#### **ANNEX V**

# SUCCESSFUL AI-ENABLED PROJECTS ON ETHICAL, LEGAL AND SOCIAL DISCIPLINES

### MAIA Multifunctional, adaptive and interactive AI system for Acting in multiple contexts

ID: 951910

From: 1 January 2021 to: 30 June 2025

What if in a near future Artificial Intelligence (AI) becomes human-centric, focusing on human needs and build trustworthiness by mutual understanding? Today, millions of people worldwide suffer from deteriorated motor abilities, due to stroke, brain tumor surgery or accident...

Coordinated in: Italy

Programme: EXCELLENT SCIENCE - Future and Emerging Technologies (FET), FET

**Proactive** 

Last update: 22 January 2024

Add to my booklet

#### WeNet WeNet - The Internet of US

ID: 823783

From: 1 January 2019 to: 30 June 2023

"Diversity permeates our everyday life and covers many dimensions, such as competence, culture, gender or economic across humans and social relations. Technology has evolved to a point where humans from diverse backgrounds, cultures, and experiences have an unprecedented...

Coordinated in: Italy

Programme: EXCELLENT SCIENCE - Future and Emerging Technologies (FET), FET

Proactive

Last update: 2 January 2024

Add to my booklet

#### TAILOR Foundations of Trustworthy AI - Integrating Reasoning, Learning and Optimization

ID: 952215

From: 1 September 2020 to: 31 August 2024

Artificial Intelligence (AI) and all the key digital technologies that are subsumed by the term AI today are an essential part of the answers to many of the daunting challenges that we are facing. AI will impact the everyday lives of citizens as well as all business sectors...

Coordinated in: Sweden

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 5 February 2024

Add to my booklet

#### TRUST-AI Transparent, Reliable and Unbiased Smart Tool for AI

ID: 952060

From: 1 October 2020 to: 31 March 2025

Artificial intelligence is single-handedly changing decision-making at different levels and sectors in often unpredictable and uncontrolled ways. Due to their black-box nature, existing models are difficult to interpret, and hence trust. Explainable AI is an emergent field...

Coordinated in: Portugal

Programme: EXCELLENT SCIENCE - Future and Emerging Technologies (FET), FET

**Proactive** 

Last update: 15 January 2024

Add to my booklet

### AutoFair Human-Compatible Artificial Intelligence with Guarantees

ID: 101070568

From: 1 October 2022 to: 30 September 2025

In this proposal, we address the matter of transparency and explainability of AI using approaches inspired by control theory. Notably, we consider a comprehensive and flexible certification of properties of AI pipelines, certain closed-loops and more complicated...

Coordinated in: Czechia

Programme: Digital, Industry and Space, Artificial Intelligence and Robotics

Last update: 4 September 2022

Add to my booklet

# Periodic Reporting for period 1 - NL4XAI (Interactive Natural Language Technology for Explainable Artificial Intelligence)

The aim of this four-year European project is to use natural language to generate explanations for decisions made by an Artificial Intelligence (AI) system, which are understandable to non-expert users. According to Polanyi's paradox, humans know more than they can explain...

Project: NL4XAI (ID: 860621)

Programme: EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Last update: 2 March 2022

Add to my booklet

# INTENT Intelligent Instruments: Understanding 21st-Century AI Through Creative Music Technologies

ID: 101001848

From: 1 September 2021 to: 31 August 2026

Artificial Intelligence is becoming increasingly human-like and it is now proficient in a key human activity: musical creativity. But what does this mean? How does creative AI change our notions of art, culture and society? As new machine learning technologies begin to mirror...

Coordinated in: Iceland

Programme: EXCELLENT SCIENCE - European Research Council (ERC)

Last update: 19 August 2022

Add to my booklet

### PROJECT PROJECT REPORT SUMMARY

### Periodic Reporting for period 1 - AIRE (Artificial Intelligence for Recruitment Europe)

AIRE – Artificial Intelligence for Recruiting Europe introduces a world 1st personal robot (AIREbot) to help every European citizen apply for jobs, update their skills, register for

courses and arrange interviews. The project has demonstrated that it can Reduce EU

vacancies...

Project: AIRE (ID: 782921)

Programme: SOCIETAL CHALLENGES - Europe In A Changing World - Inclusive,

Innovative And Reflective Societies

Last update: 7 June 2018 Add to my booklet

### AI4LABOUR Reshaping labour force participation with Artificial Intelligence

ID: 101007961

From: 1 November 2021 to: 31 October 2025

In the last decade, due to the tremendous progress of computing power, a new era which is called Industry 4.0 has been triggered. This new revolutionary progress in manufacturing systems will also create a huge impact on the socio-economic dynamics of society. Moreover, very...

Coordinated in: Türkiye

Programme: EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions, Stimulating

innovation by means of cross-fertilisation of knowledge

Last update: 5 February 2024

Add to my booklet

Improved knowledge graphs key to working with artificial intelligence data more

efficiently

Project: ENEXA (ID: 101070305)

Programme: Digital, Industry and Space

Available languages: **DEENESFRITPL** 

Last update: 21 November 2022

Programme: Specific Programme "Cooperation": Nanosciences, Nanotechnologies, Materials

and new Production Technologies Last update: 18 December 2017

Add to my booklet

### Final Report Summary - LEILA (Law Enforcement Intelligence Learning Application)

The LEILA project aims to provide law enforcement organizations with an innovative learning methodology through the development of engaging learning experiences and gaming solutions designed specifically for the learning needs of the civil security intelligence analysis...

Project: LEILA (ID: 608303)

Programme: Specific Programme "Cooperation": Security

Last update: 7 April 2017

Add to my booklet

### CoHuBiCoL Counting as a Human Being in the Era of Computational Law

ID: 788734

From: 1 January 2019 to: 31 December 2023

This project will investigate how the prominence of counting and computation transforms many of the assumptions, operations and outcomes of the law. It targets two types of

computational law: artificial legal intelligence or data-driven law (based on machine

learning), and...

