



Organisation Profile Committed to the Future



SYNYO

Your Reliable Project Partner

SYNYO GmbH is a high dynamic enterprise focusing on research, innovation and technology located in Vienna, Austria. SYNYO explores and develops novel methods, technologies and solutions in various domains tackling societal, political, ecological and economical challenges. SYNYO analyses the impact of emerging technologies from different angles and from an interdisciplinary perspective.

The team at SYNYO consists of highly skilled employees specialized in various scientific and technical fields like Social Sciences, ICT & Technology, Safety & Security, Energy & Sustainability, Urban Future, Smart Health Digital Systems and Smart Technologies. The multinational team of SYNYO consists of motivated employees working on national and international projects. This interdisciplinary team is specialized in various social and technical fields, including research studies, requirements analyses, application design, software engineering, data analytics, and information visualisation. This technical expertise is applied to tackle contemporary challenges

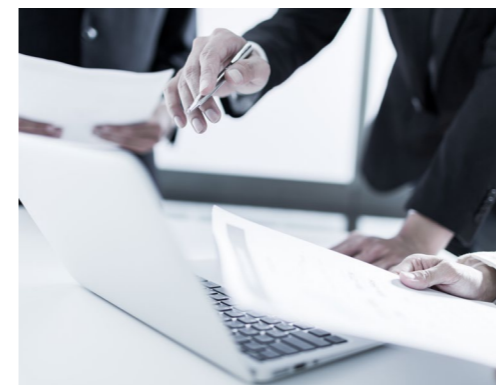
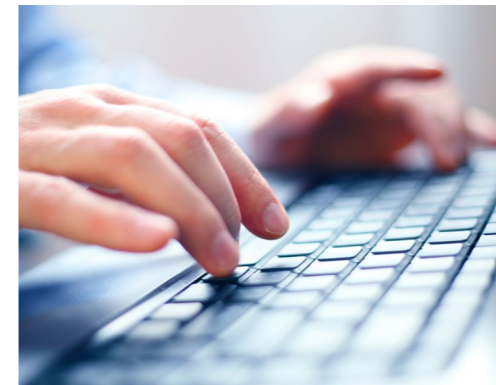
in various disciplines such as big/open data research, digital futures, e-health, citizen inclusion, and smart technologies. The research processes and proprietary methodologies are designed to convert complex information into clear and precise data for developing constructive actions.

Up to now SYNYO has been involved in 50+ research projects and has created strong management capabilities as coordinator of 20+ European (FP7, H2020, AAL) projects. Within all projects the interdisciplinary team of SYNYO has taken a role in the whole project lifecycle including basic investigations, requirements analyses, concept designs, technical implementations, programming, validations as well as research dissemination, communication and exploitation tasks. SYNYO is well connected within the scientific community and cooperates with several practitioner networks. Over the last years SYNYO has been among the most successful research-oriented SMEs in Austria based on the performance monitor of the national research agency.

Project Partners

Selected Collaborations

					+300 more



Research

Interdisciplinary Expertise for Strong Insights

At SYNYO we focus on the intersection between Information and Communication Technologies (ICT) and society to provide smart solutions to citizens, consumers and decision makers. Our team consists of highly motivated employees specialized in various technical fields, including software engineering, social media analytics and information visualisation. This technical expertise is applied to tackle contemporary societal challenges in various disciplines such as big/open data research, smart technologies, safety and security, energy, environment, mobility and smart cities.

Understanding society, processes of social, cultural, economic and political change and social phenomena in general are indispensable prerequisites for identifying technological demands as well as for designing and implementing new technologies. Therefore, SYNYO connects available data with a wide array of research fields from which valuable insights into issues of societal relevance can be deduced and, for example, social inclusion of marginalised groups can be fostered.

Instead of focusing on one particular area in regards to ICT and society, SYNYO assigns great importance to interdisciplinarity and considers the whole range of social and technological research, which enables SYNYO to view and analyse issues of interest from various perspectives.

