

List of projects implemented in NCBR

Programme/call: Programme "Applied research" under the Norwegian Financial Mechanisms 2014 – 2021 / POLNOR 2019							
Thematic areas: Welfare, health and care; Digital and industry; Food and natural resources; Energy, transport and climate; Social and economic development; Unmanned vehicles							
Submission dates: 23/09/2019 - 12/12/2019							
No.	Project contract no.	Applicant / Project Promoter and project partners of the consortium	Project title	Project start date	Project completion date	Total project costs [PLN]	Granted funding [PLN]
1.	NOR/POLNOR/ACTIVATE /0046/2019-00	Silesian University of Technology, Norwegian University of Science and Technology, University of Agriculture in Krakow, LOGE Polska Sp. z o.o.	Ammonia as carbon free fuel for internal combustion engine driven agricultural vehicle	2020-10-01	2023-10-01	6 584 204,22	6 334 748,18
2.	NOR/POLNOR/ALTERCAR /0056/2019-00	Medical University of Warsaw, Oslo University Hospital, Pure Biologics S.A.	Development of alternative CAR constructs targeted against refractory B-cell malignancies	2021-01-01	2024-01-01	6 655 250,00	6 572 725,00
3.	NOR/POLNOR/ARICA/0022/2019-00	Space Research Centre Polish Academy of Sciences, NORCE Norwegian Research Centre AS, National Foundation for Environmental Protection, UNEP/GRID-Warsaw Centre, University of Warsaw	A multi-directional analysis of refugee/IDP camp areas based on HR/VHR satellite data	2020-09-01	2023-09-01	6 572 778,84	6 343 480,04

List of projects implemented in NCBR

4.	NOR/POLNOR/BHEsINNO/0018/2019-00	AGH University of Science and Technology, MuoviTech Polska Sp. z o.o. , University of Stavanger	Innovation in Underground Thermal Energy Storages with Borehole Heat Exchangers	2020-07-01	2023-07-01	6 919 386,75	6 525 086,65
5.	NOR/POLNOR/BioCoke4FAI/0070/2019-00	Institute for Chemical Processing of Coal, SINTEF AS, ERAMET NORWAY AS, Koksownia Częstochowa Nowa Sp. z o.o.	Bio-coke for ferroalloys industry production	2021-01-01	2024-01-01	6 792 278,00	6 275 990,46
6.	NOR/POLNOR/CellMat4ever/0063/2019-00	Poznań University of Life Sciences, Norwegian Institute of Bioeconomy Research, POSkładani.pl A.T. Nowak spółka jawna	Innovative fire- and water resistant cellulose-based material	2020-11-01	2023-11-01	4 389 010,00	4 225 010,00
7.	NOR/POLNOR/CoBotAGV/0027/2019-00	Silesian University of Technology, AIUT Sp. z o.o., Western Norway University of Applied Sciences	Automated Guided Vehicles integrated with Collaborative Robots for Smart Industry Perspective	2020-10-01	2023-10-01	7 463 750,00	6 560 437,50
8.	NOR/POLNOR/DIGEST-PLAST/0055/2019-00	Gdańsk University of Technology, Zakład Utylizacyjny Sp. z o.o., Aquateam COWI AS	Methane fermentation of biomass containing biodegradable polymeric material	2020-11-01	2023-11-01	5 805 187,46	5 522 914,64

List of projects implemented in NCBR

9.	NOR/POLNOR/DigiFloDock/0009/2019-00	Gdańsk University of Technology, University of Stavanger, Myklebust Verft AS, CoreMarine AS	A Floating Dock Digital Twin towards Efficient, Safer and Autonomous Docking Operations	2021-02-01	2021-02-01	6 290 558,75	6 032 577,00
10.	NOR/POLNOR/DUALDRUG/0058/2019-00	University of Wrocław, Oslo University Hospital, Pure Biologics S.A.	Novel targeted therapy based on dual warhead conjugates against FGFR-dependent cancers	2020-10-01	2023-10-01	6 571 292,00	6 508 272,00
11.	NOR/POLNOR/ELANORE/0001/2019-00	Gdańsk University of Technology, SINTEF AS, EKKOM Sp. z o.o.	Improvement of the EU tyre labelling system for noise and rolling resistance	2020-09-01	2023-09-01	5 422 225,00	5 279 325,00
12.	NOR/POLNOR/ENDURE/0019/2019-00	Gdynia Maritime University, Norges Teknisk-Naturvitenskapelige Universitet, E-Marine Wojciech Tycholiz, Waterborne Transport Innovation	Detection, prediction, and solutions for safe operations of MASS	2021-01-01	2024-01-01	6 410 415,00	5 921 856,29
13.	NOR/POLNOR/EnerGizerS/0036/2019-00	AGH University of Science and Technology, Mineral and Energy Economy Research Institute - Polish Academy of Sciences, SINTEF Energi AS, Norwegian University of Science and Technology, EXERGON Sp. z o.o.	CO2-Enhanced Geothermal Systems for Climate Neutral Energy Supply	2020-10-01	2023-10-01	5 932 700,00	5 793 975,00
14.	NOR/POLNOR/FrostWave/0029/2019-00	Silesian University of Technology, Norwegian University of Science	Development of novel microwave-assisted freeze-drying unit combined with natural	2020-10-01	2023-10-01	7 155 825,60	6 571 720,35