Coordinated in: Belgium

Programme: EXCELLENT SCIENCE - European Research Council (ERC)

Last update: 10 March 2023

Add to my booklet

# <u>Final Report Summary - TEPSIE (The theoretical, empirical and policy foundations for building social innovation in Europe)</u>

The field of social innovation is developing rapidly all over the world, with new institutions, methods and activities. More systematic innovation methods are being applied to some of the most challenging social problems of our times: climate change, chronic...

Project: TEPSIE (ID: 290771)

Programme: Specific Programme "Cooperation": Socio-economic Sciences and Humanities

Last update: 2 December 2015

Add to my booklet

# Final Report Summary - SISOB (An Observatorium for Science in Society based in Social Models)

Executive Summary: The SiSOB (An Observatorium for Science in Society based on Social Models) project was a three-year EU project that was conducted from January 2011 to December 2013 (36 months). The project brought together seven universities and research centresfrom Europe...

Project: SISOB (ID: 266588)

Programme: Specific Programme "Capacities": Science in society

Last update: 20 January 2015

Add to my booklet

# <u>Final Report Summary - FESTOS (Foresight of Evolving Security Threats Posed by Emerging Technologies)</u>

Executive summary "FESTOS results are a very good contribution to policy and ethics discussions in the commission, FESTOS helps address challenges and threat of the future that need to be taken into account in Horizon 2020" (Ms Eva-Maria Engdahl EC DG enterprise and Industry...

Project: FESTOS (ID: 217993)

Programme: Specific Programme "Cooperation": Security

Last update: 29 March 2017

Add to my booklet

# <u>Periodic Reporting for period 1 - GuestXR (GuestXR: A Machine Learning Agent for Social Harmony in eXtended Reality)</u>

Immersive social spaces will soon become ubiquitous. However, there is also a warning to heed from social media. User content is the 'lifeblood of social media'. However, it often stimulates antisocial interaction and abuse, ultimately posing a danger to vulnerable people. In...

Project: GuestXR (ID: 101017884)

Programme: EXCELLENT SCIENCE - Future and Emerging Technologies (FET)

Last update: 4 July 2023 Add to my booklet

#### REPORT SUMMARY

ID: 826506

From: 1 January 2019 to: 30 June 2022

"sustAGE aims to develop a person-centered solution for promoting the concept of ""sustainable work"" for EU industries. The project provides a paradigm shift in human machine interaction, building upon seven strategic technology trends, IoT, Machine learning, micro-moments...

Coordinated in: Greece

Programme: SOCIETAL CHALLENGES - Health, demographic change and well-being, Active ageing, independent and assisted living, Individual awareness and

empowerment for self-management of health

Last update: 28 December 2022

Add to my booklet

### ACES Autopoietic Cognitive Edge-cloud Services

ID: 101093126

From: 1 January 2023 to: 31 December 2025

The increasing need for cloud services at the edge (edge—services) is caused by the rapidly growing quantity and capabilities of connected and interacting edge devices exchanging vast amounts of data. This poses different challenges to cloud computing architectures at the...

Coordinated in: Portugal

Programme: Digital, Industry and Space, Advanced Computing and Big Data

Last update: 13 December 2022

Add to my booklet

# MIRROR Migration-Related Risks caused by misconceptions of Opportunities and Requirement

ID: 832921

From: 1 June 2019 to: 31 May 2022

The perception of Europe and individual European countries has a high impact on expectations and decisions of citizens from outside Europe (considering) coming to Europe, especially from countries of origin (COO) for migration. Misperceptions and targeted misinformation...

Coordinated in: Germany

Programme: Secure societies - Protecting freedom and security of Europe and its citizens, Strengthen security through border management, Support the Union's external security policies including through conflict prevention and peace-building

Last update: 10 March 2023

Add to my booklet

L2TOR Second Language Tutoring using Social Robots

ID: 688014

From: 1 January 2016 to: 31 December 2018

The L2TOR project capitalises on recent developments in human-robot interaction in which the use of social robots is explored in the context of teaching and tutoring. Social robots have been shown to have marked benefits over screen-based tutoring technologies, and have...

Coordinated in: United Kingdom

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 15 August 2022

Add to my booklet

# MICS Developing metrics and instruments to evaluate citizen science impacts on the environment and society

ID: 824711

From: 1 January 2019 to: 31 July 2022

THE MICS project brings together a transdisciplinary team to address a scientific and policy priority area where citizen science has the potential to promote a paradigm shift. Nature-based solutions (NBSs) are actions to protect, sustainably manage and restore natural or...

Coordinated in: United Kingdom

Programme: Integrate society in science and innovation issues, policies and activities in order to integrate citizens' interests and values and to increase the quality, relevance, social acceptability and sustainability of research and innovation outcomes in various fields of activity from social innovation to areas such as biotechnology and nanotechnology

Last update: 22 January 2023

Add to my booklet

# SPECIAL Scalable Policy-awarE linked data arChitecture for prIvacy, trAnsparency and compLiance

ID: 731601

From: 1 January 2017 to: 31 December 2019

The SPECIAL project will address the contradiction between Big Data innovation and privacy-aware data protection by proposing a technical solution that makes both of these goals realistic. We will develop technology that: (i) supports the acquisition of user consent at...

Coordinated in: France

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 18 August 2022

Add to my booklet

### CAROLINE Collaborative Research Fellowships for a Responsive and Innovative Europe

ID: 713279

From: 2 June 2016 to: 1 June 2022

The CAROLINE Fellowship Programme proposed by the Irish Research Council (IRC) will provide a unique opportunity for researchers to further develop their skills, competencies and experience through inter-sectoral collaboration with NGOs and International Organisations (IO)...