Development

Technical Excellence for Smart Solutions

Modern software solutions require knowhow in more than one technology to be effective. At SYNYO, we have the skills and the knowledge to turn your idea into a project which will include all the necessary technologies and which will meet the highest standards of your industry. We offer the best realization of your project with the implementation of the latest and most advanced technologies.

Our experience in various business areas allows us to suggest the technologies that work best for your research project and business. We are here to listen to your requirements and provide best of breed solutions for your particular web and mobile application to create something outstanding within your (research and industry) sector.

SYNYO evaluates user requirements and transfers them to comprehensive use cases which drive both design conception and technical implementation activities. Our digital solutions help turn ideas into the actions required to mobilize individual and collective engagement for the co-creation of a sustainable future.

Advisory

Customised Services for Project Success

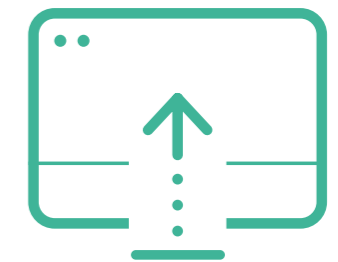
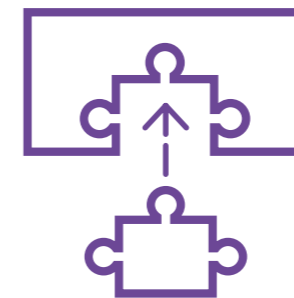
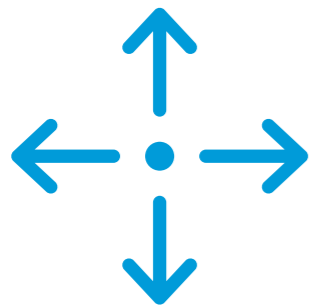
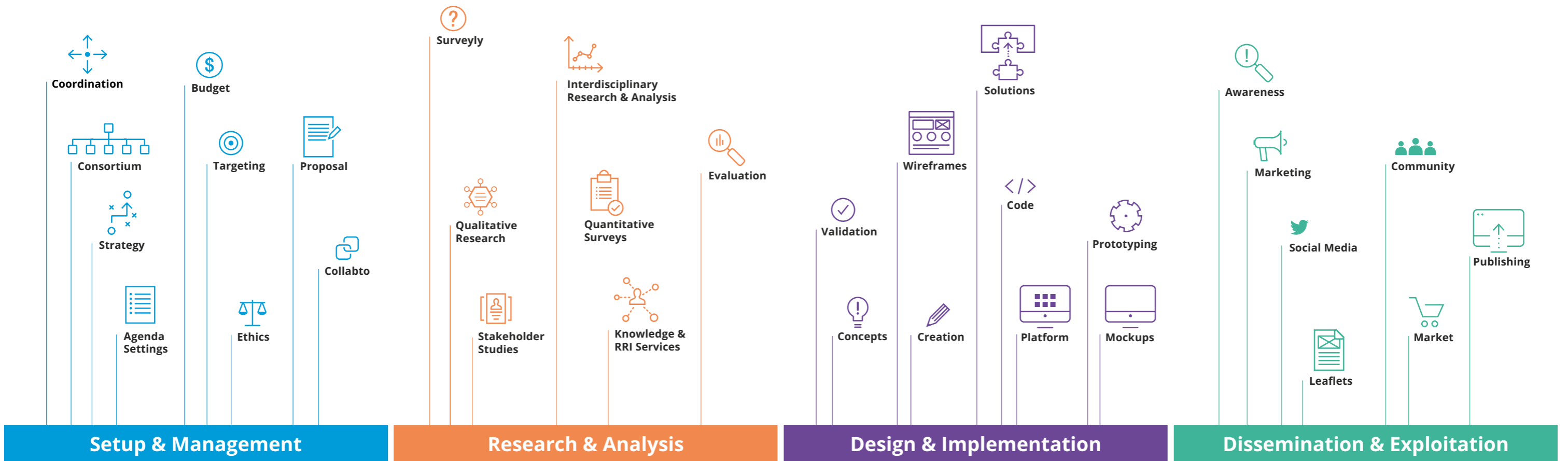
The team at SYNYO has invaluable experience in managing and coordinating research and development projects at a national and European level. The primary goal of our project managers, dissemination specialists and researchers is to partner with collaborators and clients to deliver strong value and support to their projects.

