



Fundacja na rzecz
Nauki Polskiej

Dzień Informacyjny „Rozwój Kadr B+R”

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FNP

22 stycznia 2016 r.

Fundacja na rzecz Nauki Polskiej

- Pozarządowa, apolityczna instytucja typu *non profit*, ustanowiona w 1991 roku
- Największe w Polsce pozabudżetowe źródło finansowania nauki (kapitał żelazny oraz Fundusze Europejskie)
- Wsparcie nauki polskiej (szerzenie doskonałości)
- Wsparcie innowacyjnych projektów badawczych

Program Operacyjny Innowacyjna Gospodarka (PO IG) 2007-2013

- **Międzynarodowe Studia Doktoranckie**
- **Welcome**
- **Team**
- **Homing Plus**
- **Pomost**
- **Ventures**

Program Operacyjny Inteligentny Rozwój (PO IR) 2014-2020

- **Działanie 4.3 –
Międzynarodowe agendy badawcze (532 mln zł)**
- **Działanie 4.4 –
Zwiększanie potencjału kadrowego sektora B+R (615
mln zł)**

Cele szczegółowe

- skoncentrowanie na projektach b+r prowadzonych przez jednostki naukowe, przedsiębiorstwa oraz konsorcja tych podmiotów
- wkład w długofalowy proces budowy w Polsce gospodarki opartej na wiedzy
- korzyści dla gospodarki i całego społeczeństwa
- finansowanie wydatków dotyczących rozwoju kadr (szkolenia, staże, stypendia)

- Cele szczegółowe dla osi IV POIR s. 107

Projekty grantowe FNP

- **Stworzenie warunków rozwoju dla nowych kadr**
- **Przyciągnięcie do pracy w Polsce wybitnych opiekunów naukowych i najzdolniejszych naukowców**
- **Zachęta do prowadzenia prac b+r w firmach i rozwój ich kadr badawczych**
- **Wykorzystanie istniejącej infrastruktury b+r w Polsce**

Zwiększanie potencjału kadrowego sektora B+R

- **Team**
(wyzwania naukowe o przełomowym charakterze)
- **Team Tech**
(wyzwania technologiczne, produktowe i usługi B+R)
- **First Team**
(pierwsze zespoły badawcze)
- **Homing**
(powroty, przyjazdy do Polski)
- **Powroty**
(powroty po przerwach w pracy B+R)

Zwiększanie potencjału kadrowego sektora B+R

- **Team**
otwarcie: do 5 lutego >> deadline: **15 marca 2016**
- **Team Tech**
otwarcie: do 5 lutego >> deadline: **15 marca 2016**
- **First Team**
otwarcie: 15 lutego >> deadline: **24 marca 2016**
- **Homing**
otwarcie: 15 lutego >> deadline: **24 marca 2016**
- **Powroty**
otwarcie: 1 marca >> deadline: **15 kwietnia 2016**

Dziękuję za uwagę!



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Fundacja na rzecz
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Boosting human potential in R&D sector

Tomasz Poprawka, PhD

Deputy Director – Programme Division

New programmes portfolio

TEAM

(groundbreaking scientific challenges)

TEAM Tech

(technological challenges, product and service R&D)

First TEAM

(launching first research teams)

Homing

(attracting talents from abroad – returns and arrivals)

Powroty

(reintegration after a period of break in R&D)

Powroty / Reintegrations

- Aimed at **young doctors** of all nationalities:
 - **up to 5 years after PhD**
[the beginning of this period is determined by the annual date of obtaining the degree, and the end - the year preceding the application deadline in the competition]
[extendable up to a maximum of 9 years after PhD]
 - has experienced at least **9 months of continuous break** in bona fide R&D activities
[parenthood, intersectoral mobility, R&D administration]
 - will commit at least **60% of a full-time employment** to the project

Powroty / Reintegrations

- Typical project budget – **800 000 PLN**
- **2 years** sets a maximum project duration
- Project location: **Scientific unit** or **enterprise**
- PI may involve in the project students or PhD students and support staff; PI always under a contract of employment
- **Scientific partnership** (national or international)

Homing

- Aimed at **young doctors** irrespectively of nationality
 - up to **5 years** after PhD
[extendable up to a maximum of 9 years after PhD]
 - has worked continuously in R&D sector abroad for at least **9 months**
[PhD training, post-doctoral research, etc.]
 - is planning to come to Poland or has already returned, yet not earlier than in a year preceeding the deadline*
[* for the first call to be announced – eligible candidates may have returned not earlier than 1st January 2013]
 - will commit at least **60% of a full-time employment** to the project

