



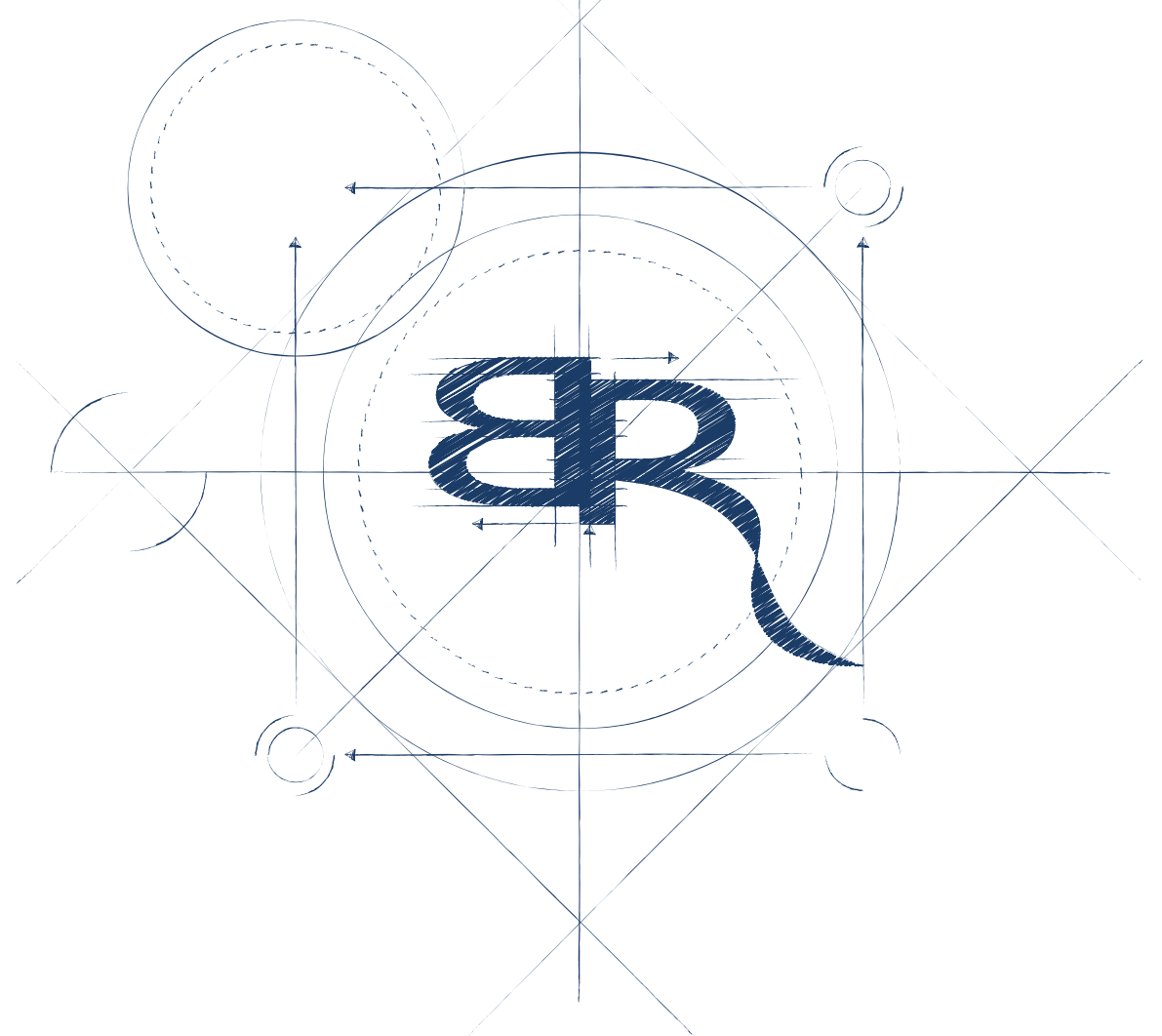
The National Centre  
for Research and Development