Particularly, international project proposals often require the composition of a large topic-attuned consortium including research, development and demonstration partners as, for example, from academia, industry, NGOs, public authorities and law enforcement agencies. SYNYO supports you in consortium construction activities such as structured scoping for potential partners, establishing contacts, and clarifying content-related, financial and administrative questions.

Besides scientific and technical reports, funding agencies generally require transparent, comprehensible and accurate financial and administrative reporting. SYNYO advises their clients on the elaboration of respective project documentations and therewith contributes to the successful operational management of your research or development project.

Project Expertise

Established Approaches and Tools



Smart web Framework

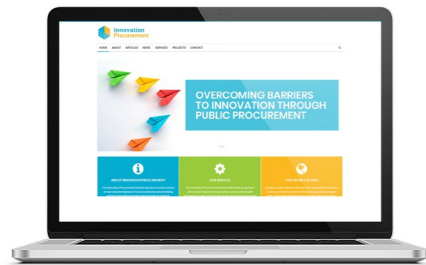
Solutions for Digital Markets

Platforms



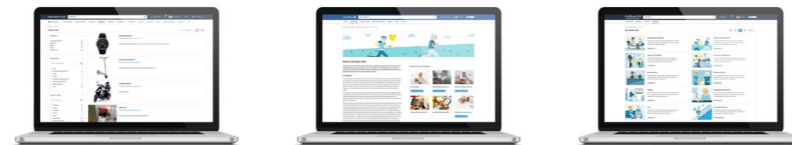
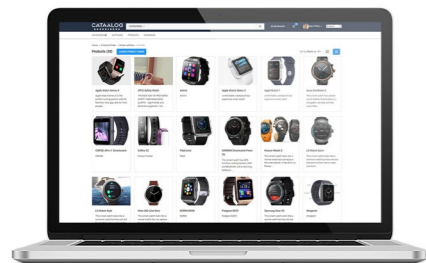
Platforms are created in many cases to raise awareness and distribute information and data in a specific field of action. Besides standard news and knowledge sections, the online platform include several database-driven modules like courses, tools, methods, solutions etc.

Networks



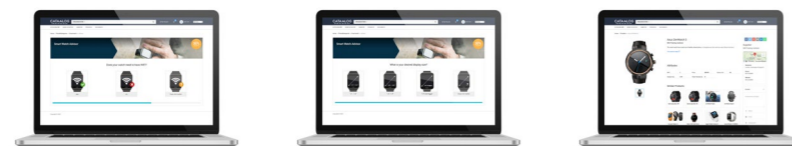
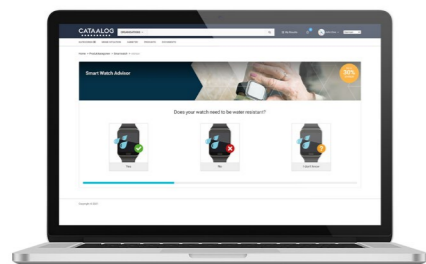
Networks are created to connect stakeholders online for a distinct research area or industry. Modern networks consist of a member section to present organisations and experts with their profiles. Thematic groups are integrated to force smart user interactions.

Marketplaces



Marketplaces are designed to provide structured information on suppliers, products, brochures and other related content and news. Entities are presented with a detail page including all relevant meta data and could be favoured and compared in different ways.

