EST. 2007 AS JOINT INITIATIVE OF LOCAL AUTHORITIES AND 5 LARGEST UNIVERSITIES
EUR 200 M FOR R&D INVESTMENT AND RESEARCH PROJECTS
WROCŁAW RESEARCH CENTRE EIT+

STRIVING FOR SPECIALISATION

DRUG DISCOVERY AND DELIVERY

THERAPEUTIC AND PROPHYLACTIC VACCINES

FUNCTIONAL BIOMATERIALS AND REGENERATIVE MEDICINE

DIAGNOSTICS AND PERSONALIZED MEDICINE

DEVELOPMENT OF CUTTING EDGE SERVICE FOR BIOTECH AND PHARMA

www.eitplus.pl
STRIVING FOR SPECIALISATION
RESEARCH PROJECTS – SCIENTISTS – MARKET NEEDS

PHOTONICS
SOLAR CELLS
LASER TECHNOLOGIES
BIO SPECTROSCOPY AND NANO BIOPHOTONICS

MATERIALS ENGINEERING
FUNCTIONAL MATERIALS
COMPOSITE MATERIALS
NANOMATERIALS AND NANOSTRUCTURES

GEOLOGY AND GEOCHEMISTRY
SHALE GAS AND SHALES
CEMENT-BASED MATERIALS
CRITICAL MATERIALS AND RARE EARTH ELEMENTS

www.eitplus.pl
COOPERATION OPPORTUNITIES

- R&D GRANTS
- IP LICENSING
- COLLABORATIVE RESEARCH (A2B FORUM)
- TECH START-UP
- CONTRACT RESEARCH
- SOLVING TECHNOLOGICAL PROBLEMS
NATIONAL SCIENCE CENTRE

Prof. Henryk Kozłowski, Ph. D.
Member of the Council
of the National Science Centre
RESEARCH FUNDING IN POLAND
RESEARCH FUNDING IN POLAND

Strategic & executive level

MINISTRY OF SCIENCE AND HIGHER EDUCATION (MNiSW)

MINISTRY’S PROGRAMMES AND AWARDS

Executive agency level

BASIC RESEARCH
NATIONAL SCIENCE CENTRE

APPLIED RESEARCH
NATIONAL CENTRE FOR RESEARCH AND DEVELOPMENT
RESEARCH IN THE 2016 NATIONAL BUDGET

MNiSW
PLN 7 BN
(€ 1.7 BN)

15% PLN 1 BN
(€ 245,8 M)

40% PLN 2,8 BN
(€ 675,1 M)

39% PLN 2,7 BN
(€ 650,2 M)

5% PLN 346 M
(€ 82,9 M)

1% PLN 52,6 M
(€ 12,6 M)

1% PLN 40 M
(€ 9,6 M)

- Statutory funding for universities
- Research dissemination activities
- International cooperation
- National Centre for Research and Development (NCBR)
- National Science Centre
- Other

1 Euro = 4,1749
ABOUT THE NCN
The National Science Centre (NCN) is a government executive agency set up to fund basic research.

Basic research is original experimental or theoretical research work that strives to expand knowledge of the fundamentals of phenomena and observable facts. It is not intended to have any direct commercial application or use.

NCN regularly publishes calls for proposals for research projects, fellowships and post doctoral internships. Each researcher, regardless of their age, expertise, degree and field of study, will find a scheme that matches their needs among the NCN’s calls.

NCN monitors the progress of research projects financed under its funding schemes.
MISSION

Improving the quality of research in Poland by means of a competition-based system of funding opportunities, furthering the advancement of Polish research on the international arena.

OBJECTIVES

- Financing the best projects in the area of basic research.
- Supporting researchers starting their career in research.
- Supporting researchers wanting to establish new research teams, including interdisciplinary endeavours capable of competing on the global stage.
- Creating new employment opportunities in research projects.
- Inspiring international cooperation in research.
ORGANISATION

NCN COUNCIL
is a policy body consisting of 24 distinguished researchers selected from candidates appointed by Polish scientific institutions. The Council sets priority areas in basic research, decides on the type of programmes, specifies call regulation and selects members of the Expert Teams who are responsible for research proposal evaluations.

