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List of funded Business Experiment sub-projects

Location of the Main SME End-User	Business Experiment Title
Austria	Specialized and Auditable Knowledge Graphs for Enterprise AI
Italy	Guidance & Atmospheric Inference for Station-Keeping
Greece	Optimising Hydrometallurgical Leaching with HPC and CFD for PGM Recovery
Italy	Sounds Recognition with High-performance AI Real-Time Processing
Slovenia	HPC-Accelerated Deep Learning for Early Bark Beetle Outbreak Detection
Italy	HPC Virtual Testing for Ski Boots
Slovenia	AI-Powered Platform for Intelligent CAE Simulation
The Netherlands and Spain	HPC-Based Aerodynamics Surrogate Model For Wind Assisted Ship Propulsion Performance Predictions



EuroHPC
Joint Undertaking

This project has received funding from the European High-Performance Computing Joint Undertaking (JU) under grant agreement No 101163317. The JU receives support from the Digital Europe Programme.



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Czech Republic	EU Blue Card Knowledge Engine – AI-powered Pan-European Eligibility Platform
Belgium	Large-Scale Auditory Brain Response Analysis for Hearing Diagnostics and Outcome-Driven Rehabilitation
North Macedonia	AI-Powered Agent for Semantic Discovery of Legal Precedents
Poland	Predicting and Ranking Peptide-Enzybiotic Conjugates with Enhanced Intracellular Bacteriolytic Activity, thereby Streamlining Commercialization by Facilitating the Creation of Next-Generation Therapeutic Solutions
Italy	Electromagnetic and Thermal Modelling of induction Welding Process for Composites
Germany	Energy Anomaly Identification & Diagnosis Using HPC Trained AI Model



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Türkiye	AI Powered Sustainable Façade Design
Ireland	HPC-Enhanced Generative AI for Hyper-Personalized Knowledge Sharing in Large Enterprises
Estonia	Specialized Large Language Models for European Financial Compliance Automation
Germany and Poland	Envisioning Advanced Systems in Water Analysis
Poland	HPC-Enhanced Web Tool for Molecular Complex Rescoring
Spain	Effective Digital Twin-AI Assisted Nutrition via High-Performance Computing for Elite Sports



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Spain	Computational Platform for non-Invasive Modelling of Aortic Parameters for Clinical Assessment and Stroke Prevention
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