Advisors



Advisors are smart tools supporting the users on finding the right products or any other kind of entity following a multi-step approach. Intelligent query and ranking methodologies in combination with a strong UX are keeping the search and selection process comfortable.

Web Application Development

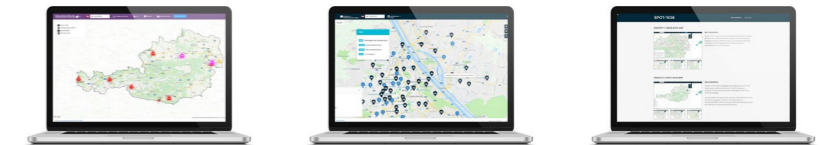
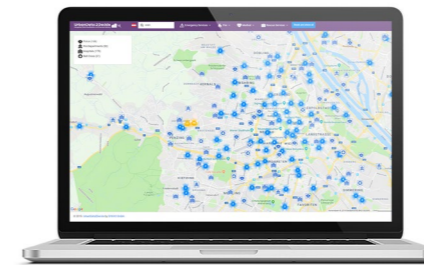
Customised Implementation for Projects

Project Websites



Project websites are essential to raise awareness on research and innovation projects and to communicate its results. We are building project websites with modern content management frameworks structured based on the guidelines of the European Commission.

Map Applications



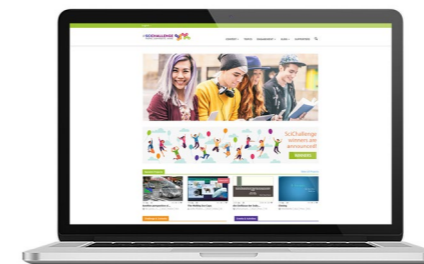
Map applications are consisting of interactive maps with geo tags and contextual data and could be combined with mobile apps for tagging new spots. We are experienced to implement different map visualisations and to perform analytics on user generated data.

Learning Hubs



Learning hubs are used to provide information on e-learning and online trainings in a structured manner. The users are able to select different free and paid courses and could start to educate online being provided structured learning materials, videos and slides.

Contest Portals



Contest portals are used to engage a specific target group on topic driven challenges in different contexts like science, technology, education etc. We are experienced on setting up online contest platforms showing contest submissions published via social media.

Research and Innovation Projects

Project Overview | Curated Selection

 Smart Health & AAL	 Safety & Security	 Information Technology	 Social Science & Society
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 Smart Cities	 Mobility & Transport	 Sustainability & Energy	 Education
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UrbanData2Decide ■ ■ ■ ■

Integrated Data Visualisation and Decision Making Solutions to Forecast and Manage Complex Urban Challenges


Programme: Urban Europe
Number: 847511 | Role: Coordinator | EU



Sicher Social ■ ■ ■ ■

Information and Knowledge Platform for Safe and Secure Handling of Social Media

Programme: NETIDEE
Number: 1351 | Role: Coordinator | AT



SPOT+RIDE ■ ■ ■ ■

Digital Map-based Applications for Visualisation of Accident Rates and Documentation of Hazard Areas Including Pro-active Safety-features for Bikers and Strategic Decision Support-tools

Programme: VSF
Number: 199962 | Role: Coordinator | AT



BONSEYES ■ ■ ■ ■

Platform for Open Development of Systems of Artificial Intelligence (RIA)


Programme: H2020
Number: 732204 | Role: Partner | EU



TAALXONOMY ■ ■ ■ ■

Development of a Feasible Taxonomy for Efficient Classification of Active & Assisted Living (AAL) Products and Services


Programme: BENEFIT
Number: 846232 | Role: Coordinator | AT



Future Food Factory ■ ■ ■ ■

Sustainable Food Security, Production, Waste Management and Procurement

Programme: WAW Kooperation
Number: 847511 | Role: Coordinator | AT



AAL Vision ■ ■ ■ ■

Development of an AAL Vision 2025 for Austria including all stakeholders and international trends