Homing

- Project: approx. **800 000 PLN** for **2 years** period
- Project location: **Scientific unit** or **enterprise**
- **Scientific partnership** (national or international)
- PI always under a contract of employment; may involve in the project students or PhD students and support staff:
 - under a contract of employment,
 - under a fellowship agreement (students and PhDs only)

Powroty & Homing

Estimated SALARIES

- PI: **17 500** PLN/pm
- PhD students: **8 000** PLN/pm
- Students: **4 000** PLN/pm

Estimated STIPENDS:

- PhD students: **3 500 – 4 500** PLN/pm
- Students: **1 500 – 2 500** PLN/pm

TEAM

- A flagship programme of the FNP
- Projects to be pursued under a TEAM programme shall consider a **frontier research** that will contribute to solving current or arising **scientific problems** that are relevant to the international community and will make a significant impact and contribution to solving important challenges faced by society today and tomorrow.

TEAM

- Aimed at **advanced** researchers
 - PhD holders, irrespectively of nationality
 - proven international scientific track-record
 - will commit **50% of a full-time employment** to the project; under specific conditions – not less than 30%
 - a co-PI may be involved (assessed at the stage of application)
- Projects implemented with an obligatory **international scientific partnership**

TEAM

- An estimated budget of **3 500 000 PLN**
- Project length of **3 years** with a possibility of extension up to 5 years in total

[via internal call for grantees and competition]

- Projects may be localized within:
 - **Scientific units**
 - **Enterprises**
 - **Consortia**

[in case of a consortia, co-PI cannot be involved, while PI has to commit at least 50% of full-time employment for the project]

TEAM

- Project requires open competition for team members, in particular: **students, PhD students, post-docs**
- Competitive employment conditions:
 - PI: **27 000** PLN/pm
 - co-PI: **17 500** PLN/pm
 - consortiant: **15 000** PLN/pm
 - post-doc: **15 000** PLN/pm
 - PhD students: **8 000** PLN/pm
 - Students: **4 000** PLN/pm

First TEAM

- A new programme of the FNP which enables talented researchers from all over the world to establish their first and independent research team in Poland
- Aimed at **young doctors**
 - up to **5 years** after PhD
[extendable up to 9 years in total – postdoctoral training periods count]
 - will commit at least **50% of a full-time employment** to the project

First TEAM

- An estimated grant budget of **2 000 000 PLN**
- Project length of **3 years** with a possibility of an extra 1 year of extension
- **Scientific partnership** (national or international) is obligatory
- Projects may be localized within:
 - **Scientific units**
 - **Enterprises**
 - **Consortia**

First TEAM

- Project requires open competition for team members, in particular: **students, PhD students, post-docs**
- Competitive employment conditions:
 - PI: **20 000** PLN/pm
 - consortiant: **15 000** PLN/pm
 - post-doc: **15 000** PLN/pm
 - PhD students: **8 000** PLN/pm
 - Students: **4 000** PLN/pm

First TEAM

- As projects will rely on **building of the capacity** of a new teams, thus FNP will provide grantees with an extra opportunity to apply for additional **funds for specialized equipment**.
- Application process will be upon call for proposals - only for PIs supported via First TEAM.
- Assessment will involve a thorough analysis of the available equipment of its kind in the country, using available databases.

TEAM Tech

- Unique and new programme of the FNP
- Projects to be pursued under a TEAM Tech programme shall consider such **R&D activities** that are clearly associated with development of a **product or production process** (technological or manufacturing) of great importance for the economy.

TEAM Tech

- Aimed at **advanced** researchers
 - PhD holders, irrespectively of nationality
 - proven commercialization track-record
 - will commit **50% of a full-time employment** to the project; under specific conditions – not less than 30%
 - a co-PI may be involved (assessed at the stage of application)
- Projects implemented under an obligatory **economic partnership**

TEAM Tech

- A suggested budget of **3 500 000 PLN**
- Project length of **3 years** with a possibility of extension up to 5 years in total

[via internal call for grantees and competition]

- Projects may be localized within:
 - **Scientific units**
 - **Enterprises**
 - **Consortia**

[in case of a consortia, co-PI cannot be involved, while PI has to commit at least 50% of full-time employment for the project]