# NCBR's ROLE IN THE INNOVATION ECOSYSTEM IN POLAND

Brussels | 1.06.2022

# Who are we?

- executive funding agency of the Ministry of Education and Science
- bringing together science and business through co-funding of **R&I projects**
- carrying out tasks facilitating **Poland's social and economic growth** and seeking solutions to specific civilisational issues
- **Intermediate Institution for ESIF:** in the Operational Programmes: Smart Growth and Knowledge, Education, Development (2014-20) EU Funds for Smart Economy and EU Funds for Social Development (2021-27)



# The largest R&D funding and co-funding Agency in Central Europe

## INSTITUTIONAL OUTREACH



### DIVERSITY OF ACTIVITIES



**42 calls**  
in 2021

### TERRITORIAL OUTREACH



**12 bilateral agreements** with  
Singapore, Taiwan, RSA,  
Israel and EU Member States

2008-2021 we spent **16 bln €** for  
Polish enterprises, universities and  
research institutes to support R&I  
projects, encouraging both  
experienced and start-up  
entrepreneurs and scientists to  
start work on **innovations**

### FINANCIAL RESOURCES



**over**  
**1 bln €** a year for  
R&I

### STATE DEFENCE AND SECURITY



# NCBR – new way for funding R&I

## Creating effective ecosystem for funding innovations in Poland



addressing the  
needs of **clearly  
defined client**



creating  
**comprehensive  
research programs** with  
the project portfolio



changing the role of the  
state from the  
administrator of R&I funds  
to the role of the **market  
organiser**



**pull innovation** –  
directing the market  
innovation

# Innovative public procurement

## Method 1: Pre-Commercial Procurement (PCP)

- NCBR determines the research challenge and orders technology,
- Several contractors compete with their R&I solutions to advance it to the next stage,
- The results of the projects are technologies and demonstrators developed,
- Green Deal compliant programmes: Hydrogen Storage, Electric VAN, Biogas Plant, Heating Plant of the Future

## Method 2: Great Challenges

- NCBR determines the research challenge (e.g. mini wind turbine),
- The result of the projects are prototypes of solutions ready for further development.



## European Innovation Procurement Awards (EUIPA) 2021

**2nd place** in Innovation procurement strategy category

# International cooperation – global market for national innovations



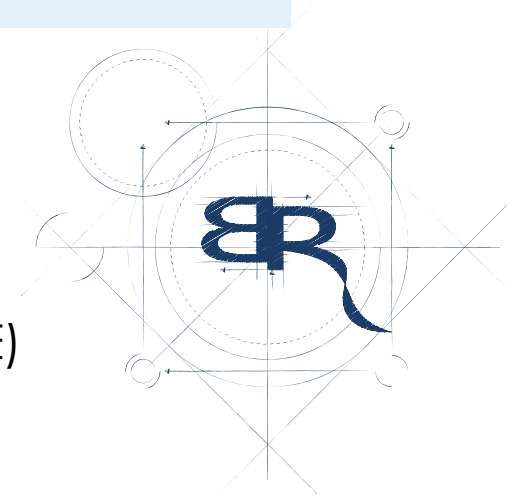
- implementation of **bilateral cooperation** programmes
- coordination of the research program under the **EEA and Norway Grants**
- preparation and coordination of partnerships under the Framework Programme **Horizon Europe and Euratom**
- implementation of multilateral international research programs under the **Horizon 2020** framework programme
- coordination of the **EUREKA, INNOGLOBO, Teaming for Excellence** programmes and competitions
- coordination of the NCBR activities in **TAFTIE network**
- maintaining international contacts of the NCBR
- representing NCBR in the committees and international programmes



# International cooperation

## **NCBR is the national coordinator in partnerships in the Horizon Europe and EURATOM:**

- ERA4Health – health and clinical trials
- Transforming Health and Care Systems (THCS)
- Personalised Medicine
- Rare Diseases
- Driving urban transitions to a sustainable future (DUT)
- Clean Energy Transition (CEPT)
- Sustainable Blue Economy
- Water4All
- Innovative SMEs
- High Performance Computing (HPC)
- Key Digital Technologies (KDT) - Chips
- Research in radiation protection and detection of ionising radiation (PIANOFORTE)