Coordinated in: Ireland

Programme: Increasing structural impact by co-funding activities, EXCELLENT SCIENCE -

Marie Skłodowska-Curie Actions Last update: 1 February 2024

Add to my booklet

#### GATE BiG DAta for SmarT SociEty

ID: 857155

From: 1 September 2019 to: 31 August 2026

GATE aims to establish a "BiG DAta for SmarT SociEty" Center of Excellence in Bulgaria, in order to provide focus for increased scientific excellence and sustained Big Data growth, through attractive and stimulating research environment, advanced infrastructure supporting...

Coordinated in: Bulgaria

Programme: Teaming of excellent research institutions and low performing RDI regions

Last update: 25 May 2022 Add to my booklet

# <u>DRA The 'Vanishing Third Party': Access to Justice, Procedural Justice and Substantive Justice in the Age of Dispute Resolution Automation</u>

ID: 101044195

From: 1 March 2023 to: 29 February 2028

Courts without judges? Informal processes without mediators? We are on the verge of a dramatic paradigm shift in our justice system from human to algorithmic dispute resolution. While most of us perceive the delivery of justice as a human task, courts and informal

arenas...

Coordinated in: Israel

Programme: European Research Council (ERC)

Last update: 13 January 2023

Add to my booklet

### WEKIT Wearable Experience for Knowledge Intensive Training

ID: 687669

From: 1 December 2015 to: 28 February 2019

OBJECTIVES: Build on multi-discipline research (e.g., human-centred methodology integrates cognitive models, ergonomics, understanding of worker's well being) to accelerate how we identify, acquire and exploit skills valued by industry. Get high take-up by early adopters...

Coordinated in: Italy

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 16 August 2022

Add to my booklet

#### Explanation in Online Help and Offline Training Based on Continuous Simulation

ID: BRPR950049

From: 1 January 1996 to: 31 December 1998

The main outcomes of the research activities of the EXTRAS project are the generic knowledge framework, and an extensive amount of the software produced which has allowed further steps in developing explanation systems. Explanation systems that are quite difficult, if not imp...

Coordinated in: United Kingdom

Programme: Specific research and technological development programme in the field of

industrial and materials technologies, 1994-1998

Last update: 21 October 1999

Add to my booklet

#### CAVAA Counterfactual Assessment and Valuation for Awareness Architecture

ID: 101071178

From: 1 October 2022 to: 30 September 2026

The Counterfactual Assessment and Valuation for Awareness Architecture (CAVAA) project proposes that awareness serves survival in a world governed by hidden states, to deal with the "invisible", from unexplored environments to social interaction that depends on the...

Coordinated in: Netherlands

Programme: The European Innovation Council (EIC)

Last update: 23 August 2022

Add to my booklet

### FashionBrain Understanding Europe's Fashion Data Universe

ID: 732328

From: 1 January 2017 to: 31 December 2019

The primary goal of each retailer is to "understand your customers". Our interviews with retailers show a primary demand from the retail industry for predicting a customer's next demand. Surprisingly, even a complete record of past purchases (and returns) is not...

Coordinated in: United Kingdom

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 17 August 2022

Add to my booklet

# AGERISK Neurocomputational mechanisms underlying age-related performance changes in goal-directed decisions from experience

ID: 708507

From: 1 September 2016 to: 2 March 2019

The ability to make goal-directed decisions concerning one's general well-being declines in later life. The primary—and potentially improvable—factor impacting this decline in decision-making performance is the learning process that precedes a decision. However, little...

Coordinated in: Germany

Programme: EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions, Nurturing

excellence by means of cross-border and cross-sector mobility

Last update: 11 August 2022

Add to my booklet

#### **CLOTHILDE CLOTH manIpulation Learning from DEmonstrations**

ID: 741930

From: 1 January 2018 to: 31 December 2023

Textile objects pervade human environments and their versatile manipulation by robots would open up a whole range of possibilities, from increasing the autonomy of elderly and disabled people, housekeeping and hospital logistics, to novelautomation in the clothing internet...

Coordinated in: Spain

Programme: EXCELLENT SCIENCE - European Research Council (ERC)

Last update: 8 December 2023

Add to my booklet

ROXANNE Real time network, text, and speaker analytics for combating organized crime

ID: 833635

From: 1 September 2019 to: 31 December 2022

Discovering criminal networks and identifying their members is one of the primary aspects of LEAs' mission. ROXANNE will contribute towards this goal by bridging the strengths of speech and language technologies (SLTs), visual analysis (VA) and network analysis (NA). If...

Coordinated in: Switzerland

Programme: Secure societies - Protecting freedom and security of Europe and its citizens, Fight crime, illegal trafficking and terrorism, including understanding and tackling terrorist ideas and beliefs, Support the Union's external security policies including through conflict prevention and peace-building

Last update: 11 December 2023

Add to my booklet

# E2-CREATE E2-CREATE: Encoding Embodied CreativityVisual arts, performing arts, film, design

ID: 840465

From: 6 April 2020 to: 13 September 2022

Choreography is an art form well-known for combining rigorous physical and mental training with the highest degrees of creativity. However, as dance is the most ephemeral of art forms, this extraordinary embodied creativity has been in danger of disappearing without leaving a...

Coordinated in: United Kingdom

Programme: <u>EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions</u>, <u>Nurturing</u> excellence by means of cross-border and cross-sector mobility

Last update: 12 December 2023

Add to my booklet

# <u>iTalk2Learn Talk, Tutor, Explore, Learn: Intelligent Tutoring and Exploration for Robust Learning</u>

ID: 318051

From: 1 November 2012 to: 31 October 2015

In the aftermath of the PISA studies, which identified weaknesses of students in many European countries, especially in mathematics, the education of children in the elementary school grades has received a lot of attention. Yet, most learning systems that have been developed ...

Coordinated in: Germany

Programme: Specific Programme "Cooperation": Information and communication

technologies

Last update: 22 April 2017 Add to my booklet

# INNOVA MEASURE IV Econometric analyses and indicators on Research, Excellence and Impact of Research and Innovation

ID: 857088

From: 1 May 2019 to: 31 October 2020

The INNOVA MEASURE IV project continues the research activity carried out by the JRC in support of the work on better evidence for policy-making by the Directorate-General for Research & Innovation. It builds on the outcomes and capacities developed within the framework of the...

