

List of projects for which the NCBR granted funds

Programme/call: Programme "Applied research" under the Norwegian Financial Mechanisms 2014 – 2021 / Small Grant Scheme Call				
Thematic areas: not applicable				
Submission dates: 28.09-11.12.2020				
No.	Acronym	Applicant / Project Promoter	Project title	Granted funding [PLN]
1	IL-HYDROGEN	Nicolaus Copernicus University in Toruń	Pt-free graphene-based catalysts for water splitting technology as green method for hydrogen production	899 925,00
2	TEX-WATER-REC	Lodz University of Technology	Modern wastewater treatment with plasma-prepared catalyst for textile wastewater recycling	821 990,00
3	INPORR	Gdańsk University of Technology	Integrated technology for nitrogen and phosphorus removal and recovery in municipal wastewater treatment plants	902 572,70
4	HyStor	Wroclaw University of Science and Technology	Improving the Efficiency of Hydrogen Storage Vessels through Novel Oxide Coatings	900 417,67
5	BANANO	Institute of High Pressure Physics Polish Academy of Sciences	Buried periodic Arrays of NANOchannels for single-frequency nitride lasers	902 752,50
6	CompoChar	Wroclaw University of Environmental and Life Sciences	The Synergy of Biological and Thermochemical Treatment of Biowaste to Reduce the Environmental Impact and Increase Process Efficiency	872 283,46
7	FlowChar	Silesian University of Technology	Flow electrodes from biomass-derived char	878 750,00
8	BioAbsMat	Institute of Metallurgy and Materials Science of Polish Academy of Sciences	New generation material for application in bioabsorbable orthopedic implants	909 425,00

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9	DMOPV	Polish Academy of Sciences Institute of Metallurgy and Materials Science	Doping of metal oxides with particular emphasis on copper oxide, by spray coating method to reduce its resistivity for use in a thin-film heterojunction and perovskite solar cells	548 948,75
10	GalvaNiB	Łukasiewicz Research Network - Institute of Precision Mechanics	New electroless Ni-B/B and Ni-B/MoS ₂ composite coatings with improved mechanical properties	909 725,00
11	ENDLESS-Mol	Nicolaus Copernicus University in Toruń	Engineering a Novel, Diverse, Library-based Electronic Structure Suit for Molecular Design	732 500,00
12	CerChamber	Łukasiewicz Research Network - Institute of Ceramics and Building Materials	Development of ceramic and ceramic composite combustion chamber fabrication	903 119,55
13	3DforCOMP	TECHNOLOGY PARTNERS Foundation	3D printing and nanotechnology for electromagnetic shielding of CFRP structures	909 527,66
14	BioLigaMed	Institute of Fundamental Technological Research Polish Academy of Sciences	Preclinical study of the implant for reconstruction of the cruciate ligament with a substitute for bone regeneration	896 192,50
15	engiSCAF	Lodz University of Technology	Novel composite biopolymer scaffolds of customizable porous structure and preset biological activity	770 000,00
16	TAISTI	Poznan University of Technology	Development of a Technology based on Artificial Intelligence for inferring SubsTitutable recipe Ingredients	856 994,83
17	Intelligent_XRay_Det	AGH University of Science and Technology	Pixel readout integrated circuit with intelligent X-ray detection	825 000,00
18	VariaT	Institute of Geophysics Polish Academy of Sciences	Variability of arctic river thermal regimes in a changing climate	740 303,62

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19	ACIPHAGE	Ludwik Hirszfeld Institute of Immunology and Experimental Therapy Polish Academy of Science	Study of the composition of a bacteriophage preparation specific to multi-drug resistant <i>Acinetobacter baumannii</i> clinical strains	800 000,00
20	BIPOLAR	The Systems Research Institute of the Polish Academy of Sciences	Bipolar disorder prediction with sensor-based semi-supervised learning	896 250,00
21	INNOQPTECHNOL	Silesian University of Technology	Innovative quenching and partitioning medium-manganese steels – novel technological concepts for ultra-high strength and ductile automotive sheets and plates	826 000,00
22	NITROsens	Gdańsk University of Technology	Voltammetric detection of nitro-explosive compounds using hybrid diamond-graphene sensors: field monitoring of emerging contaminants in the Baltic Sea region	909 925,00
23	MECHEX	Cracow University of Technology	New method of calculation and experimental studies of cross-flow heat exchangers made from tubes with individual or continuous fins	883 250,00
24	ForMag	Lublin University of Technology	New technology of forming magnesium alloy wheels for light vehicles	910 040,00
25	DesignHyCap	Wroclaw University of Science and Technology	Design and optimization of hybrid capacitors based on transition metal compounds/carbon nanostructures composites	574 400,00
26	GrooveNeuroTube	Adam Mickiewicz University	Multifunctional groove-patterned tubes for increased regeneration of peripheral nervous system after injuries	858 500,00
27	RenMet	Łukasiewicz Research Network — Institute of Non-Ferrous Metals	Innovative hydrometallurgical technologies for the production of rhenium compounds from recycled waste materials for catalysis, electromobility, aviation and defense industry	903 875,00