



Additive manufacturing, also known as 3D printing, is a disruptive technology with a promising potential in the health sector. The COVID-19 pandemic has further proven the potential, the flexibility and the agility of this technology. Why has it not been more integrated in hospitals and the health care sector earlier? Some of the barriers for its integration are the lack of knowledge and skills on the use of the technology, as well as a complex value chain requiring the cooperation of actors from different backgrounds.

ALADDIN wishes to tackle the gap in knowledge and help create a better cooperation among stakeholders, contributing to the integration of additive manufacturing in the health sector.

ALADDIN is an ERASMUS + project that brings together six European organisations under the leadership of AIMPLAS (Technological Institute of Plastics, Spain) from the worlds of research with AMRC (Advanced Manufacturing Research Centre, UK), of innovation with ITEMAS (Medical technology Innovation Platform-Spain) and HIHI (Health Innovation Hub Ireland), of healthcare with HOPE (European Hospital and Healthcare Federation) and of training programmes with Jobs@skills (Belgian organisation specialised in training programs creation).

Their common goal is to develop an innovative training programme on additive manufacturing in hospitals, targeting not only health professional working in hospitals, such as doctors, surgeons, and biotechnologists, but also engineering students with a future in the health sector. By training these two key players the project will ensure a better coordination and understanding between both sectors, an increase in the quality of the healthcare systems and competitiveness of the additive manufacturing industry. Achieving the full incorporation of the technology in the health sector.

ALADDIN will develop until September 2022 a training methodology, a teaching guide, training contents customised for each target group and an e-Learning platform. Pilot training activities will first ensure the appropriateness of the training content. In addition, three multiplier events will take place in three different countries (Belgium, Ireland, Spain) during the course of the project to present the training courses and guarantee that the project reaches the target groups.

<https://project-aladdin.eu/>

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