# NATIONAL CONTACT POINT

**Team of 40 experts working with European Commission to implement Framework Programme Horizon Europe (2021-2027), supporting Polish research units, entrepreneurs and other entities entitled to participate in the programme**

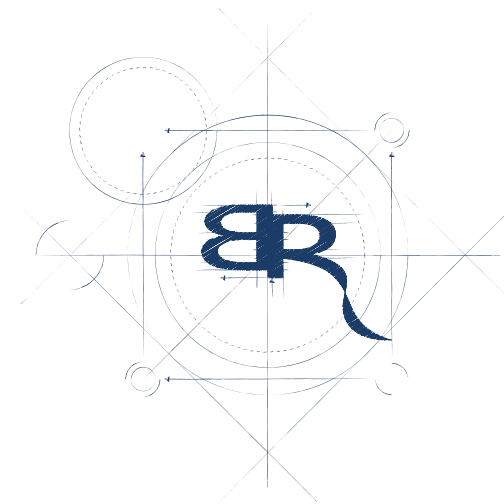
- free consultations, trainings and brokerage support, workshops, conferences, info days
- consultations on the proposals and project implementation
- tailor-made activities for individuals interested in applying to HE
- organisational, financial and legal advice for applicants and beneficiaries
- assistance in finding partners for international consortia
- activities to **optimize system solutions in PL in order to strengthen participation in HE** - searching, building and escalating synergies (between Horizon Europe and national and other EU programmes for the Polish beneficiaries)





# POLISH SCIENCE AND BUSINESS VOICE IN BRUSSELS– NCBR Office

- NCBR, as a strategic partner of the Employers' Association **Business & Science Poland**, cares for the appropriate representation of the interests of the Polish scientific and innovative community in Brussels.
- **NCBR** participates in Programme Committees, Partnerships Knowledge Hub, ERA Forum and consultations, meetings, expert groups related to EU research and innovation policy.
- The key goal of the NCBR office in Brussels is to work actively to increase the level of participation of Polish scientific institutions and innovative companies in the **Horizon Europe** programme and beyond.



# POLISH SCIENCE AND BUSINESS VOICE IN BRUSSELS– NCBR Office

## 1. NETWORKING & COOPERATION



## 2. EVENTS IN BRUSSELS & ON-LINE



## 3. INFORMATION ON EU RESEARCH AND INNOVATION POLICIES AND PROGRAMMES & POLISH SUCCESS STORIES

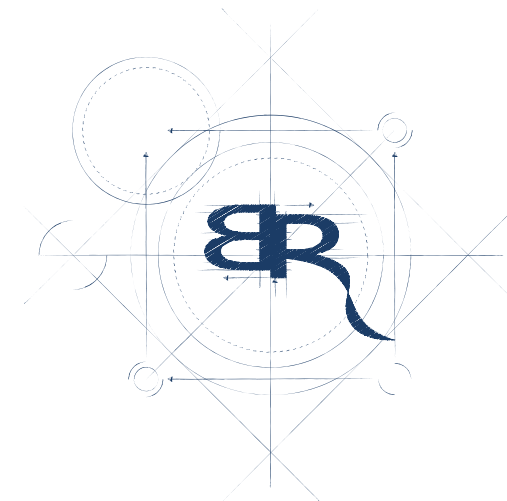


## POLISH SCIENCE AND BUSINESS VOICE IN BRUSSELS– NCBR Office

1. **Networking** with the European Commission, PE, IGLO, PolSCA PAN and PL regional offices in Brussels.
2. Joining the **Science Business** network gathering industry, academia, associations and R&I funding agencies.
3. **45 events** organized in 2021 (1 physical event, 27 matchmaking and open webinars, 17 closed meetings) for over **4000 attendees**.
4. Participation in the **TRAMI project** from Horizon Europe regarding the coordination of European missions.
5. Coordination with the Permanent Representation of Poland to the EU and Polish Ministry of Education and Science of PL participation in the **European partnerships**.
6. Participation in **external conferences** as speakers.

BSP

BUSINESS & SCIENCE  
POLAND





The National Centre  
for Research and Development

# Thank you

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