides





Instruments for cooperation

- Marie Skłodowska-Curie actions
- European Research Council
- World-class research infrastructures
- **Research and Innovation actions**
- **Innovation actions**
- Coordination and support actions
- Access to new networks and alliances



Horizon 2020

[Search Topics](#)[Calls](#)[Call Updates](#)

Other EU Programmes 2014-2020

[Research Fund for Coal & Steel](#)[COSME](#)[3rd Health Programme](#)[Consumer Programme](#)

FP7 & CIP Programmes 2007-2013

[Calls](#)

Horizon 2020 Calls for Proposals

Excellent Science

- ☐ European Research Council
- ☐ Future and Emerging Technologies
- ☐ Marie Skłodowska-Curie actions
- ☐ Research infrastructures

Industrial Leadership

- ☐ Leadership in enabling and industrial technologies(LEIT)
- ☐ Access to risk finance
- ☐ Innovation in SMEs

Status

- ☐ Forthcoming
- ☒ Open
- ☐ Closed

[FILTER](#)

Filters only programme and call titles and IDs, for extended search go to the [Search Topics page](#).

Sort by

Title



Call Id



Planned Opening Date



Deadline Date

Industrial Leadership

Call for Factories of the Future
H2020-FoF-2015

Excellent Science

Developing new world-class research
infrastructures
H2020-INFRADEV-1-2015-2

Excellent Science

Support to innovation, human
resources, policy and international
cooperation
H2020-INFRADEV-1-2015-2



Ukraine

National NCP coordinator - Yegor Dubynskyi

Organisation name: **Ministry of Education and Science of Ukraine**

25 NCP experts

Germany

National NCP coordinator - Dr Andre Schlochtermeyer

Organisation name: **PT-DLR**

103 NCP experts

Poland

National NCP coordinator - Dr Zygmunt Krasiński

Organisation name: **IPPT PAN**

35 NCP experts





Common projects/initiatives

- <http://www.bilat-ukraina.eu>



- <http://www.inco-eap.net>



- Eastern Partnership Panel on Research and Innovation





„Enhancing Ukraine's Competitiveness in RI on the way to the Association to Horizon 2020”

27-28th of January, 2015

Kyiv, Ukraine

- Lessons learnt and good practices on how to join FPs by EU MSs
- Examples from EU Member States on the strategic framework, coordination and functioning of NCP system