Coordinated in: Belgium

Programme: SOCIETAL CHALLENGES - Europe In A Changing World - Inclusive,

<u>Innovative And Reflective Societies</u>, <u>Innovative societies</u>

Last update: 18 August 2022

Add to my booklet

#### ACANTO ACANTO: A CyberphysicAl social NeTwOrk using robot friends

ID: 643644

From: 1 February 2015 to: 31 July 2018

"Despite its recognised benefits, most older adults do not engage in a regular physical activity. The ACANTO project proposes a friendly robot walker (the FriWalk) that will abate a some of the most important barriers to this healthy behaviour. The FriWalk revisits the notion...

Coordinated in: Italy

Programme: SOCIETAL CHALLENGES - Health, demographic change and well-

being, Active ageing and self-management of health

Last update: 15 August 2022

Add to my booklet

GuestXR GuestXR: A Machine Learning Agent for Social Harmony in eXtended Reality

ID: 101017884

From: 1 January 2022 to: 31 December 2025

Immersive online social spaces will soon become ubiquitous. However, there is also a warning that we need to heed from social media. User content is the 'lifeblood of social media'. However, it often stimulates antisocial interaction and abuse, ultimately posing a danger...

Coordinated in: Spain

Programme: EXCELLENT SCIENCE - Future and Emerging Technologies (FET), FET

Proactive

Last update: 13 June 2023 Add to my booklet

Corruption Roots At the roots of corruption: a behavioral ethics approach

ID: 637915

From: 1 September 2015 to: 31 August 2020

For many years, human cooperation has been praised as beneficial in organizational and personal settings. Indeed, cooperation allows people to develop trust, build meaningful relationships, achieve mutually beneficial outcomes, and strengthen bonding with one's group members...

Coordinated in: Netherlands

Programme: EXCELLENT SCIENCE - European Research Council (ERC)

Last update: 18 August 2022

Add to my booklet

CAPTAIN Coach Assistant via Projected and Tangible Interface

ID: 769830

From: 1 December 2017 to: 30 June 2021

Older adults typically prefer living at their homes as long as possible. However, they often need to be institutionalized due to the age related problems. Homecare can benefit today from a range of existing technologies including smartphones, sensors, etc., however, their...

Coordinated in: Greece

Programme: SOCIETAL CHALLENGES - Health, demographic change and well-

being, Active ageing and self-management of health

Last update: 13 June 2022

Add to my booklet

EuPOLIS Integrated NBS-based Urban Planning Methodology for Enhancing the Health and

Well-being of Citizens: the euPOLIS Approach

ID: 869448

From: 1 September 2020 to: 31 August 2024

EuPOLIS aims to: (a) replace the traditional perception in which engineering systems are built to protect the environment at significant costs. We aim to deploy natural systems to simultaneously enhance Public Health (PH) and Well-Being (WB), and create resilient urban...

Coordinated in: Greece

Programme: <u>SOCIETAL CHALLENGES - Climate action, Environment, Resource</u>
<u>Efficiency and Raw Materials, Protection of the environment, sustainable management of</u>

natural resources, water, biodiversity and ecosystems

Last update: 19 January 2024

Add to my booklet

<u>FourCmodelling Conflict, Competition, Cooperation and Complexity: Using Evolutionary Game Theory to model realistic populations</u>

ID: 690817

From: 1 January 2016 to: 31 December 2019

"Real animals and human populations are complex, involving structural relationships depending upon space and time and varied interactions between potentially many individuals. Human societies feature family units, communities, companies and nations. Some animal also have...

Coordinated in: United Kingdom

Programme: EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions, Stimulating

innovation by means of cross-fertilisation of knowledge

Last update: 4 September 2023

Add to my booklet

EVICT The Impact of the International Right to Housing on National Legal Discourse: Using Data Science Techniques to Analyse Eviction Litigation

ID: 949316

From: 1 January 2021 to: 31 December 2025

Eviction – the involuntary loss of one's home – has a devastating impact on people's wellbeing and has severe consequences for society as a whole. During and after the financial crisis of 2007-2011, over 700,000 people in Europe either lost their homes or were at risk...

Coordinated in: Netherlands

Programme: <u>EXCELLENT SCIENCE - European Research Council</u> (ERC)

Last update: 10 June 2022

Add to my booklet

HECAT Disruptive Technologies Supporting Labour Market Decision Making

ID: 870702

From: 1 February 2020 to: 31 July 2023

Hecat aims to investigate, demonstrate and pilot a disruptive technology to support labour market decision making byunemployed citizens and those seeking to help them. At one stage or another, almost half of all EU citizens will rely on aPublic Employment Services (PES), and...

Coordinated in: Ireland

Programme: Explore new forms of innovation, with special emphasis on social innovation and creativity and understanding how all forms of innovation are developed, succeed or fail, SOCIETAL CHALLENGES - Europe In A Changing World - Inclusive, Innovative And Reflective Societies

Last update: 18 December 2023

### Human Plus HUMAN+ Towards expertise in enhanced human/technology experience

ID: 945447

From: 1 July 2020 to: 30 June 2025

Rapid developments in information technology in the past three decades have opened up new, unfamiliar frontiers in all areas of society: culture and media, politics and security, health and wellbeing. Big data and machine learning are transforming our experience of social...

Coordinated in: Ireland

Programme: Increasing structural impact by co-funding activities, EXCELLENT SCIENCE -

Marie Skłodowska-Curie Actions Last update: 27 December 2023

Add to my booklet

### ARTSFORMATION Mobilising the Arts for an Inclusive Digital Transformation

ID: 870726

From: 1 April 2020 to: 30 September 2023

Thirty years ago, the internet, social media and smartphones had not been invented. Yet a generation later, almost every facet of our individual, public and -now- online life are dominated by the fast-pacing digital transformation. Last year we saw the privacy and data of...