List of projects implemented in NCBR

		and Technology, SINTEF Energy Research, FrostX Sp. z o.o.	working fluid-based refrigeration system for agriculture and marine foods				
15.	NOR/POLNOR/GrasSAT/0031/2019-00	Institute of Geodesy and Cartography, Poznań University of Life Sciences, Norwegian Institute of Bioeconomy Research, NORCE Norwegian Research Centre AS, GEOMATIC Michał Wyczątek-Jagiełło	Tools for information to farmers on grasslands yields under stressed conditions to support management practices	2020-06-01	2023-06-01	4 369 064,40	4 281 501,90
16.	NOR/POLNOR/GRASS-NEXT/0072/2019-00	Maritime University of Szczecin, The Institute of Transport Economics - Transportøkonomisk institutt, VITRONIC Machine Vision Polska Sp. z .o.o.	GReen And SuStainable - kNoeledge EXpanded freight Transport in cities	2020-09-01	2023-09-01	4 458 837,50	4 213 071,87
17.	NOR/POLNOR/HAPADS/0049/2019-00	Gdańsk University of Technology, Norwegian Institute for Air Research, University of Tromsø - The Arctic University of Norway, AGH University of Science and Technology, Wrocław University of Science and Technology, Logistics Enhancement Systems and Services Sp. z o.o.	Highly Accurate and Autonomous Programmable Platform for Providing Air Pollution Data Services to Drivers and Public	2020-10-01	2023-10-01	6 648 075,00	6 561 075,00
18.	NOR/POLNOR/HERA/0043/2019-00	University of Warsaw, University of Oslo, InPhoCat - Innovative Photocatalytic Solutions Sp. z o. o.	HERA (Hydrogen Energy Rechargeable Architectures): Coupling of	2020-07-01	2023-07-01	6 475 885,27	6 274 111,27

List of projects implemented in NCBR

			on-demand hydrogen generation and storage				
19.	NOR/POLNOR/Hetman/0073/2019-00	Adam Mickiewicz University, Akustix Sp. z o. o., AGH University of Science and Technology, Stifelsen SINTEF, P.O., Institute of Environmental Protection - National Research Institute, Central Mining Institute, Nofer Institute of Occupational Medicine, Polish Wind Energy Association	Healthy society-towards optimal management of wind turbines' noise	2021-04-01	2024-04-01	4 799 511,25	4 508 275,00
20.	NOR/POLNOR/IceMan/0061/2019-00	Fundacja Partnerstwa Technologicznego TECHNOLOGY PARTNERS, SINTEF AS, MSP INNTECH Sp. z o.o., Funzionano AS	Anti-icing sustainable solutions by development and application of icephobic coatings	2020-09-01	2023-09-01	6 401 015,38	6 051 669,88
21.	NOR/POLNOR/i-CLARE/0038/2019-00	Institute of Biotechnology and Molecular Medicine, Gdańsk University of Technology, SensDx JSC, Norwegian Institute for Air Research	Intelligent remediation system for removal of harmful contaminants in water using modified reticulated vitreous carbon foams	2020-10-01	2023-10-01	6 482 375,06	6 402 250,06

List of projects implemented in NCBR

22.	NOR/POLNOR/InCoNaDa/0050/2019-00	Institute of Geodesy and Cartography, Lodz University of Technology, Institute of Environmental Protection - National Research Institute, Eversis Sp. z o.o., Norwegian institute for bioeconomy research	Enhancing the user uptake of Land Cover / Land Use information derived from the integration of Copernicus services and national databases	2020-10-01	2023-10-01	5 984 484,00	5 828 690,00
23.	NOR/POLNOR/LEPoUAV/0066/2019-00	Silesian University of Technology, SKYTECH ELAB Sp. z o.o., University of Warsaw, Norwegian Research Centre (NORCE)	Long-endurance UAV for collecting air quality data with high spatial and temporal resolutions	2020-07-01	2023-07-01	6 566 477,16	6 274 392,38
24.	NOR/POLNOR/Mod4GrIn/0013/2019-00	Institute for Ecology of Industrial Areas, Norwegian Institute of Bioeconomy Research, CommLED Solutions, sp. z.o.o.	Mod4GrIn - self-sustainable, smart module for city green infrastructure in climate change adaptation	2020-09-01	2023-09-01	4 484 257,88	4 360 302,05
25.	NOR/POLNOR/MoReSiC/0003/2019-00	Warsaw University of Technology, Norwegian University of Science and Technology, MARKEL Sp. z o.o.	Modularized, Reconfigurable and Bidirectional Charging Infrastructure for Electric Vehicles with Silicon Carbide Power Electronics	2020-10-01	2023-10-01	5 186 008,31	4 929 601,81
26.	NOR/POLNOR/MPSS/0037/2019-00	Port of Gdynia Authority S.A., Gdańsk University of Technology, Gdynia Maritime University, Norsk institutt for Vannforskning, Miros AS	Marine port surveillance and observation system using mobile unmanned research units	2021-02-01	2024-02-01	6 715 051,63	5 454 456,03

