

Grant Agreement Register

Call for proposals "Seal of Excellence under the Synergies program" - DIGIT.2.2.01

Status: Open

Allocation: 2.500.000,00 €



No	Reference number of Grant Agreement	Title of project	Date of signing Grant Agreement	Beneficiary	OIB	Type of project (MSCA PF, ERC PoC or EIC Pre-Accelerator)	Project description	Project duration (in months)	Total project amount	Total grant amount
1	DIGIT.2.2.01.001	Utopia as Educational Practice in Architecture: New Methods for Envisioning Transformational Change	8.7.2025.	University of Zagreb Faculty of Architecture	42061107444	MSCA PF	EDUTOPIA promotes experimental and interdisciplinary approaches in architectural education to tackle today's socio-spatial challenges. The project develops new design studio methods that foster transversal thinking and equip students to create meaningful spatial and societal change. Combining insights from architecture, planning, and critical theory, these methods will be tested in education and practice, including real-world planning projects. Results will be shared through an open-access platform to support reforms in architectural academia and promote a broader, more inclusive vision of spatial practice.	30	202.362,00 €	202.362,00 €
2	DIGIT.2.2.01.004	Mechanical performance evaluation and design optimisation of a novel composite support structure for large-capacity offshore wind turbines	16.9.2025.	University of Rijeka, Faculty of Civil Engineering	92037849504	MSCA PF	The project proposes a novel support structure for large-capacity offshore wind turbines: a tapered concrete-filled double-skin steel tube wrapped in carbon-fibre reinforced polymer. This composite aims to improve load-bearing capacity, buckling resistance, corrosion protection, and reduce self-weight compared to conventional monopiles. Mechanical performance and dynamic behaviour under marine conditions will be analysed, and methods for capacity evaluation, bond durability, and structural optimization will be developed, supporting Europe's renewable energy goals and advancing the researcher's expertise.	24	187.631,76 €	187.631,76 €
3	DIGIT.2.2.01.003	GlycoCardio 2023	13.2.2026.	Genos Ltd	17560201884	ERC PoC	The GlycoCardio project aims to translate research on IgG glycans into an innovative cardiovascular disease (CVD) risk prediction test. The project focuses on real-world validation, assessment of responsiveness to lifestyle interventions, and development of the GlycoCardio App for personalized CVD risk management. Key objectives include clarifying sex-specific glycan differences, validating the test in clinical settings, and enabling dynamic risk tracking. Target beneficiaries include individuals at risk of CVD, healthcare providers, researchers, and clinical laboratories. Expected outcomes include validation of IgG glycans as CVD biomarkers, a novel early-detection tool, personalized prevention strategies, and commercialization through GlycanAge Ltd, supporting future regulatory approval and clinical integration.	18	150.000,00 €	150.000,00 €
4	DIGIT.2.2.01.005	CRISPR/dCas9 toolbox for epigenome and genome editing	13.2.2026.	Genos Ltd	17560201884	ERC PoC	CRISPR/Cas9 and CRISPR/dCas9 technologies have transformed epigenetic research, but their wider use is limited by the lack of accessible and flexible toolboxes. A modular CRISPR/dCas9 toolbox was developed, enabling customizable combinations of gRNAs, promoters, effector domains, Cas9 orthologs, and regulatory elements. Expanded within the ERC Synergy project GlycanSwitch, the toolbox now supports manipulation of multiple histone modifications. The proposed PoC aims to create an online EpiGen-toolbox platform to ensure global accessibility, support collaborative development, and validate functionality through use-case experiments for research and pharmaceutical applications.	18	150.000,00 €	150.000,00 €
Total									689.993,76 €	689.993,76 €