Coordinated in: Norway

Programme: Explore new forms of innovation, with special emphasis on social innovation and creativity and understanding how all forms of innovation are developed, succeed or fail, SOCIETAL CHALLENGES - Europe In A Changing World - Inclusive, Innovative And Reflective Societies

Last update: 19 December 2023

Add to my booklet

### ROCK Regeneration and Optimisation of Cultural heritage in creative and Knowledge cities

ID: 730280

From: 1 May 2017 to: 31 December 2020

ROCK aims to develop an innovative, collaborative and circular systemic approach for regeneration and adaptive reuse of historic city centres. Implementing a repertoire of successful heritage-led regeneration initiatives, it will test the replicability of the spatial approach...

Coordinated in: Italy

Programme: Cultural heritage, SOCIETAL CHALLENGES - Climate action, Environment,

Resource Efficiency and Raw Materials

Last update: 13 September 2023

Add to my booklet

### iRead Infrastructure and integrated tools for personalized learning of reading skill

ID: 731724

From: 1 January 2017 to: 30 June 2021

The overarching aim of the iRead project is to develop a software infrastructure of personalised, adaptive technologies and a diverse set of applications for supporting learning and teaching of reading skills. The specific goals of the project proposed are to:1. Develop a...

Coordinated in: United Kingdom

Programme: <u>INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)</u>

Last update: 10 June 2022 Add to my booklet

# <u>COPA EUROPE COllaborative Platform for trAnsmedia storytelling and cross channel distribution of EUROPEan sport events</u>

ID: 957059

From: 1 November 2020 to: 31 October 2023

COPA EUROPE aims to address the exploding demand for non-linear sports consumption (live and eSports) by leveraging OTT and combining it with new set of media technologies that will democratise the consumer experience, enable cost-sensitive live video from anywhere, and...

Coordinated in: Spain

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 27 December 2023

Add to my booklet

<u>TECNIOspringINDUSTRY ACCIÓ programme to foster mobility of researchers with a focus in applied research and technology transfer</u>

ID: 801342

From: 1 June 2019 to: 30 November 2024

TECNIOspring INDUSTRY Fellowship Programme is proposed by ACCIÓ, the Catalan Agency for Business and Competitiveness, attached to the Ministry of Business and Knowledge of the Government of Catalonia. With a budget of 11,085,120 € (46% EU contribution, 54% ACCIÓ own funds)...

Coordinated in: Spain

Programme: Increasing structural impact by co-funding activities, EXCELLENT SCIENCE -

Marie Skłodowska-Curie Actions Last update: 9 December 2022

Add to my booklet

### LEaDing Fellows LEaDing Fellows

ID: 707404

From: 2 January 2017 to: 1 May 2022

The LEaDing Fellow Programme offers 90 two-year postdoc positions to ambitious and excellent researchers who want to perform research in a challenging, internationally esteemed and multidisciplinary environment. The aim is to help them to develop new research skills and a view...

Coordinated in: Netherlands

Programme: Increasing structural impact by co-funding activities, EXCELLENT SCIENCE -

Marie Skłodowska-Curie Actions Last update: 24 January 2023

Add to my booklet

ID: 770299

From: 1 May 2018 to: 31 January 2022

NewsEye NewsEye: A Digital Investigator for Historical Newspapers

ID: 770299

From: 1 May 2018 to: 31 January 2022

Newspapers collect information about cultural, political and social events in a more detailed way than any other public record. Since their beginnings in the 17th century they are recording billions of events, stories and names, in almost every language, every country and...

Coordinated in: France

Programme: Study European heritage, memory, identity, integration and cultural interaction and translation, including its representations in cultural and scientific collections, archives and museums, to better inform and understand the present by richer interpretations of the past, SOCIETAL CHALLENGES - Europe In A Changing World - Inclusive, Innovative And Reflective Societies

Last update: 8 December 2023

Add to my booklet

#### WeVerify WIDER AND ENHANCED VERIFICATION FOR YOU

ID: 825297

From: 1 December 2018 to: 30 November 2021

Online disinformation and fake media content have emerged as a serious threat to democracy, economy and society. Content verification is currently far from trivial, even for experienced journalists, human rights activists or media literacy scholars. Moreover, recent advances...

Coordinated in: Bulgaria

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 4 September 2022

Add to my booklet

### **Sharing Cities Sharing Cities**

ID: 691895

From: 1 January 2016 to: 31 December 2021

Sharing Cities has four key objectives. 1) To achieve scale in the European smart cities market by proving that properly designed smart city solutions, based around common needs, can be integrated in complex urban environments. This will be done in a way that exhibits their...

Coordinated in: United Kingdom

Programme: SOCIETAL CHALLENGES - Secure, clean and efficient energy, Foster

**European Smart cities and Communities** 

Last update: 1 February 2024

Add to my booklet

popAI A European Positive Sum Approach towards AI tools in support of Law Enforcement and safeguarding privacy and fundamental rights

ID: 101022001

From: 1 October 2021 to: 30 September 2023

"popAI is a 24 month Coordination and Support Action bringing together security practitioners, AI scientists, ethics and privacy researchers, civil society organisations as well as social Sciences and humanities experts with the purpose of consolidating knowledge, exchanging...

Coordinated in: Greece

Programme: Ensure privacy and freedom, including in the Internet and enhance the societal, legal and ethical understanding of all areas of security, risk and management, Improve cyber security, Secure societies - Protecting freedom and security of Europe and its citizens, Fight crime, illegal trafficking and terrorism, including understanding and tackling terrorist ideas and beliefs

Last update: 29 December 2023

Add to my booklet

# I-CONSENT Improving the guidelines for Informed Consent, including vulnerable populations, under a gender perspective

ID: 741856

From: 1 May 2017 to: 31 March 2021

The informed consent (IC) process allows the subject to voluntarily decide whether or not his/her participation in research. Generally, ICs are difficult to read documents that do not include all stakeholders' perceptions. Therefore, informative IC should be a process that...