List of projects implemented in NCBR

27.	NOR/POLNOR/POLNOR-RHEUMA/0026/2019-00	Jagiellonian University Medical College, Sorlandet Sykehus Hospital, Kambu Sp. z o.o., DiaGraphIT AS	The POLish NORwegian research collaboration to increase quality of health care and improve health outcomes of children and adult patients with RHEUMAtological diseases – the POLNOR RHEUMA project	2021-01-01	2024-01-01	7 103 020,78	6 267 204,92
28.	NOR/POLNOR/PrevEco/0021/2019-00	Mossakowski Medical Research Centre Polish Academy of Sciences, Norwegian University of Life Sciences, TINE SA	OneHealth approach to sustainable prevention and treatment of infectious diseases	2021-01-01	2024-01-01	6 694 600,00	6 570 600,00
29.	NOR/POLNOR/QualityBerry/0014/2019-00	Instytut Ogronictwa - PIB, Norwegian Institute of Bioeconomy Research, Graminor Ltd.	Improving plant quality and economy for a more sustainable and efficient berry production.	2021-01-01	2024-01-01	5 477 502,09	5 457 783,09
30.	NOR/POLNOR/REFSA/0059/2019-00	Warsaw University of Technology, Tecna Sp. z o.o., National Institute of Public Health - National Institute of Hygiene, Oslo Metropolitan University, Norwegian Institute of Public Health	Machine Learning-based systems for the automation of systematic literature reviews in food safety domain	2020-10-01	2022-10-01	5 655 879,97	5 245 983,96

List of projects implemented in NCBR

31.	NOR/POLNOR/SafeFood Ctrl/0034/2019-00	Mossakowski Medical Research Centre, Polish Academy of Sciences, Nofima, Veterinærmedisinsk oppdragssenter AS	Sustainable and safe food production by novel control strategies of bacteria in the food chain	2021-01-01	2024-01-01	6 908 950,00	6 563 860,00
32.	NOR/POLNOR/SilRef/0004/2019-00	Łukasiewicz Research Network - Institute of Non-Ferrous Metals, Elkem ASA, Technology	Development of reference materials for silicon industry - improvement of quality assurance	2020-09-01	2023-09-01	2 700 144,70	2 293 745,72
33.	NOR/POLNOR/SIREN/0069/2019-00	Poznan University of Technology, AQUANET SA, Gdańsk University of Technology, Silesian University of Technology, University of Warmia and Mazury in Olsztyn, Norwegian Institute for Water Research, Vestfjorden Avløpsselskap	Integrated system for Simultaneous Recovery of Energy, organics and Nutrients and generation of valuable products from municipal wastewater	2020-10-01	2023-10-01	6 789 722,31	6 361 593,56
34.	NOR/POLNOR/SNIT/0033/2019-00	Wrocław University of Science and Technology, Miejskie Przedsiębiorstwo Wodociągów i Kanalizacji S.A., Silesian University of Technology, Aquateam COWI AS, AQUANET S.A.	Shortcut nitrification in activated sludge process treating domestic wastewater - key technology for low-carbon and clean wastewater treatment	2020-10-01	2023-10-01	7 526 700,75	6 553 600,75
35.	NOR/POLNOR/TEPCAN/0057/2019-00	Medical University of Warsaw, Institute of Nuclear Chemistry and Technology, University of Warsaw, University of Bergen, Norwegian	Theranostic Exosomes in Personalized Cancer Nanomedicine	2020-10-01	2023-10-01	6 528 354,11	6 475 770,11

List of projects implemented in NCBR

		Institute for Air Research, NorGenoTech AS					
36.	NOR/POLNOR/UPTURN/ 0060/2019-00	redoxme AB sp. z o.o. Oddział w Polsce, SINTEF AS, Gdańsk University of Technology, Institute of Physical Chemistry, Polish Academy of Sciences	Microfluidic cells for high- throughput multiple response analyses	2020-11-01	2023-11-01	6 431 499,85	5 917 099,88
37.	NOR/POLNOR/WasteVal ue/0002/2019-00	Poznan University of Technology, Gdańsk University of Technology, Silesian University of Technology, Aquateam COWI AS, A&A Biotechnology s.c., Prochimia Surfaces sp. z o.o.	Anaerobic biorefinery for resource recovery from waste feedstock	2020-12-01	2023-12-01	6 871 859,90	6 564 322,90
38.	NOR/POLNOR/WOOLUM E/0007/2019-00	University of Bielsko-Biała (Akademia Techniczno- Humanistyczna w Bielsku-Białej), Centrum Produktu Regionalnego w Koniakowie Maria Kohut, Oslo Metropolitan University, Selbu spinneri AS	Polish sheep wool for improved resource utilisation and value creation	2020-09-01	2023-09-01	4 118 250,00	3 954 250,00