NCN DIRECTOR
is responsible for financial management as well as correct and efficient completion of NCN tasks. The Director is in charge of international cooperation and acts as a legal representative on behalf of the Centre.
NCN OFFICE
is responsible for processing calls for proposals and organising meetings for experts at the peer review evaluation stage. The Office provides support to the applicants and answers their queries and handles the administrative and financial affairs of the NCN.

NCN COORDINATORS
are scientific officers responsible for organising and conducting calls for proposals for research projects. Their responsibilities also include evaluation of the impartiality of the peer review process. Coordinators work within NCN three units: Arts, Humanities and Social Sciences, Life Sciences, and Physical Sciences and Engineering. They are selected by the NCN Council and must have at least a PhD.
NATIONAL SCIENCE CENTRE’S FUNDING SCHEMES
CALLS

PRE-DOCTORAL RESEARCHERS

PRELUDIUM
researchers without doctorate (academic affiliation not required)

ETIUDA
PhD candidates with a commenced registration and conferment procedure for a doctoral degree

POST-DOC RESEARCHERS

SONATA
emerging researchers with up to 7 years since the award of PhD

SONATA BIS
researchers with a PhD obtained between 2 and 12 years prior to submitting the proposal

FUGA
researchers with a PhD obtained within 7 years prior to submitting the proposal

ADVANCED RESEARCHERS

TANGO
researchers wanting to apply the results of basic research

MAESTRO
advanced researchers conducting pioneering research

SYMFONIA
eminent researchers running cross-domain projects

OPEN TO ALL RESEARCHERS

OPUS
a wide range of researchers at every stage of their research career

HARMONIA
researchers wanting to carry out projects in international cooperation
Early Career Researchers

High on the list of NCN duties is to support the growth of researchers at the pre-doctoral and doctoral level. The NCN earmarks no less than 20% of its overall funding for this purpose. Half of all proposals awarded funding were granted to young researchers.

25% of the overall funding grant under NCN calls concluded in 2015 was allocated to research projects, internships and scholarships of young researchers.

<35 51% of all proposals awarded funding in 2015 were submitted by young researchers below 35 years of age.
HS – ARTS, HUMANITIES AND SOCIAL SCIENCES

HS 1 Fundamental questions of human existence and the nature of reality
HS 2 Cultures and cultural production
HS 3 The study of the human past
HS 4 Individuals, institutions, markets
HS 5 Law, political studies, regional and social policies
HS 6 Human nature and human society
ST – PHYSICAL SCIENCES AND ENGINEERING

ST 1 Mathematics
ST 2 Fundamental constituents of matter
ST 3 Condensed matter physics
ST 4 Physical and analytical chemical sciences
ST 5 Materials and synthesis
ST 6 Computer science and informatics
ST 7 System and telecommunication engineering
ST 8 Products and processes engineering
ST 9 Astronomy and space research
ST 10 Earth system sciences

NZ – LIFE SCIENCES

NZ 1 Molecular biology, structural biology, biotechnology
NZ 2 Genetics, genomics
NZ 3 Cellular and developmental biology
NZ 4 Biology of tissues, organs and organisms
NZ 5 Human and animal noninfectious diseases
NZ 6 Human and animal immunology and infection
NZ 7 Diagnostic tools, therapies and public health
NZ 8 Evolutionary and environmental biology
NZ 9 Applied life sciences and biotechnology
PROPOSAL EVALUATION PROCESS
In order to select the very best proposals, the NCN employs an evaluation procedure based on a **two-stage peer review procedure**.

The NCN Council adopted a general rule of taking into account, in carefully considered proportion, both the *quality of the proposal and the achievements of the researchers*.

The evaluation procedure starts with an **admissibility and eligibility check performed by the NCN Coordinators** which covers assessing the proposal for completeness and accuracy of submission.

The projects are afterwards **peer reviewed by members of the NCN Expert Teams** and consists of two stages.
STAGE ONE
The proposals are evaluated by reviewers grouped in NCN expert teams appointed for each call. During a panel meeting each proposal undergoes preliminary evaluation and is either rejected or accepted for the second stage of evaluation, based on the result of peer review performed earlier by two members of the expert meeting.