Coordinated in: Spain

Programme: Take due and proportional precautions in research and innovation activities by anticipating and assessing potential environmental, health and safety impacts, Develop the governance for the advancement of responsible research and innovation by all stakeholders, which is sensitive to society needs and demands and promote an ethics framework for research and innovation, Integrate society in science and innovation issues, policies and activities in order to integrate citizens' interests and values and to increase the quality, relevance, social acceptability and sustainability of research and innovation outcomes in various fields of activity from social innovation to areas such as biotechnology and nanotechnology, Promote gender equality in particular by supporting structural change in the organisation of research institutions and in the content and design of research activities

Last update: 1 September 2023

Add to my booklet

### ImAc Immersive Accessibility

ID: 761974

From: 1 October 2017 to: 31 March 2020

Advances in technology have led to the availability of consumer Head Mounted Displays and the availability of 360° cameras for capturing immersive content. This has enabled broadcasters to explore new experiences, where narrative and content can be delivered with a heightened...

Coordinated in: Spain

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 4 September 2022

Add to my booklet

TRACTION Opera co-creation for a social transformation

ID: 870610

From: 1 January 2020 to: 31 December 2022

Opera uses all the visual and performing arts to create extraordinary worlds of passion and sensibility. It is rightly recognised as a great achievement of European culture. And yet a form that once inspired social and artistic revolutions is often seen as the staid preserve...

Coordinated in: Spain

Programme: Study European heritage, memory, identity, integration and cultural interaction and translation, including its representations in cultural and scientific collections, archives and museums, to better inform and understand the present by richer interpretations of the past, SOCIETAL CHALLENGES - Europe In A Changing World - Inclusive, Innovative And Reflective Societies, Research into European countries' and regions' history, literature, art, philosophy and religions and how these have informed contemporary European diversity Last update: 8 December 2023

#### Awareness Inside

Awareness and consciousness have been high on the Artificial Intelligence (AI) research agenda for decades. Progress has been difficult because it has been hard to agree on exactly what it means to be aware. Most researches would agree though that we do not have any truly...

Available languages:

EN

Last update: 20 June 2022

Add to my booklet

IC-3i-PhD Institut Curie 3-i PhD Program

ID: 666003

From: 1 September 2016 to: 31 August 2022

The new IC-3i-PhD program of Institut Curie and its partners will produce top-level scientific knowledge by promoting basic interdisciplinary research that will be translated into novel therapeutic avenues for diagnosis and treatment. The completely re-structured, revitalized...

Coordinated in: France

Programme: Increasing structural impact by co-funding activities, EXCELLENT SCIENCE -

Marie Skłodowska-Curie Actions

Last update: 29 April 2023

Add to my booklet

# COMPROP Computational Propaganda: Investigating the Impact of Algorithms and Bots on Political Discourse in Europe

ID: 648311

From: 1 January 2016 to: 31 December 2020

Social media can have an impressive impact on civic engagement and political discourse. Yet increasingly we find political actors using digital media and automated scripts for social control. Computational propaganda—through bots, botnets, and algorithms—has become one of...

Coordinated in: United Kingdom

Programme: EXCELLENT SCIENCE - European Research Council (ERC)

Last update: 24 August 2022

Add to my booklet

# FEDORA Future-oriented Science EDucation to enhance Responsibility and engagement in the society of Acceleration and uncertainty

ID: 872841

From: 1 September 2020 to: 31 August 2023

The relation between science and society is strongly influenced by the impressive acceleration of scientific and technological development. Within this society of acceleration (H. Rosa), the young are experiencing a sense of derangement and an alarming sense of loss of future...

### Working Age Smart Working environments for all Ages

ID: 826232

From: 1 February 2019 to: 31 July 2022

WorkingAge will use innovative HCI methods (augmented reality, virtual reality, gesture/voice recognition and eye tracking) to measure the user emotional/cognitive/health

state and create communication paths. At the same time with the use of IoT sensors will be able to detect...

Coordinated in: Spain

Programme: <u>SOCIETAL CHALLENGES</u> - <u>Health</u>, <u>demographic change and wellbeing</u>, <u>Active ageing</u>, <u>independent and assisted living</u>, <u>Individual awareness and</u>

empowerment for self-management of health

Last update: 28 December 2022

Add to my booklet

#### **PROJECT**

# ENLIGHT RISE RESEARCH AND INNOVATION AGENDA WITH AND FOR SOCIETY: Leveraging digital innovation for a greener and healthier Europe

ID: 101035819

From: 1 September 2021 to: 31 August 2024

ENLIGHT is a European university Network to promote equitable quality of Life, sustainability and global engagement through Higher education Transformation. It brings together 9 comprehensive, research-intensive, new flagship universities with a strong reputation. ENLIGHT...

Coordinated in: France

Programme: SCIENCE WITH AND FOR SOCIETY

Last update: 5 February 2024

Add to my booklet

#### PROJECT

### INVICTUS Innovative Volumetric Capture and Editing Tools for Ubiquitous Storytelling

ID: 952147

From: 1 October 2020 to: 31 December 2022

The INVICTUS project aims at delivering innovative authoring tools for the creation of a new generation of high-fidelity avatars (numerical representations of real humans) and the integration of these avatars in interactive and non-interactive narratives (movies, games, AR+VR...

Coordinated in: France

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 27 December 2023

Add to my booklet

#### INBOTS Inclusive Robotics for a better Society (INBOTS)

ID: 780073

From: 1 January 2018 to: 30 June 2021

The main challenge that INBOTS wants to overcomes is the lack of a clear understanding and communication between all the involved stakeholders. These limitations hinder current efforts to successfully discuss and agree on the many important technical and non-technical aspects...

Coordinated in: Spain

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 25 July 2022

### CURE Copernicus for Urban Resilience in Europe

ID: 870337

From: 1 January 2020 to: 30 April 2023

Resilience has become an important necessity for cities, particularly in the face of climate change. Mitigation and adaptation actions that enhance the resilience of cities need to be based on a sound understanding and quantification of the drivers of urban transformation and...