TEAM Tech

- Project requires open competition for team members, in particular: **students, PhD students, post-docs**
- Competitive employment conditions:
 - PI: **27 000** PLN/pm
 - co-PI: **17 500** PLN/pm
 - consortiant: **15 000** PLN/pm
 - post-doc: **15 000** PLN/pm
 - PhD students: **8 000** PLN/pm
 - Students: **4 000** PLN/pm



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Common features of new programmes

National Smart Specialisations

- A research to be pursued must fall within the National Smart Specialisations (NSS) catalogue
[PL: Krajowe Inteligentne Specjalizacje - KIS]
- Current version (dated at 3rd December 2015) includes 20 NSSs
- In exceptional cases, the Foundation may consider for funding projects on topics not listed among NSSs, if they have significant application potential or importance in tackling the important socio-economic issues.

Project budget

- The full catalogue of eligible costs and the principles for documenting eligible costs are specified in the ***Cost Eligibility Guide under the Measure 4.4 of the Smart Growth Operational Programme*** constituting an appendix to competition documentation.
- Project budget is proposed bottom-up by the applicant according to rules and guidelines within competition documentation.

Project budget

DIRECT COSTS - Remunerations - eligible costs in this category include the costs of remunerations including non-payroll labour costs, including social and health insurance contributions of individuals employed for conducting research (research workers, technical employees and other auxiliary personnel) proportionally to the extent to which these remunerations are directly connected with the realisation of the co-financed project.

Project budget

DIRECT COSTS - Subcontracting - entrusting third parties with the performance of part of the substantial works of the project that are not performed on the premises and under direct supervision of the beneficiary, and costs of resources made available by third parties and all contracts for the performance of specific work.

Costs allocated to subcontracting must not exceed 25% of the total eligible costs of the project and are excluded from the base of the lump sum indirect costs of the project.

Project budget

DIRECT COSTS - Costs of the development of research personnel (Cross-financing) – the following costs may be financed in this category:

- Stipends
- Fellowships and trainings

Costs allocated to development of research personnel must not exceed 30% of the total eligible costs of the project and are excluded from the base of the lump sum indirect costs of the project.

Project budget

OTHER DIRECT COSTS - the following costs may be financed in this category:

- Expenditures on the purchase of low-cost research equipment – up to 5% of total eligible costs
- Land and building costs
- Other operational costs

INDIRECT COSTS - not exceeding 17% of actually incurred direct eligible project costs, with the exclusion of subcontracting and cross-financing.

Project indicators

The applicant is obliged to include during the application process the planned project realisation indicators, i.e. the planned products and outcomes.

The proposed indicators have to be relevant to the given type of the project and to reflect the objectives of the project. They will be subjected to evaluation during the application process, during the realisation of the project and after the completion thereof, and they may be subject to changes and may result in penalties.

Reporting and monitoring

The grantees are obliged to report to the FNP – the reporting period for financial statements is 6 months, while for merit-based reports such period is annual.

Based on external evaluation of the reports, the FNP may decide to introduce a recovery plan in the project, whose consequences can rely on:

- reducing the value of the grant,
- shorter duration of the project,
- discontinuation of its implementation.

Project flexibility

Some changes in the composition of the budget to be treated as „*business as usual*”.

FNP will adopt an attitude of *little or no risk aversion* during the lifetime of the project.

Grantees will be able to – at any stage of the project – to apply for changes, especially as a tool for risk mitigation. Upon PI request – under specified conditions – project budget might be changed: limited or increased.



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Technical information for the applicants

Dariusz Łukaszewski, PhD
FNP's Programme Officer

Project location

- Programmes open to all undertakings (public or private):
 - **Scientific units** (in part which does not include economic activity)
 - **Enterprises**
 - **Consortia** (1 Scientific unit + 1 Enterprise)
- Rules of financial support are dependent on the project location

Financial support

- **Scientific units**
 - support for 100% of eligible costs
- **Enterprises**
 - rules of state aid for R&D (GBER)
 - support intensity between 25% and 80%
- **Consortia** - budget divided in 2 parts
 - Scientific units – 100%
 - Enterprise – between 25% and 80%

State aid

- **Base aid intensity**

- **50%** for industrial research
- **25%** for experimental development

- **Bonus**

- Micro/small sized enterprise – **20 percentage points** (pp)
- Medium sized enterprise – **10 pp**