STAGE TWO
Proposals accepted in the first phase undergo further evaluation by external experts, both Polish and foreign. Based on those evaluations the expert panels make final decisions on financing chosen projects. Most of the accepted proposals will be directed to foreign experts who are chosen following the recommendations of the members of the expert teams.
STAGE ONE

ELIGIBILITY CHECK

individual assessment by two members of the Expert Team

1st meeting of the Expert Team

the team decides on approving the project for stage two (usually ca. 40% of projects are approved)

rejected
STAGE TWO

FINAL LIST OF QUALIFIED PROPOSALS

ETIUDA, FUGA, SYMFONIA
interview

OPUS, PRELUDIUM,
SONATA, SONATA BIS,
MAESTRO, HARMONIA,
SYMFONIA

individual assessment
by External Reviewers,
including foreign-based
reviewers

2nd meeting of the Expert Team
ca. 16% qualified for funding
rejected

SIGNING OF THE GRANT AGREEMENT

RESULTS

23
INTERNATIONAL COOPERATION
INTERNATIONAL COOPERATION

ARTS, HUMANITIES AND SOCIAL SCIENCES

- **BEETHOVEN**
  - nauki humanistyczne
  - społeczne
  - Humanities and Social Sciences

- **HERA**
  - nauki humanistyczne
  - Humanities

- **JPI CH**
  - dziedzictwo kulturowe
  - Cultural Heritage

- **NORFACE**
  - nauki społeczne
  - Social Sciences

- **ENSAF**
  - Wyzwania miast przyszłości
  - Smart Urban Futures

PHYSICAL SCIENCES AND ENGINEERING

- **ApPEC**
  - astrofizyka cząstek
  - Astroparticle Physics

- **QuantERA**
  - technologie kwantowe
  - Quantum Technologies

- **CHIST-ERA**
  - technologie informacyjne i komunikacyjne
  - Information and Communication Sciences & Technologies

- **M.ERA NET**
  - nauki o materiałach
  - Materials Science and Engineering

LIFE SCIENCES

- **BioDivERsA**
  - biodrożność
  - Biodiversity

- **INFECT-ERA**
  - choroby zakaźne
  - Infectious Diseases

- **JPI-EC-AMR**
  - oporność na antybiotyki
  - Antimicrobial Resistance

- **JPI HDHL**
  - zdrowe żywienie
  - Healthy Diet

- **JPND**
  - choroby neuro-zwyrodnieniowe
  - Neurodegenerative Diseases
SELECTED STATISTICS
2011-2015
NCN IN NUMBERS

60 CALLS ANNOUNCED
22 INTERNATIONAL CALLS ANNOUNCED
68 CONCLUDED CALLS*

58,292 RESEARCH PROPOSALS RECEIVED
10,716 PROJECTS AWARDED FUNDING
1 bln ALLOCATED FOR RESEARCH PROJECTS
18%* SUCCESS RATE

* percentage of proposals that were awarded funding
2015 IN A NUTSHELL

Number of proposals submitted and grants awarded in calls concluded by research domain, including success rate.

<table>
<thead>
<tr>
<th>HS</th>
<th>Proposals submitted: 3429</th>
<th>Proposals approved for funding: 515</th>
<th>Success rate: 15%</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST</td>
<td>Proposals submitted: 4038</td>
<td>Proposals approved for funding: 845</td>
<td>Success rate: 21%</td>
</tr>
<tr>
<td>NZ</td>
<td>Proposals submitted: 3410</td>
<td>Proposals approved for funding: 672</td>
<td>Success rate: 20%</td>
</tr>
</tbody>
</table>

SYMFONIA

<table>
<thead>
<tr>
<th>Proposals submitted</th>
<th>Proposals approved for funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>62</td>
<td>6</td>
</tr>
<tr>
<td>Success rate: 10%</td>
<td></td>
</tr>
</tbody>
</table>
EXPERTS AND REVIEWERS

2015
1 253 experts in 92 Expert Teams.

7 308 External Reviewers who contributed 9 553 reviews.

79% of them were foreign-based reviewers who contributed 5 773 reviews.

Number of External Reviewers in 2015
More information available at:

www.ncn.gov.pl

Thank you for your attention!