

Project Details

Project Title	Centre for Sustainable Transitions: Responsible Smart Environments
Acronym	Responsible Smart Environments
Funding Authority	UCLan UK CST Seedcorn Funding
Coordinator (PI)	Dr Josephina Antoniou (UCLan Cyprus)
Involved UCLan Cyprus Academics	Dr Josephina Antoniou, Dr Marios Raspopoulos, Prof. Stephanie Laulhe Shaelou
Partner Institutions	UCLan Cyprus, UCLan UK
Project Budget (€)	€5,663.00
Timeline	November 2019-October 2020
Website	https://www.uclan.ac.uk/research/explore/centre-sustainable-transitions.php (for the research centre)

Project Objectives, Description and Impact (300 words max)

Responsible research and innovation (RRI) is an approach that assesses potential implications and societal expectations related to research and innovation, aiming to foster the design of ethical, inclusive and sustainable research and innovation. Informed by RRI, the project focuses on empirical data collection to support the development of a set of guidelines for the implementation and use of smart environments that employ the technology of the Internet-of-Things (IoT), such that both the implementation and use of these environments is considered responsible, i.e. ethical, inclusive, and sustainable. The work of the project is well-aligned with the UN Sustainable Development Goals, a blueprint proposed by the United Nations to achieve a better and more sustainable future for all. Specifically, projects outputs are aligned with the need for effective governance by ensuring that the proposed guidelines promote “the rule of law and human rights” (SDG 16: *Peace, Justice and Strong Institutions*). Moreover, the project plans to improve knowledge of IoT technology, by sharing ideas and fostering innovation for sustainable development of smart environments (SDG 9: *Industry, Innovation and Infrastructure*; SDG 11: *Sustainable Cities and Communities*). Finally, the responsibility aspects of the work are aligned with goals related to reducing inequalities, supporting gender equality and promoting quality education and training (SDG 10: *Reduced Inequalities*; SDG 5: *Gender Equality* ; SDG 4: *Quality Education*).



RESPONSIBLE SMART ENVIRONMENTS