



List of projects to which the Centre has awarded funding

Programme/call: Research and Innovation Programme, Applied Research under the Swiss-Polish Cooperation Programme, CALL 2024 Submission dates: 22/04/2024 – 01/07/2024				
No.	Application number or acronym	Programme Component Operator/Programme Component Partners	Project title	Granted funding
1.	SPPW/MISAME/0006/2024	Cellis Sp. z o.o., University Hospital of Zürich	Understanding the mechanism of immune system activation and identifying the makers of the efficacy of innovative glioma macrophage therapy	3650188.62 zł
2.	SPPW/ASCEND/0010/2024	Gdańsk University of Technology, Empa - Swiss Federal Laboratories for Materials Science and Technology, Siloxene AG	Accelerating High-Capacity Lithium-Ion Batteries with Silicon based Ceramics CompositE ANoDes	4357879.36 zł
3.	SPPW/IMAGEUP/0015/2024	Institute of Geodesy and Cartography, Gamma Earth Sarl	Applying Super-resolution Sentinel 2 IMages for enhAncinG user Experience and increasing Uptake of satellite data among End Users	3977718.85 zł



4.	SPPW/SWIRLS/0019/2024	Wroclaw University of Science and Technology, Military University of Technology, VIGO Photonics S.A., Swiss Federal Institute of Technology Zürich	Sensitive Wideband Infrared Laser Spectroscopy	4367568.28 zł
5.	SPPW/PIC4MIR/0035/2024	Airoptic Sp. z o.o., CSEM - The Swiss Centre for Electronics and Microtechnology, LIGENEC S.A.	Widely tunable mid-infrared source for industrial gas monitoring	4380105.35 zł
6.	SPPW/QCVCSEL/0054/2024	Lodz University of Technology, Łukasiewicz – Instytut Mikroelektroniki i Fotoniki, Wrocław University of Science and Technology, Airoptic Sp. z o.o., ETH Zurich	Quantum-cascade vertical cavity surface emitting laser for gas sensing	4481456.29 zł
7.	SPPW/IntraMotionOCT/0059/2024	Wrocław University of Science and Technology, Zaamigo AG	Development of IntraMotion OCT: The first Optical Coherence Tomography (OCT) intraoral scanner for surface and volumetric dental Imaging in motion.	3967877.63 zł
8.	SPPW/DEPOION/0063/2024	Łukasiewicz Research Network - Poznań Institute of Technology, Bern University of Applied Sciences, The Batteries Sp. z o.o., Swiss Federal Laboratories for Materials Science and Technology	Novel Technology for Deposition of LIPON Solid State Ionic Conductors for Li-Ion Batteries	4185209.15 zł
9.	SPPW/CHITOCARE/0074/2024	University of Gdańsk, University of Zurich, Gdańsk University of Technology, "KAEM" MARIA KRYSTYNA KRUPSKA-MARIA KOSCHALKA	Peptide-Chitosan Composites as New Biomaterials for	4391989.75 zł



			Diabetic Wound Care with Peptide Power and Hydrogel Magic!	
10.	SPPW/FEMTOSHAPE/0075/2024	Fluence Spółka z Ograniczoną Odpowiedzialnością, Bern University of Applied Sciences	Advanced temporal shaping of ultrashort laser pulses for processing of bandgap materials	3756418.86 zł
11.	SPPW/MAUN/0076/2024	Łukasiewicz Research Network - Industrial Research Institute for Automation & Measurements PIAP, Inveel GmbH, The École Polytechnique Fédérale de Lausanne	Soft manipulation of objects with dexterous sensors-equipped hand	4336470.69 zł
12.	SPPW/BreadBiotic/0077/2024	REBREAD ALCOHOL & BEVERAGES LTD, Swiss Federal Institute of Technology in Zurich	Development of Innovative Probiotic and Postbiotic Beverage Formulations from Surplus Bread within a Circular Economy Framework	3252009.14 zł
13.	SPPW/HydroProCera/0078/2024	Warsaw University of Technology, Empa - The Swiss Federal Laboratories for Materials Science and Technology, AGH University of Krakow, CEREL - Ceramic Department of Institute of Power Engineering	Enhanced Hydrogen Production from Ammonia using Advanced Catalysts Anchored on Ceramic	4477750.00 zł



			3D Printed Lattices and Microbeads	
14.	SPPW/MOBIALD/0086/2024	Centrum Badań i Rozwoju Technologii dla Przemysłu S.A., AGH University of Krakow (Akademia Górniczo-Hutnicza im. St. Staszica w Krakowie), MeasLine Sp. z o.o., EMPA, Swiss Laboratories of Materials Science and Technology, Laboratory for Mechanics of Materials and Nanostructures	Mobile ALD system for in-vacuo surface science measurements	4478140.32 zł
15.	SPPW/MOLCAR/0087/2024	Warsaw University of Technology, Ecole Polytechnique Federale de Lausanne, Fuel Cell Poland	Modular system based on Molten Carbonate Electrolysis supported by solar energy designed for synthetic fuels generation	4432162.82 zł
16.	SPPW/Sph4Polym/0090/2024	Alpha Powders Sp. z o.o., OST University of Applied Sciences of Eastern Switzerland, ROWAK AG	Enhancing and creating new polymer powders with spheroidization technology	4484196.20 zł