

- 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

UAVs based edge computing, sensor network, IoT network implementation for remote area using UAVs

PARTNER INFORMATION

One of the partners should be allocated to support historical buildings defect in terms of chemical disruptive changes and types of risks which ancient buildings in remote are faced. It is needed to know what type of information should be collected, etc.

Another partner should be expertise in edge computing and embedded system design for the system which should be mounted in the UAVs.

A UAV pilot is needed as well in the middle of the project.

A data scientist is needed as well.

Lancaster University supports sensor network implementation, system architecture, and radio access network design.

Last partner should be an expertise person in practical network design aspects. (An engineer)

Description of the Legal Entity

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Higher Education | <input checked="" type="checkbox"/> Research Institution | <input type="checkbox"/> Public Administration |
| <input checked="" type="checkbox"/> Industry /SME | <input type="checkbox"/> NGO | <input type="checkbox"/> Other: <i>Please specify</i> |

Description of the (Research) Team

- *Defects and chemical changes in remote area ancient places, remote area soil features , chemical changes in environment (which is related to global warming and greenhouses) knowledge*
- *Edge computing designer to design an efficient edge computing system to process the sensory data*
- *Data analysis to visualize and analyze the data at the edge*
- *UAV pilot for testing process*
- *Sensor network and radio network designer for whole project*

Expertise of the Team Leader

Ph.D in Telecommunications and information technology engineering, expertise in network system design, sensor network and smart city, UAVs based radio communication + Data Scientist

Potential role in the project

Research

Training

Dissemination

Other: *Please specify*

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

CONTACT DETAILS

Contact Person: Vahid Kouh Daragh
Organization: Lancaster University
City: Lancaster
Country: UK
Phone: 07388800336
Email: y.kouhdaragh@lancaster.ac.uk
Organization Website: https://www.lancaster.ac.uk/
Contact Person Webpage: https://www.lancaster.ac.uk/sci-tech/about-us/people/vahid-kouh-daragh

Date:

Please send this form back to: contact@net4society.eu