

European R&D Projects

Horizon EUROPE

EDF

Digital EUROPE

ISF

EUREKA Eurostars

ERA-Net

Horizon 2020

ERASMUS+

AI/ML

**Digital
Twins**

Cybersecurity

**Big Data
Analytics**

**Mobile
Technologies**

**eXtended
Reality**

**Data
mining**

IoT

**Cloud
computing**

GIS

**Serious
Games**

+ 70

**EUROPEAN
R&D
projects**

10

**HE Projects as
Coordinator**

eHealth

eLearning

eCustoms

Security

Energy

eAgriculture

eGovernment

eTraining

**Customized
Applications**

Industry 4.0

Enterprise Application Suite

Software Imagination & Vision (**SIMAVI**) is a Romanian ICT SME with extensive expertise in Cybersecurity & Security, Critical Infrastructures, eHealth, Energy, Mobility and Smart Cities, Industry 5.0, Circular Economy, Computing Technologies, eAgriculture & Food, Smart Communities and Water ecosystems, Green Deal & Environmental Monitoring, Cultural Heritage, XR, Training, ERP & BI, eCustoms, and eGovernment.



CyberSecurity

ECHO - European network of Cybersecurity centres and competence Hub for innovation and Operations. www.echonetwork.eu

SIMARGL - Secure Intelligent Methods for Advanced Recognition of malware and stegomalware. www.simargl.eu

SECANT - SEcurity And privacy protection in Internet of Things devices. www.secant-project.eu

CC-DRIVER - CyberCriminality Driver www.ccdriver-h2020.com

SECUR-EU - Enhancing Security of European SMEs in Response to Cybersecurity Threats (DEP). www.secur-eu.eu

Border & Customs Security

ODYSSEUS - Unobtrusive Technologies for Secure and Seamless Border Crossing for Travel Facilitation. (SIMAVI Coordinator) www.odysseusproject.eu

BorderUAS - Semi-autonomous border surveillance platform combining next generation unmanned aerial vehicles with ultra-high-resolution multi-sensor surveillance payload (SIMAVI Coordinator). www.borderuas.eu

CONNECTOR - Custom extended interoperable Common information sharing environment. www.connector-project.eu

METICOS - A Platform for Monitoring and Prediction of Social Impact and Acceptability of Modern Border Control Technology. www.meticos-project.eu

ISOLA - Innovative & Integrated Security System on Board Covering the Life Cycle of a Passenger Ships Voyage. www.isola-project.eu

Technologies for prevention, investigation and mitigation

LAW-GAME - An Interactive, Collaborative Digital Gamification Approach to Effective Experiential Training and Prediction of Criminal Actions. www.lawgame-project.eu

RED-Alert - Real-time Early Detection and Alert System for Online Terrorist Content based on Natural Language Processing, Social Network Analysis, Artificial Intelligence and Complex Event Processing (SIMAVI Coordinator). www.redalertproject.eu

PREVISION - PREdiction and Visual Intelligence for Security Information. www.prevision-h2020.eu

CREST - Fighting Crime and Terrorism with an IoT-Enabled Ecosystem of Advanced Intelligence, Operations, And Investigation Technologies. www.project-crest.eu

SPIRIT - Synergies to Protect places of worship and Religious gatherings (ISF). www.spirit-isf.eu

SpeechXrays - Multi-channel biometrics combining acoustic and machine vision analysis of speech, lip movement and face. www.speechxrays.eu

Security for Critical Infrastructures

IMPETUS - Intelligent Management of Processes, Ethics and Technology for Urban Safety H2020. www.impetus-project.eu

ENSURESEC - End-to-end Security of the Digital Single Market's E-commerce and Delivery Service Ecosystem. www.ensuresec.eu

VIGIMARE - Vigilant Maritime Surveillance of Critical Submarine Infrastructure. <https://vigimare.eu/>



Disaster - Resilient Society

TeamAware - Team Awareness Enhanced with Artificial Intelligence and Augmented Reality (SIMAVI Coordinator). www.teamaware.eu

PANTHEON - Community-Based Smart City Digital Twin Platform for Optimised DRM operations and Enhanced Community Disaster Resilience.

www.pantheon-project.eu

Search and Rescue - Emerging technologies for the Early location of Entrapped victims under Collapsed Structures and Advanced Wearables for risk assessment and First Responders Safety in SAR operations.

www.search-and-rescue.eu

EDF

FEDERATES - FEDeratedEcosystem of euRopean simulation Assets for Training and decision Support. www.federates.eu

eHealth & HealthCare

CVDLink - A federated paradigm of real-world data sources utilization for the empowerment of diagnosis, prognosis and risk assessment of cardiovascular conditions (SIMAVI coordinator) www.cvdlink-project.eu

ENACT - Environmental Effect on Health Care and Wellbeing and Active Interventions.

iBeChange - Addressing psychosocial and lifestyle risk factors to promote primary cancer prevention: An integrated platform to promote behavioural change. www.ibechange-website.ecancer.org

CARING NATURE - Climate Neutral Initiatives for Growing Health and care Unmet Requirements. www.caringnature.eu

PAINLESS - Pain relief in palliative care of cancer using home-based neuromodulation and predictive biomarkers.