State aid

- **Special bonus - 15 pp** if one of the following conditions is fulfilled:
 - the project involves effective collaboration
 - the results of the project are widely disseminated through conferences, publication, open access repositories, or free or open source software

State aid

- **Effective collaboration:**

- between an undertaking and one or more research and knowledge-dissemination organisations
- research and knowledge-dissemination organisation bear at least 10 % of the eligible costs and have the right to publish their own research results

State aid

- **The results of the project are widely disseminated - within 3 years from the end of the project the results of the project:**
 - will be presented during at least 3 scientific/technical conferences (at least 1 on national level)
 - or
 - will be published in at least 2 scientific/technical journals listed by Ministry of Science and Higher Education (in part A) or in open access journal
 - or
 - will be entirely disseminated via free software or software with open access license



State aid

Maximum aid intensity				
<i>Enterprise status</i>	<i>Max intensity for industrial research</i>	<i>Max. intensity for industrial research with special bonus</i>	<i>Max. intensity for experimental development</i>	<i>Max. intensity for experimental development with special bonus</i>
<i>micro/small enterprise</i>	70 %	80 %	45 %	60 %
<i>medium enterprise</i>	60 %	75 %	35 %	50%
<i>big/other enterprise</i>	50 %	65 %	25 %	40 %



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How to apply?

How to apply?

- **Application form** – via electronic system
 - General information (applicant, location etc.)
 - Budget
- **Attachments**
- **Statements**

Attachments

- Brief **CV**
- Up to 3 or 5 **most important scientific and/or implementation achievements** of the Applicant (e.g. full texts of publications, patents)
- Description of the **originality of the scientific achievements** of the Applicant and their influence on the development of the given fields of science or technology
- Description of the **research program** with the planned assignment of tasks for team members, its objectives, the methodology and results of the project

Attachments

- Description of the available **apparatus** and expences planned on laboratory equipment with their justification
- Letter of intent from **project partners**
- Description of **economic or social significance**, and probable use of project results
- **Project schedule** divided into tasks
- **Indicators** of the project with the justification

Attachments (enterprises)

- Information form requested when applying for aid other than aid in agriculture or fishery, *de minimis* aid or *de minimis* aid in agriculture or fishery
- PNT-01 form for the year preceding the submission of the application or a statement that the company is not obliged to submit PNT-01 form to the CSO



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Selection process

Selection procedure

- **Formal evaluation**
- **Content based evaluation**
 - Stage 1: Scientific and economic evaluation
 - Stage 2: Reviewers score
 - Stage 3: Content-based evaluation by the interdisciplinary panel of experts

Stage 1: Scientific & Economic Panel (SEP)

- Panel members who possess adequate scientific background or experience in the implementation of innovative solutions in the R&D sector
- At least 40%, but not more than 60% of the best evaluated applications are qualified for the 2nd stage

Stage 2: Merit-based reviews

- Each application is evaluated by at least two third-party reviewers according to adopted criteria
- Members of the scientific and economic panel or of the interdisciplinary expert panel (3rd stage of evaluation) cannot act as reviewers
- Reviewers may suggest certain issues to be clarified with the Applicant on the 3rd stage of evaluation, i.e. high risk/high gain projects

Stage 3: Interdisciplinary panel of experts (IPE)

- Panel of experts representing various fields of science and one Member of the Board of the FNP (acting as chairman, without the right to evaluate applications)
- The Interdisciplinary Panel of Experts (IPE) shall evaluate, compare and rank the considered applications according to adopted criteria
- Applicant interview (project pitching, discussion with panel members, response to reviewers' comments)



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Schedule: calls for proposals

Schedule

Team

opening: **by 5th February** >> deadline: **15th March 2016**

opening: 15th May >> deadline: **30th June 2016**

opening: 15th November >> deadline: **15th January 2017**

Team Tech

opening : **by 5th February** >> deadline: **15th March 2016**

opening: 15th May >> deadline: **30th June 2016**

opening: 15th November >> deadline: **15th January 2017**

Schedule

First Team

opening : 15th February >> deadline: 24th March 2016

opening : 15th August >> deadline: 15th October 2016

Homing

opening : 15th February >> deadline: 24th March 2016

opening : 15th August >> deadline: 15th October 2016

Powroty

opening : 1st March >> deadline: 15th April 2016

opening : 15th September >> deadline: 15th November 2016

Thank you!



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