

Partner search/offer

Date (20-09-2022)

(*) – Mandatory

- (*) **Relevant topic(s) in work programme (code & name of the topic(s) line(s))**

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| <ul style="list-style-type: none">- HORIZON-CL4-2022-DIGITAL-EMERGING-02-06 Pushing the limit of physical intelligence and performance (RIA)- HORIZON-CL4-2022-HUMAN-02-01 AI for human empowerment (AI, Data and Robotics Partnership) (RIA) |
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- **Quick description of the project concept**

RMIT is offering its competencies to integrate consortium under the above topics.

- (*) **Description of the expertise requested/proposed (up to 1000 characters)**

For these topics, the **CIAIRI** - the RMIT **Centre for Industrial AI Research & Innovation** offers to bring AI to a pragmatic approach allowing to solve today's business needs. Its vision is to extend the human as a tool user rather than replacing the human all-together.

More generally, RMIT activity domains are classified in 2 main categories – Sustainable urban development and Digital technologies.

- **Advanced Materials, Manufacturing and Fabrication:** Defence and space, food production and agribusiness, sustainability, recycling and the environment, energy and energy transition, medical and health technologies, sensor and device development.

- **Biomedical and Health Innovation:** personalized and precision medicine, integrated healthcare, medical practices/diagnosing/monitoring/treatment, disease prevention and control, pharmaceutical and vaccine innovation, government and public policy, health sustaining living environment, remote monitoring.

- **Design and Creative Practice:** Health and aged care, technology and digital innovation, urban, transport, social planning, arts, cultural heritage, media and communications.

- **Global Business Innovation:** Entrepreneurial ecosystems, knowledge-intensive firms across manufacturing and services, tech-economy, research translation hubs, government bodies and agencies.

- **Information and Systems (engineering):** Big data analytics, energy modelling/control/analytics, images/video innovation, 5G to 6G systems/networks, space/spatial, autonomous/automated systems, cyber-physical automation/systems, cyber security, data capture and innovation.

- **Social Change:** Community services, social services, small/large NGOs, Health/disability/aged care services, local/state/federal/international government, justice/legal insurance, migration/settlement services, technology/telecommunication industries.

- **Sustainable Development Technologies and Systems:** Technological innovations, circular economy thinking, and other emerging digital technologies to address environmental, social and economic challenges in the areas of energy, water, food, environment and infrastructure.

- **Urban Futures:** Urban planning/design, housing, transport, economic development, resources (water and energy), urban greening, infrastructure, urban governance, climate change.

- (*) **Keywords describing the expertise requested/proposed (up to 10 words)**

Industrial Artificial Intelligence, AI and social sciences, Social changes, Big data, modelling, Automated systems, Materials, Energy, Climate, Education, Arts, Design, Mobility
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Organisation information

<p>(*) Organisation and country: RMIT Europe as partner. RMIT Australia as associated partner with zero EU budget. RMIT Vietnam eligible to EU funding. Entities that enter consortia: [RMIT Australia + RMIT Europe], [RMIT Australia + RMIT Vietnam], or [RMIT Vietnam] only.</p>
<p>(*) Type of organisation: <input type="checkbox"/> Enterprise XSME (RMIT Europe) <input checked="" type="checkbox"/> Academic (RMIT Australia/Vietnam) <input type="checkbox"/> Research institute <input type="checkbox"/> Public Body <input type="checkbox"/> Other: Association</p>
<p>Former participation in FP European projects? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Web address: https://www.rmit.eu/</p>
<p>Description of the organisation: RMIT (Royal Melbourne Institute of Technology) is an Australian public university based in Melbourne, Victoria. It has two branches, called “RMIT University” in Australia and “RMIT International University” in Vietnam. RMIT Europe is the European hub of RMIT.</p> <p>RMIT (Australia, Vietnam and Europe) collaborates with research and industry partners from across Europe on projects funded by the European Union, and national and local governments. RMIT brings added value to the project thanks to:</p> <ul style="list-style-type: none"> - An international dimension beyond Europe’s borders, especially in Asia thanks to our established presence in this region. - Experience coordinating the inclusion of non-European public entities in a project, such as cities or public agencies in Australia, Vietnam, China and Singapore. - Non-European perspectives and methodologies such as our unique model of doctoral degree for practicing architects and designers. - Extensive expertise with a large background in EU funded projects. - Established industry partnerships allowing access to a large network of companies and user cases. <p>Only 2 entities from RMIT enter the same EU project as full partners (RMIT Vietnam/Australia or RMIT Europe/Australia). RMIT Australia and RMIT Vietnam enter the consortium as partners from associated EU countries. Below is shown the funding model for each one of the entities:</p> <ul style="list-style-type: none"> - RMIT University –Australia: <ul style="list-style-type: none"> • Non-eligible to EU funding. • Included as Associated Partner (with zero EU budget in the consortium). • Scientific leadership for RMIT Australia participation in EU funded projects. • All their costs are fully supported by RMIT University and contributed to the project in-kind at zero cost to the EU. - RMIT Europe (Spain): <ul style="list-style-type: none"> • Spanish legal entity, eligible for EU fundings. • Partner. • Use of EU funds in HEU projects: directly employing staff, events, experiments, etc. - RMIT University – Vietnam: <ul style="list-style-type: none"> • Enters EU projects as partners from associated country. • Low- to middle-income country <input type="checkbox"/> Eligible to funding. • Use of EU funds in HEU projects: directly employing staff, events, experiments, etc.

(*) Contact details

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