Coordinated in: Greece

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Space, Enabling exploitation of space data

Last update: 18 December 2023

Add to my booklet

# <u>iTRACK</u> Integrated system for real-time TRACKing and collective intelligence in civilian <u>humanitarian missions</u>

ID: 700510

From: 1 May 2016 to: 30 April 2019

The enduring humanitarian crisis in the Middle East, the unrelenting high levels of violence in Afghanistan and new outbursts of violence in South-Sudan have made 2014 another recordbreaking year for acts of violence against humanitarian aid workers. In 2000 41 significant...

Coordinated in: Norway

Programme: Secure societies - Protecting freedom and security of Europe and its citizens

Last update: 16 August 2022

Add to my booklet

ARCHITECHTURES Empowering building design professionals through Artificial Intelligence on the cloud

ID: 854888

From: 1 March 2019 to: 31 July 2019

In the next 35 years urban population will double producing a huge growing demand for housing. As population grows, concerns related to efficient management of natural resources is also increasing. The pressure is on for developers and design teams to find ways of designing...

Coordinated in: Spain

Programme: <u>PRIORITY</u> 'Societal challenges, <u>INDUSTRIAL LEADERSHIP</u> - <u>Innovation In SMEs</u>, <u>INDUSTRIAL LEADERSHIP</u> - <u>Leadership in enabling and industrial technologies</u>

Last update: 15 August 2022

Add to my booklet

#### ARETE AUGMENTED REALITY INTERACTIVE EDUCATIONAL SYSTEM

ID: 856533

From: 1 November 2019 to: 30 April 2023

Augmented Reality (AR) refers to the real-time digital overlay of information over physical elements. ARETE aims to develop, integrate and disseminate interactive technology via AR methods and tools for the creation and inter-connection of existing digital systems and to build

Coordinated in: Ireland

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 29 January 2024

#### CARESSES Culture Aware Robots and Environmental Sensor Systems for Elderly Support

ID: 737858

From: 1 January 2017 to: 31 January 2020

The groundbreaking objective of CARESSES is to build culturally competent care robots, able to autonomously re-configure their way of acting and speaking, when offering a service, to match the culture, customs and etiquette of the person they are assisting. By designing robots...

Coordinated in: Italy

Programme: SOCIETAL CHALLENGES - Health, demographic change and well-

being, Active ageing and self-management of health

Last update: 13 September 2023

Add to my booklet

### IBSEN Bridging the gap: from Individual Behaviour to the Socio-tEchnical MaN

ID: 662725

From: 1 September 2015 to: 31 August 2018

Developing models of real-world societal scenarios and systems is a key topic in the research agenda of social sciences, but is hindered by the lack of controlled experimentation with large groups of people. IBSEN will provide a breakthrough by building a repertoire of human...

Coordinated in: Spain

Programme: EXCELLENT SCIENCE - Future and Emerging Technologies (FET), FET Open

Last update: 20 July 2023 Add to my booklet

### MAHALO Modern ATM via Human/Automation Learning Optimisation

ID: 892970

From: 1 June 2020 to: 30 November 2022

MAHALO asks a simple but profound question: in the emerging age of Machine Learning (ML), should we be developing automation that matches human behavior (i.e., conformal), or automation that is understandable to the human (i.e., transparent)? Further, what tradeoffs exist, in...

Coordinated in: Italy

Programme: SOCIETAL CHALLENGES - Smart, Green And Integrated Transport, SESAR

Ш

Last update: 13 June 2023 Add to my booklet

# <u>TELAIGEN The Spanish Telecommunication Sector and the Development of AI Products</u> from a Gender Perspective

ID: 101028792

From: 1 February 2022 to: 31 January 2024

The rise of algorithm-powered technology in the telecommunications industry has been criticised for reproducing gender bias, particularly in Artificial Intelligence-driven (AI) products. This interdisciplinary and intersectoral project explores the gender bias within the...

Coordinated in: Spain

Programme: <u>EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions</u>, <u>Nurturing</u> excellence by means of cross-border and cross-sector mobility

Last update: 28 December 2023

PROJECT

### REELER Responsible Ethical Learning with Robotics

ID: 731726

From: 1 January 2017 to: 31 December 2019

REELER - Responsible Ethical Learning with RoboticsRobots are the next ICT-related technology on the horizon ready to radically alter human societies. It is a major societal concern that up to 40% jobs may be replaced by robots over the next 20 years. Few empirical studies...

Coordinated in: Denmark

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 17 August 2022

Add to my booklet

# VICINITY Open virtual neighbourhood network to connect intelligent buildings and smart objects

ID: 688467

From: 1 January 2016 to: 31 December 2019

The lack of interoperability is considered as the most important barrier to achieve the global integration of IoT ecosystems across borders of different disciplines, vendors and standards. Indeed, the current IoT landscape consists of a large set of isolated islands that do...

Coordinated in: Germany

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 5 April 2023 Add to my booklet

#### AWARE Coordination Action for Self-Awareness \nin Autonomic Systems

ID: 257154

From: 1 October 2010 to: 30 September 2013

The main aim of the AWARE Coordination Action is to provide a focal point for the wide range of research domains potentially addressed by the FET Proactive Initiative in AWARENESS. Self-awareness in autonomic systems can include ideas and concepts from

artificial intelligence...

Coordinated in: United Kingdom

Programme: Specific Programme "Cooperation": Information and communication

technologies

Last update: 15 July 2019 Add to my booklet

### City4Age Elderly-friendly City services for active and healthy ageing

ID: 689731

From: 1 December 2015 to: 30 November 2018

The first and core objective of City4Age is to enable Ambient Assisted Cities or Age-friendly Cities, where the urban communities of elderly people living in Smart Cities are provided with a range of ICT tools and services that - in a completely unobtrusive manner - will...