Programme: BENEFIT
Number: 862036 | Role: Coordinator | EU



eCraft2Learn ■ ■ ■ ■

Digital Fabrication and Maker Movement in Education: Making Computer-supported Artefacts from Scratch (RIA)


Programme: H2020
Number: 731345 | Role: Partner | EU



iCareCoops ■ ■ ■ ■

Fostering Care Cooperatives in Europe by Building an Innovative Platform with ICT-based and AAL-driven Services


Programme: AAL EU
Number: 802030 | Role: Coordinator | EU



City.Risks ■ ■ ■ ■

Avoiding and Mitigating Safety Risks in Urban Environments (RIA)

Programme: H2020
Number: 653747 | Role: Partner | EU



SciShops.eu ■ ■ ■ ■

Enhancing the Responsible and Sustainable Expansion of the Science Shop Ecosystem in Europe (RIA)


Programme: H2020
Number: 741657 | Role: Coordinator | EU



MINDb4ACT ■ ■ ■ ■

Mapping, Identifying and Developing skills and opportunities in operating environments to co-create innovative, ethical and effective ACTIONS to tackle radicalization leading to violent extremism


Programme: H2020
Number: 741657 | Role: Partner | EU



IMOPOL+ ■ ■ ■ ■

iMobility an Police: Technologies, Concepts and Solutions for Security Related Deployment Scenarios

Programme: KIRAS
Number: 850180 | Role: Coordinator | AT



FutureTDM ■ ■ ■ ■

Reducing Barriers and Increasing Uptake of Text and Data Mining for Research Environments (CSA)

Programme: H2020
Number: 665940 | Role: Coordinator | EU



INDUCE ■ ■ ■ ■

Towards a sustainable agro-food INDUstry: Capacity building programmes in Energy Efficiency (CSA)

Programme: H2020
Number: 785047 | Role: Partner | EU



IoThreats ■ ■ ■ ■

Zukünftige Herausforderungen, Technologien und Anforderungen von Smart Homes im sicherheitsrelevanten Kontext

Programme: KIRAS
Number: 860641 | Role: Coordinator | AT



SciChallenge ■ ■ ■ ■

Next Generation Science Challenges Using Social Media to Make Science Education and Careers Attractive for Young People (RIA)


Programme: H2020
Number: 665868 | Role: Coordinator | EU



NLDAF ■ ■ ■ ■

Next Level Data Analytics and Forensics


Programme: WAW Kooperation
Number: 1641399 | Role: Coordinator | AT



Counter Stories ■ ■ ■ ■

Radicalization prevention and combating extremist propaganda through alternative narratives


Programme: KIRAS
Number: 867055 | Role: Coordinator | AT



AWID ■ ■ ■ ■

Partizipatives, multi-mediales, resilienzfokussiertes Maßnahmen-Konzept zur Prävention von Abwertungs-Idologien


Programme: KIRAS
Number: 864425 | Role: Partner | AT



ActiveAdvice ■ ■ ■ ■

Decision Support Solutions for Independent Living using an Intelligent AAL Product and Service Cloud


Programme: AAL EU
Number: 851908 | Role: Coordinator | EU



FollowMe ■ ■ ■ ■

Living actively and independently at home


Programme: AAL EU
Number: 2015-108 | Role: Partner | EU



MiICT ■ ■ ■ ■

ICT Enabled Public Services for Migration (IA)


Programme: H2020
Number: 822380 | Role: Partner | EU



EUNOMIA ■ ■ ■ ■

User-oriented, secure, trustful & decentralised social media (IA)

Programme: H2020
Number: 825171 | Role: Partner | EU



PROTECTIVE ■ ■ ■ ■

Proactive Risk Management through Improved Situational Awareness (IA)

Programme: H2020
Number: 700071 | Role: Partner | EU



TAKEDOWN ■ ■ ■ ■

Understand the Dimensions of Organised Crime and Terrorist Networks for Developing Effective and Efficient Security Solutions for First-line-practitioners and Professionals (RIA)