Example of cooperation FP7 Project ESPOSA



Title: Efficient Systems and Propulsion for Small Aircraft

Start date: 2011-10-01, End date: 2015-09-30

Total cost: EUR 37 501 682,82

FP7-TRANSPORT

CP-IP - Large-scale integrating project

42 partners including 13 PL-DE-UA partners



ESPOSA

PL-DE-UA participants

ZAPOROZHYE MACHINE-BUILDING DESIGN BUREAU PROGRESS STATE ENTERPRISE NAMED AFTER ACADEMICIAN A.G. IVCHENKO, Ukraine

MOTOR SICH JSC, Ukraine

ZOLLERN GMBH & CO KG, Germany

SYSGO AG, Germany

GROB AIRCRAFT AG, Germany

FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E V, Germany

TECHNISCHE UNIVERSITAET MUENCHEN, Germany

WYTWORNIA SPRZETU KOMUNIKACYJNEGO PZL - RZESZOW SA, Poland

ZAKLADY LOTNICZE MARGANSKI & MYSLOWSKI SA, Poland

ZAKLADY LOTNICZE MARGANSKI & MYSLOWSKI SP ZOO, Poland

INSTYTUT LOTNICTWA, Poland

POLITECHNIKA WARSZAWSKA, Poland

POLITECHNIKA RZESZOWSKA IM IGNACEGO LUKASIEWICZA, Poland





Horizon 2020

Preliminary results after the first 38 calls

Based on e-CORDA data base, 16.10.2014



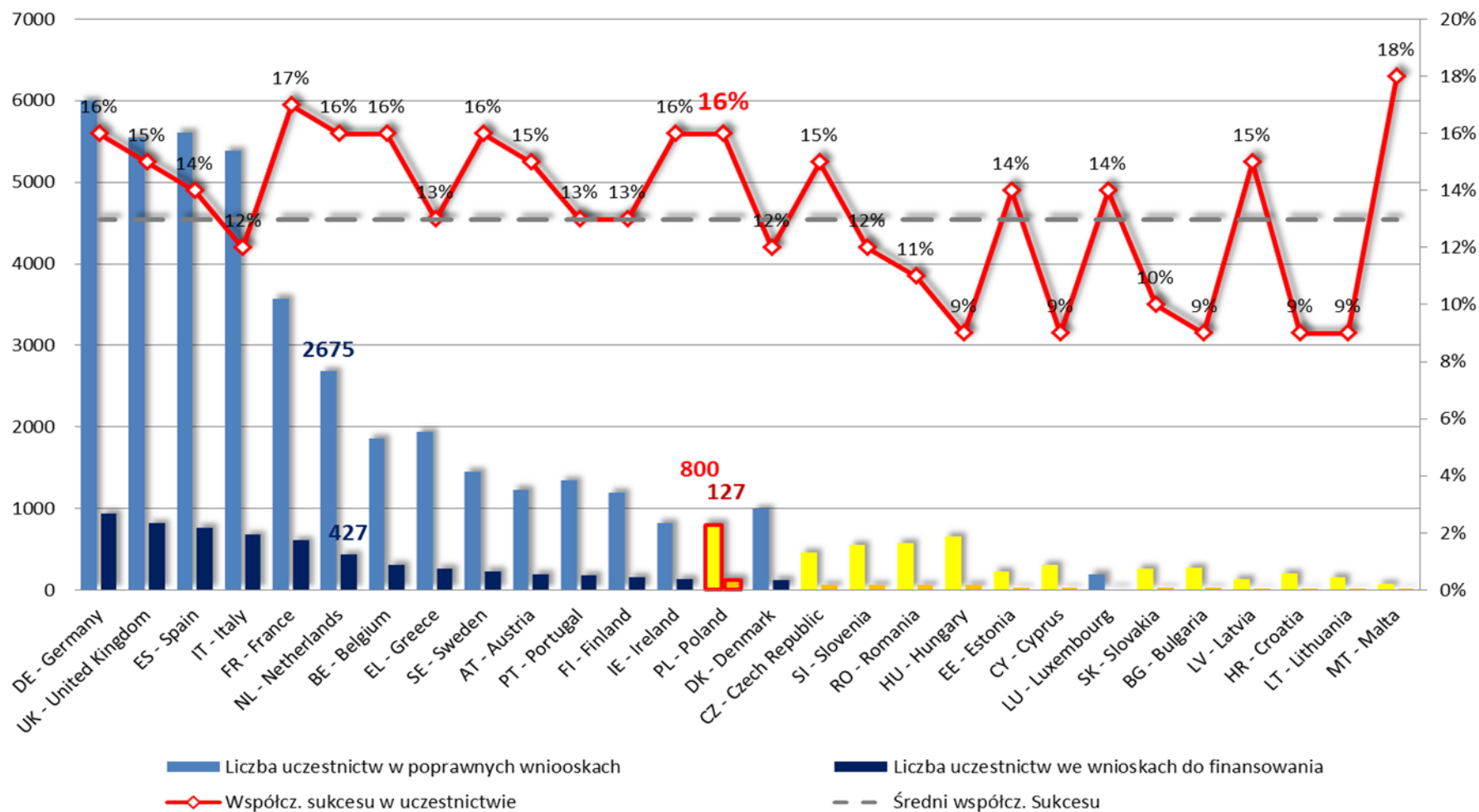
	Applicants in eligible proposals	Applicants in retained proposals	Success rates	EU contribution mln EURO	Coordinators
EU MS	44 419	6 345	14,28%	2 105,84	888
PL	800	127	15,88%	24,02	11
DE	5 993	932	15,55%	367,67	121
UA	94	17	18,09%	2,05	0

Based on e-CORDA data base, 16.10.2014





Wstępne wyniki uczestnictwa w PR HORYZONT 2020 po pierwszych 38 konkursach





Example of cooperation

Horizon Project MagIC

**Title: Magnonics, Interactions and Complexity:
a multifunctional aspects of spin wave dynamics**

Duration: 48 Months

Total cost: EUR 765 000

MSCA-RISE-Research and Innovation Staff Exchange

**UNIwersYTET IM. ADAMA MICKIEWICZA W
POZNANIU**

THE UNIVERSITY OF EXETER

UNIVERSIDAD DEL PAIS VASCO/ EUSKAL
HERRIKO UNIBERTSITATEA

INSTYTUT FIZYKI MOLEKULARNEJ, POLSKIEJ
AKADEMII NAUK

DONETSK NATIONAL UNIVERSITY

DONETSK INSTITUTE FOR PHYSICS AND
ENGINEERING NAMED AFTER O.O. GALKIN OF
THE NATIONAL ACADEMY OF SCIENCES OF
UKRAINE

Інститут магнетизму Національної академії наук
України та Міністерства освіти і науки, молоді та
спорту України

Coordinator

Poland

Partner

United Kingdom

Partner

Spain

Partner

Poland

Partner

Ukraine

Partner

Ukraine

Partner

Ukraine





Example of cooperation Horizon Project METCOPH

Title: Metallocomplexes of macrocyclic compounds for photonic devices

Duration: 48 Months

Total cost: EUR 688 500

MSCA-RISE-Research and Innovation Staff Exchange

INSTYTUT CHEMII FIZYCZNEJ POLSKIEJ AKADEMII NAUK	Coordinator	Poland
B.I. Stepanov Institute of Physics of the National Academy of Sciences of Belarus	Partner	Belarus
V.I.Vernadskii Institute of General and Inorganic Chemistry NAS of Ukraine	Partner	Ukraine
UNIVERSITAET REGENSBURG	Partner	Germany
TEL AVIV UNIVERSITY	Partner	Israel





Example of cooperation

Horizon Project BLACK SEA HORIZON

Title: Enhanced bi-regional STI cooperation between the EU and the Black Sea Region

Duration: 32 Months

Total cost: EUR 1 499 506

INT-02-2014-CSA

19 partners

DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV	Partner	Germany
INSTYTUT PODSTAWOWYCH PROBLEMOW TECHNIKI POLSKIEJ AKADEMII NAUK	Partner	Poland
STATE ORGANIZATION INSTITUTE FOR ECONOMICS AND FORECASTING UKRAINIAN NATIONAL ACADEMY OF SCIENCES	Partner	Ukraine



Agreement CRASP – NCP-Poland

- **Promotion of Horizon 2020**
- **Identifying the best scientists/research teams**
 - **Partner search**



Thank you for your attention!

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