Coordinated in: Italy

Programme: SOCIETAL CHALLENGES - Health, demographic change and well-

being, Active ageing and self-management of health

Last update: 15 August 2022

## RePAIR Reconstructing the Past: Artificial Intelligence and Robotics Meet Cultural Heritage ID: 964854

From: 1 September 2021 to: 28 February 2025

Our goal with this project is to develop a ground-breaking technology to virtually eliminate one of the most labour-intensive and frustrating steps in archaeological research, namely the physical reconstruction of shattered artworks. Indeed, countless vases, amphoras, frescos...

Coordinated in: Italy

Programme: EXCELLENT SCIENCE - Future and Emerging Technologies (FET), FET Open

Last update: 29 January 2024

Add to my booklet

# NANOINFER Intelligent Memories that Perform Inference with the Physics of Nanodevices EASYTV Easing the access of Europeans with disabilities to converging media and content ID: 761000

ID: 761999

From: 1 October 2017 to: 30 June 2020

One of the many challenges people with various degrees of disabilities face (visually or hearing impaired) is their inability and difficulty to access mainstream products and services thus being excluded from enjoying audio-visual services on an equal basis as people without...

Coordinated in: Spain

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 4 September 2022

Add to my booklet

#### ReaLsMs Real Smart Cities

ID: 777707

From: 1 December 2017 to: 31 May 2022

The overarching objective of the ReaLsMs is to develop and implement a perspective on the Smart City through critical humanities research and innovation in the context of the Digital Studies. The joint research fields of ReaLsMs will be the development of historical and...

Coordinated in: Ireland

Programme: <u>EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions</u>, <u>Stimulating</u> innovation by means of cross-fertilisation of knowledge

Last update: 8 December 2023

Add to my booklet

# VRTogether An end-to-end system for the production and delivery of photorealistic social immersive virtual reality experiences

ID: 762111

From: 1 October 2017 to: 31 December 2020

VR-Together will offer new ground-breaking virtual reality experiences based on social photorealistic immersive content. For this purpose, it will develop and assemble an end-to-end pipeline integrating state-of-the-art technologies and off-the-shelf components. The challenge...

Coordinated in: Spain

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 11 August 2021

### ELG European Language Grid

ID: 825627

From: 1 January 2019 to: 30 June 2022

With 24 official EU and many more additional languages, multilingualism in Europe and an inclusive Digital Single Market can only be enabled through Language Technologies (LTs). European LT business is dominated by thousands of SMEs and a few large players. Many

are...

Coordinated in: Germany

Programme: INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial

technologies - Information and Communication Technologies (ICT)

Last update: 28 December 2022

Add to my booklet

### IMPACT Impact of Cultural aspects in the management of emergencies in public Transport

ID: 653383

From: 1 May 2015 to: 31 October 2017

The objective of the IMPACT project is to investigate the essential role played by cultural factors in managing safety- and security-issues related to emergencies in public transport systems. The IMPACT Coordination and Supporting Action is aimed at analysing the different...

Coordinated in: Italy

Programme: Secure societies - Protecting freedom and security of Europe and its citizens

Last update: 24 May 2023 Add to my booklet

rad to my bookiet

### SIRCIW Strengthening International Research Capacity in Wales

ID: 663830

From: 1 September 2015 to: 28 February 2022

Scientists in Wales are efficient, productive, collaborative, impactful and in many cases world leading. Recent evidence shows scientific excellence but a lack of critical mass in areas most likely to drive a knowledge economy through innovation and translation. This...

Coordinated in: United Kingdom

Programme: Increasing structural impact by co-funding activities, EXCELLENT SCIENCE -

Marie Skłodowska-Curie Actions Last update: 3 October 2023

Add to my booklet

Hungry EcoCities AI enabled artistic solutions for sustainable food systems

ID: 101069990

From: 1 September 2022 to: 28 February 2026

Agriculture has been a nursery for practical solutions to global challenges for a long time. EU agriculture is the only major system in the world that reduced greenhouse gas (CHC) emissions by 20% since 1990. Nonetheless, even though the EU's transition to sustainable food...

Coordinated in: Czechia

Programme: Digital, Industry and Space, Artificial Intelligence and Robotics

Last update: 18 August 2022

#### **EOSC-Nordic EOSC-Nordic**

ID: 857652

From: 1 September 2019 to: 30 November 2022

EOSC-Nordic aims to facilitate the coordination of EOSC relevant initiatives within the Nordic and Baltic countries and exploit synergies to achieve greater harmonisation at policy and service provisioning across these countries, in compliance with EOSC agreed standards and...

Coordinated in: Norway

Programme: Developing new world-class research infrastructures, EXCELLENT SCIENCE -

Research Infrastructures

Last update: 12 December 2023

Add to my booklet

### EASYRIGHTS Enabling immigrants to easily know and exercise their rights

ID: 870980

From: 1 January 2020 to: 30 November 2022

The overarching objective of EASYRIGHTS is to develop a co-creation eco-system in which different actors belonging to the local governance system can cooperate in increasing the quantity and quality of public (welfare) services available to immigrants. The specific aims are to...

Coordinated in: Italy

Programme: The mechanisms to promote smart, sustainable and inclusive

growth, SOCIETAL CHALLENGES - Europe In A Changing World - Inclusive, Innovative And Reflective Societies, Trusted organisations, practices, services and policies that are necessary to build resilient, inclusive, participatory, open and creative societies in Europe, in particular taking into account migration, integration and demographic change

Last update: 1 February 2024

Add to my booklet

# EDITO DIGITAL HANDLING AND DISTRIBUTION OF PERSONALIZED PRESS CLIPPINGS

ID: LE12246

From: 1 November 1995 to: 31 October 1997

EDITO is developing an application for press editors to deliver advanced on-line news services. The system is intended to retrieve press cuttings from a large newspaper database, filtered according to the subscriber-specified subject. It has tools for viewing, marking up and e

Coordinated in: France

Programme: Specific programme of research and technological development and demonstration in the area of telematic applications of common interest, 1994-1998

Last update: 1 November 1996