Programme: H2020
Number: 700688 | Role: Coordinator | EU



MiTrAs ■ ■ ■ ■

Migration Trend Analysis


Programme: KIRAS
Number: 867030 | Role: Partner | AT



MICADO ■ ■ ■ ■

Migrant Integration Cockpits and Dashboards (IA)


Programme: H2020
Number: 822717 | Role: Partner | EU



PeaceTraining.eu ■ ■ ■ ■

Strengthening the Capabilities and Training Curricula for Conflict Prevention and Peace Building Personnel with ICT-based Collaboration and Knowledge Approaches (CSA)


Programme: H2020
Number: 700583 | Role: Coordinator | EU



Fem4R&D ■ ■ ■ ■

A Multi-dimensional Programme for Career Development of Female Engineers and Programmers

Programme: FEMTECH
Number: 5852700 | Role: Coordinator | AT



ARMOuR ■ ■ ■ ■

A radical model for resilience of young minds


Programme: ISFP
Number: 823683 | Role: Partner | EU



IoThink ■ ■ ■ ■

Information and Knowledge platform on Internet of Things for Young People

Programme: NETIDEE
Number: 4070 | Role: Coordinator | AT



Research and Innovation Projects


Project Overview | Curated Selection

 Smart Health & AAL	 Safety & Security	 Information Technology	 Social Science & Society
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SmartDataLake ■ ■ ■

Quick In Situ Exploration, Analysis and Visualization of Big Raw Data Assets (IA)


Programme: H2020
Number: 867030 | Role: Partner | EU



AAL+Healthcare Data ■ ■ ■

Exploration of Usage Scenarios, Dataset Structures, Legal Considerations and Business Models for the Data Market Austria

Programme: IKTdZ
Number: 869789 | Role: Coordinator | AT



iProcureSecurity ■ ■ ■

Strategic Partnership of Emergency Medical Service Practitioners for Coordination of Innovation Procurement

Programme: H2020
Number: 833291 | Role: Coordinator | EU



CHAMPIONS ■ ■ ■

Cooperative harmonized Action Model to stop Polarisation in our Nations


Programme: ISFP
Number: 741657 | Role: Partner | EU



eMAPs ■ ■ ■

Enhanced Map System


Programme: GSA | Role: Partner | EU



SMARAGD ■ ■ ■

Smart Aggregation and Visualisation of Health Data

Programme: IDEEN LAB 4.0
Number: 872575 | Role: Partner | AT



exploreAI ■ ■ ■

Studie zum Einfluss von AI auf das Militärwesen im österreichischen Kontext


Programme: FORTE
Number: 873480 | Role: Partner | AT



DEXSAGE ■ ■ ■

Daily Experiences of Successful Ageing

Programme: H2020
Number: 840113 | Role: Coordinator | EU



PERCEPTIONS ■ ■ ■

Understanding the Impact of Narratives and Perceptions of Europe on Migration and Providing Practices, Tools and Guides for Practitioners


Programme: H2020
Number: 833870 | Role: Coordinator | EU



sEEnergies ■ ■ ■

Quantification of synergies between Energy Efficiency first principle and renewable energy systems

Programme: H2020
Number: 846463 | Role: Partner | EU



PlatformUptake.eu ■ ■ ■

Assessing the State of the Art and Supporting an Evidence-Based Uptake and Evolution of Open Service Platforms in the Active and Healthy Ageing Domain


Programme: H2020
Number: 875452 | Role: Coordinator | EU



IN-ICT-CARE ■ ■ ■

Innovation through ICT in Care Homes


Programme: ERASMUS+
Role: Partner | EU



Gear@SME ■ ■ ■

Generate Energy Efficient Acting And Results At Small & Medium Enterprises


Programme: H2020
Number: 894356 | Role: Partner | EU



CDE4Peace ■ ■ ■

Concept Development and Experimentation for EU Conflict Prevention and Peace-building