www.palliativeprojects.eu/painless/

STRATIF-AI - Continuous Stratification for Improved Prevention, Treatment, and Rehabilitation of Stroke Patients Using Digital Twins and AI. www.stratif-ai.eu

MES-CoBraD - Multidisciplinary Expert System for the Assessment & Management of Complex Brain Disorders. www.mes-cobrad.eu

ProCare4Life - Personalized Integrated CARE Solution for Elderly facing several short or long term conditions & enabling a better quality of LIFE. www.procare4life.eu

InteropEHRate - Interoperable EHRs at user edge. www.interopehrate.eu

DeepHealth - Deep-Learning and HPC to Boost Biomedical Applications for Health. www.deephealth-project.eu

SPHINX - An Universal Cyber Security Toolkit for health-care industry. www.sphinx-project.eu

vCare - Virtual Coaching Activities for Rehabilitation in Elderly. www.vcare-project.eu

Industry 5.0, Circular Economy & Computing Technologies

HIVEMIND - Human-centred collaborative Multi-agent framework for accelerating software Development and maintenance.

ACCURATE - Achieving Resilience Through Manufacturing As A Service, Digital Twins And Ecosystems. (SIMAVI Coordinator)
www.accurateproject.eu

MATCHMAKER - Open data and industry driven environment for multiphase and multiscale Materials Characterization and Modelling combining physics and data-based approaches.
www.hematchmaker.eu

NEMO - Next Generation Meta Operating System. www.meta-os.eu

PREDICT-6G - PRogrammable AI-Enabled Deterministic Networking for 6G. www.predict-6g.eu

CircThread - Building the Digital Thread for Circular Economy Product, Resource & Service Management. www.circthread.com

eAgriculture & Food

AgriDataValue - Smart Farm and Agri-environmental Big Data Space.
www.agridatavalue.eu

DEMETER - Building an Interoperable, Data-Driven, Innovative and Sustainable European Agri-Food Sector.
www.h2020-demeter.eu

TRIBIOME - Advanced tools for integration and synergistic inTerconnection of microBIOMes in resilient food systems.
www.tribiome.eu

KYKLOS 4.0 - An Advanced Circular and Agile Manufacturing Ecosystem based on rapid reconfigurable manufacturing process and individualized consumer preferences. www.kyklos40project.eu

ZDMP - Zero Defects Manufacturing Platform. www.zdmp.eu

ReCiPSS - Resource-efficient Circular Product-Service Systems.
www.recipss.eu

FACTLOG - Energy-aware Factory Analytics for Process Industries.
www.factlog.eu

Energy, Mobility and Smart Cities

EnergyShield - Integrated Cybersecurity Solution for the Vulnerability Assessment, Monitoring and Protection of Critical Energy Infrastructures (SIMAVI Coordinator).
www.energy-shield.eu

INTERPED - INTERoperable cloud-based solution for cross-vector planning and management of Positive Energy Districts. www.interped.eu

iDriving - Intelligent & Digital Roadway Infrastructure for Vehicles Integrated with Next-Gen Technologies.
<https://idiving-project.eu/>

CyberSEAS - Cyber Securing Energy dAta Services. www.cyberseas.eu

inteGRIDy - integrated Smart GRID Cross-Functional Solutions for Optimized Synergetic Energy Distribution, Utilization Storage Technologies. www.integrityd.eu

FLEXIGRID - Enabling flexibility in future power grids. www.flexigrid.org

DEM4PED - Data Exchange Model For Positive Energy Districts.

Cultural heritage and Immersive technologies for Training

SHIFT - MetamorphoSis of cultural Heritage Into augmented hypermedia assets For enhanced accessibiliTy and inclusion (SIMAVI Coordinator). www.shift-europe.eu

XR4ED - eXtended Reality for Education www.xr4ed.eu

HECOF - Higher Education Classroom Of the Future (ERAMUS+). www.hecof.eu

PALAEMON - A holistic passenger ship evacuation and rescue ecosystem.
www.palaemonproject.eu

Green Deal & Environmental Monitoring

SILVANUS - Climate resilient forest management platform to prevent and suppress forest fire.
www.silvanus-project.eu

TREEADS - A Holistic Fire Management Ecosystem for Prevention, Detection and Restoration of Environmental Disasters. www.treeads-project.eu

OptFor-EU - OPTimising FORest management decisions for a low-carbon, climate resilient future in EUrope. www.optforeu.eu

NEVERMORE - New Enabling Visions and tools for End-useRs and stakeholders thanks to a common MOdeling fRamework towards a climatE neutral and resilient society.
www.nevermore-horizon.eu

Smart Communities and Water ecosystems

ITHACA - artificial Intelligence To enhance Civic pArticipation.
www.ithaca-project.eu

ACAB - Accesible Credit for All Businesses

EUNOMIA - User-oriented, secure, trustful & decentralised social media. www.eunomia.social

SUPER_MoRRI - Scientific Understanding and Provision of an Enhanced and Robust Monitoring system for RRI. www.super-morri.eu

LIV-IN - Living Innovation - Co-creationg smart futures with industry and citizens.

www.living-innovation.net

NAIADES - A holistic water ecosystem for digitisation of urban water sector. www.naiades-project.eu

FLOOD-serv - Public FLOOD Emergency and Awareness SERVICE (SIMAVI Coordinator)
www.floodserv-project.eu

