

Co-funded by the
Erasmus+ Programme
of the European Union



No. 601106-EPP-1-2018-1-ES-EPPKA2-KA



Advanced Training in Health Innovation Knowledge Alliance

Favouring a more sensible engineering education

Specific needs

- Lack of technologic experts and engineers that know well the specific ethical implications of the healthcare applications.
- Many healthcare center managers are reluctant to all the changes that the technologic development implies.
- Engineering education is still focused on how to develop and implement new technologies, neglecting the social and environmental implications of them – not just the final purpose but also its meaning.
- Need to engage students and professors in discussions related to the ethical implications of new technologies, as much as pushing them to become more innovative.

Target groups - direct

- Graduate students with a technical background
- HEIs in Engineering, ICT, Health (Medicine & Pharmacy), Sociology, Architecture and Business
- SMEs in smart development sector, especially dealing with smart health & care systems
- Tech Industry involved in the smart health & care systems



Target groups - indirect

- Local and Regional Business Development Centers (aiming to promote the competitiveness and internationalization of local SMEs)
- Experts in smart health & care systems
- Municipalities and citizens
- Publishing, social media companies focusing on smart health & care systems



Main aims and objectives

- Creating an innovative approach for training and support, aimed at increasing the successful implementation of ICT innovations and initiatives for the European healthcare sector companies and ventures.
- Bringing a humanistic approach to the engineering education while addressing the most important new research in the world of AI and IoT linked to Healthcare.
- Boosting collaboration among academia, public administration, SMEs, start-ups and industry in the Healthcare realm.
- Cultivate a scientific & tech innovation culture by offering reflected solutions, that fits into societal needs and desirability.



...proposes to explore innovative approaches for technologically advanced training and support that explicitly integrates humanistic concerns, aimed at increasing the successful implementation of ICT – Internet of Things, Big data and Artificial Intelligent Systems integrated into Decision-Support Systems, for the healthcare sector of European companies and ventures.

Outputs

- Advanced training programs in humanistic health innovation
- Training with a set of 3 workshops on IoT, AI/Data Analytics, and Ethics, Security & Governance
- Competition for students to collaborate in the development of novel technical and ethical-compliance solutions
- A student-centered online knowledge hub offering a collaborative medium
- Symposiums: 1. Addressing the more urgent challenges in the health sector & 2. Final symposium- for the presentation of the project results
- Knowledge Alliance Strategy to further extend the network alliance to other European HEIs and SMEs

The partners

- La Salle - Universitat Ramon Llull (URL) – ES
- The University of Tartu – EE
- The University of West Scotland– UK
- Fundació TIC Salut Social– ES
- Technopolis – EE
- Kaunas Science and Technology Park – LT
- MCRIT/Multicriteria – ES
- Pharmatics-UK
- Technosens Evolution-FR



For further information

www.athika.eu



The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.