

A faint, light blue graphic of a molecular structure is positioned on the left side of the slide. It consists of several circles of varying sizes connected by thin lines, representing atoms and bonds in a network.

***Foundation for Polish Science
and HORIZON2020
in 2014***

Michał Pietras, Warsaw, January 2014

Operational Program Innovative Economy by FNP



Ventures, International PhD Projects, Welcome, Team, Homing+, Parent/Bridge

Some statistics:

- 388 funded projects (14% success),
- 84 teams (50% of leaders under 40)
- PI's: 219 male/169 female, 12 foreigners
- 755 students (13 foreign)
- 853 PhD students (104 foreign)
- 222 postdocs (31 foreign)



INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY



The logo for the Foundation for Polish Science (FNP) is located in the top right corner. It features the letters 'FNP' in a bold, blue, sans-serif font, enclosed within a stylized blue and white circular graphic that resembles a swoosh or a partial orbit.

FNP

*Foundation
for Polish Science*

Plans for 2014

- Teaming of Excellence
- International Research Agendas
- Virtual Institute
- Other H2020:
 - Twinning
 - Era Chair
 - Innovative Training Networks...
- Skills project



INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY



Teaming of Excellence H2020



- Objective:
 - establishment of a new Centre of Excellence (or the upgrading of an existing one)
- Teaming process between:
 - an institution of research and innovation excellence (public or private) or a consortium of such institutions and
 - the participant organisation from a low performing Member State
- (Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia)



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Teaming of Excellence H2020



- Call announced Dec 2013
- Deadline 17 Sep 2014

- **Who can apply:**

for example a national or regional authority, or a research agency at national or regional level

the presence of a local partner research institution in stake



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Teaming of Excellence H2020



- **Proposal:**

- clear alignment and complementarity with the relevant Smart Specialisation Strategies of the Member State or region from which the applicant is coming
- the long-term science and innovation strategy of the future Centre (organisation profile, good management...)
- the Scope and Expected Impact of the Teaming action



Teaming of Excellence H2020



- **First Stage:**
 - Proposals (2014)
 - 12 months award for business plans (2015)
 - (up to 0,5 M Euros)
- **Competition of Business plans (2016)**
 - 7 years award for teaming (2017)
 - (up to 20 M Euros)



International Research Agendas



- Operational Program („Inteligentny Rozwój”)
- Objective:
 - Creation of some world class research centers in Poland under supervision of International Research Boards in partnership with an excellent centers from another country
 - Creation of competitive research environment in Poland
 - Complementarity to Teaming of Excellence



International Research Agendas



- **Timetable for IRA**

- Application to Teaming of Excellence
(FNP will enter writing proposals to ToE solely in line with IRA)

- Mid 2014 – announcement of IRA by FNP

- End 2014 – deadlines

- Mid 2015 – decisions on 2-3 awards and 2nd call

- Mid 2016 – decisions on 2-3 awards

» **DATES ARE PROVISIONAL**



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International Research Agendas



- **Proposals include:**
 - Vision for establishment of the centre
 - Names and achievements of leading scientists
 - Legal profile of the centre and its status
 - International Research Board and its rights
 - Outline of International Research Agenda
 - Scope of cooperation with an excellent partner abroad



International Research Agendas



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- Funding for each IRA (provisional, subject to PO IR):
 - 1M PLN/year/group (up to 25)
 - Some other costs (up to 10 M PLN)
 - Supplements subject to mid-term evaluation results)
- Access to infrastructure and open recruitment of staff required



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Virtual Institute



- Operational Program
- Objective:
 - Establishment of a centre based on competitive and international standard of research focused on commercialization of results
 - Operate on existing infrastructure and in partnership with existing research centres or universities



Virtual Institute



- **Provisional Timetable at FNP**
 - 2nd half of 2014 – call for interest
 - Early 2015 establishment of research agenda and International R & D Board
 - 2015 first calls for independent positions
- **Funding**
 - Ca. 1M PLN/year/group



INNOVATIVE ECONOMY
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Call for Twinning



- Call announced – 2 July 2014
- Deadline – 2 Dec 2014
- **Objective:**
 - strengthening a defined field of research in a particular knowledge institution
 - creating a link between this institution and at least two internationally-leading research institutions in other Member States



INNOVATIVE ECONOMY
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Call for Twinning



- **Proposal:**

- the scientific strategy for stepping up and stimulating:
 - scientific excellence and innovation capacity in a defined area of research
 - the scientific quality of the partners involved in the twinning exercise
- contribution to the overall Smart Specialization Strategy
- set of measures to be supported:
 - E.g. short term staff exchanges; expert visits or virtual training; workshops; conferences; organization of joint summer schools; dissemination, etc



Call for Twinning



- Who can apply?

- Twinning proposals must involve a minimum of three participants
- One from a low performing MS (for example a research active university or a public or private non-profit research organisation) – **the applicant**
- **At least two** internationally-leading research intensive counterparts established in **at least two** different Member States other than that of the applicant organisation

- Funding

- Up to 1 M Euro (for a requested period)



ERA Chairs



- Call announced Dec 2013
- Deadline 15 Oct 2014
- Objectives:
 - Improve the excellence of the research and innovation landscape of promising institutions at low performing MS
 - Attract and maintain high quality researchers, who significantly improve research performance of an institution



INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY



ERA Chairs



- **Proposal:**

- Conditions for improvement, structural change in the institution
- Interaction with national or regional authorities
- Co-funding from EU structural funds
- In line with relevant strategies for smart specialization
- In line with ERA priorities and European Charter for Researchers and Code of Conduct for the Recruitment of Researchers



ERA Chairs



- **Who can apply?**

- “research organization” (a non-profit making organization which carries out scientific or technical research as its main objective)
- ERA Chairs proposals must be submitted by a single participant

- **Funding**

- The requested EU contribution shall not exceed a maximum of EUR 2.5 million (up to 60 months)
- 90% of the total estimated budget for each proposal



Innovative Training Networks



- Call publication Dec 2013
- Deadline 9 Apr 2014
- Options:
 - European Training Networks (ETN),
 - European Joint Doctorates (EJD)
 - European Industrial Doctorates (EID)
- Funding
 - 4 years, max 540 person/months (3-36 months per researcher)



European Training Networks (ETN)



- **Objective:**
 - intersectoral and interdisciplinary research training
 - transferable skills
- **Proposal:**
 - high-quality supervision arrangements
 - it is strongly recommended to keep the size of the consortium between 6 and 10 beneficiaries

European Joint Doctorates (EJD)



- **Objective:**

- international, intersectoral and multi/inter-disciplinary collaboration in doctoral-level training
- at least 2 institutions conferring a joint, double or multiple doctoral degree must be established in an EU MS or AC

- **Proposal:**

- joint governance structure
- joint doctoral programme
- transnational mobility
- at least 3 beneficiaries in different MSs or ACs (entitled to deliver doctoral degrees) + any other organisation from the same or other countries



PROJECT SKILLS (2011-2015)



Foundation
for Polish Science



– Trainings:

Science management, communicating science, interdisciplinary cooperation, scientific writing, entrepreneurship, commercializing science
Interdisciplinary meetings and workshops

– Mentoring Program / coaching (at least PhD holders)

– International internship (up to 6 months, for PhDs and PhD students)

– Awards for :

- interdisciplinary projects („Inter”, 100 k PLN)
- proof of concept („Impuls”, 100 k PLN)
- popularization projects for students



HUMAN CAPITAL
NATIONAL COHESION STRATEGY



Thank you for your attention!



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