

## Project Partner Search Form

I offer my expertise to participate as a Partner in a Horizon Europe Project

I am planning to coordinate a project and I am looking for Project Partners

### TOPICS OF INTEREST

HORIZON-MISS-2024-CIT-01-02: Zero-pollution cities

### PARTNER INFORMATION

The National Institute for Research & Development in Informatics – ICI Bucharest, established in 1970, is the leading institute in Romania in the ICT field. 7 R&D departments are covering the following areas: Modeling and optimization of complex systems; Cybersecurity, digital forensic, Cyber diplomacy; Blockchain; Cloud Computing; Artificial intelligence (machine learning, deep learning); Advanced management and analysis of Big Data; Smart environments, IoT-Edge-Cloud based services; Critical Infrastructure Protection; eHealth for a sustainable, personalized, and innovative medicine; Informatics for various areas of economic, social and public interest; Multidisciplinary research in ICT related fields. Recently cross-departmental Innovation Laboratories have been established in the following emerging and disruptive technologies: Blockchain, Cyber Security, IoT, AI, HPC, Quantum Computing / Communications, Smart Networks and Services – 5G/6G. During the last decade, ICI has been involved in 20 projects funded by European framework programmes FP7, H2020, and HE.

Since 2023 ICI Bucharest has been involved in the national complex project "*NetZeRoCities - National Competence Centre and solutions for the development of Climate Neutral and Smart Cities*", run by a consortium including also 4 universities and 5 ICT companies. The project includes 5 component projects: P1 - Climate-Neutral Governance, P2 - Sustainable energy & environments, P3 - Smart sustainable buildings, P4 - Smart mobility and infrastructures, P5 - Smart Campus & Digital Twins. ICI is coordinating P1 and participate in P2, P4 and P5. The project is funded by the National Recovery and Resilience Plan as support for implementing the objectives of the Climate-Neutral & smart cities mission at the national level. The main beneficiaries of the NetZeRoCities project are local administrations of the 3 Romanian cities included in the 100 Cities list of this mission. In this context, our interest in participating in a HORIZON-MISS-2024-CIT-01-02 project is twofold: to contribute with our experience in the NetZeRoCities project complemented by the expertise in eHealth, and to develop complementary competences and specific use cases of great interest for beneficiaries of our Competence centre.

#### Description of the Legal Entity

Higher Education  
Administration

Research Institution

Public

Industry /SME

NGO

Other: ***Please***

***specify***

#### Description of the (Research) Team

Our research team has experience in IoT based smart environments, Big Data, mathematical modeling and statistics, cybersecurity, eHealth, software development, and project management. Most of team members have formerly participated in European projects.

### **Expertise of the Team Leader**

I am scientific researcher 2<sup>nd</sup> degree (Accredited researcher) in Applied Informatics and head of Digital Transformation and Governance Department at ICI. In the NetZeRoCities project I coordinate the ICI participation. Regarding international cooperation, I was previously involved in 2 European projects. Also, I am involved in professional associations and clusters in IT&C.

### **Potential role in the project**

- Research  Training  
 Dissemination  Other: ***Please specify***

Already experience as a	Coordinator	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	Partner	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	Expert Evaluator	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

### **CONTACT DETAILS**

Contact Person: Ionuț Petre, PhD
Organization: National Institute for Research and Development in Informatics - ICI Bucharest
City: Bucharest
Country: Romania
Phone:
Email: ionut.petre@ici.ro
Organization Website: www.ici.ro
Contact Person Webpage: N/A

Date: 30/08/2024