Programme: H2020
Number: 882055 | Role: Coordinator | EU



COVINFORM ■ ■ ■

COronavirus Vulnerabilities and INformation dynamics Research and Modelling


Programme: H2020
Number: 101016247 | Role: Coordinator | EU



PHERECLOS ■ ■ ■

Partnerships for pathways to Higher Education and science engagement in Regional Clusters of Open Schooling

Programme: H2020
Number: 824630 | Role: Partner | EU




Smart Cities


Mobility & Transport

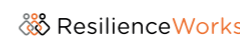

Sustainability & Energy


Education

ResilienceWorks ■ ■ ■

Maßnahmen zur Radikalisierungsprävention & Resilienzsteigerung von Jugendlichen in Angeboten zur Arbeitsmarktintegration

Programme: KIRAS
Number: 879683 | Role: Coordinator | AT



Migration Ties ■ ■ ■

Einfluss der Milieu-Zugehörigkeit von MigrantInnen auf ihre transnationalen Verbindungen


Programme: KIRAS
Number: 879680 | Role: Coordinator | AT



UNCOVER ■ ■ ■

Development of an efficient steganalysis framework for uncovering hidden data in digital media


Programme: H2020
Number: 101021687 | Role: Partner | EU



NOTIONES ■ ■ ■

iNteracting netwOrk of iTelligence and security practitiOners with iNdustry and acadEmia actorS

Programme: H2020
Number: 101021853 | Role: Partner | EU



SHIELD ■ ■ ■

solutionS to enHance Interfaith protEction of pLaces of worship from terrorist Danger

Programme: ISFP
Number: 101034229 | Role: Coordinator | EU



iProcureSecurity PCP ■ ■ ■

Pre-Commercial Procurement of Innovative Triage Management Systems Strengthening Resilience and Interoperability of Emergency Medical Services


Programme: H2020
Number: 101022061 | Role: Coordinator | EU



LEAGUE ■ ■ ■

Limiting online sexual Exploitation and Abuse Gender based on Underaged boys by Educating experts

Programme: CERV
Number: 101049294 | Role: Partner | EU



CATCHER ■ ■ ■

Creation of innovative "humidity to electricity" renewable energy conversion technology towards sustainable energy challenge

Programme: EIC
Number: 101046307 | Role: Partner | EU



CircularCityChallenge ■ ■ ■

Creating a Next Generation Participatory Contest for Young People to integrate Circularity in School Curricula


Programme: Urban Europe
Number: 42073329 | Role: Coordinator | EU



BIOMATDB ■ ■ ■

Advanced Database for Biomaterials with Data Analysis and Visualisation Tools extended by a Marketplace with Digital Advisors

Programme: Horizon Europe
Number: 101058779 | Role: Coordinator | EU



BioBeo ■ ■ ■

Innovative Education for the BioEconomy


Programme: Horizon Europe
Number: 101058779 | Role: Partner | EU



ReIncluGen ■ ■ ■

Rethinking diversity towards more Inclusion and Gender empowerment: a participatory and creative methods based research

Programme: Horizon Europe
Number: 101093987 | Role: Partner | EU



OneAquaHealth ■ ■ ■

Protecting urban aquatic ecosystems to promote One Health

Programme: Horizon Europe
Number: 101086521 | Role: Partner | EU



DECICE ■ ■ ■

DEVICE-EDGE-CLOUD INTELLIGENT COLLABORATION FRAMEWORK


Programme: Horizon Europe
Number: 101092582 | Role: Partner | EU



MELCAYA ■ ■ ■

Novel health care strategies for melanoma in children, adolescents and young adults


Programme: Horizon Europe
Number: 101096667 | Role: Partner | EU



BOND ■ ■ ■

Building tOlerance, uNderstanding and Dialogue across communities

Programme: CERV
Number: 101084724 | Role: Partner | EU



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