

Prepared by: BEEVERYCREATIVE  
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## European Space Agency “MELT” Project

Consortium consisting of 4 European tech companies developing an ALM (Additive Layer Manufacturing) breadboard machine for ESA

The consortium, consisting of [Active Space GmbH](#) (Germany), [Active Space SA](#) (Portugal), [OH B Systems AG](#) (Germany) and [BEEVERYCREATIVE](#) (Portugal), won a public tender launched at the end of 2014 by the [European Space Agency](#), and has been working on the MELT project since June last year.



MELT (Manufacturing of Experimental Layer Technology) project’s goal is to design, develop and test a fully functional ALM breadboard model, able to work under microgravity conditions of the ISS (International Space Station) and 3D print with engineering polymers with high end mechanical and thermal properties.

BEEVERYCREATIVE is bringing its expertise in 3D printing to the consortium, and is responsible for the design of the ALM breadboard model and its operating software.

The project will be delivered in May 2017, and has several phases scheduled: from studying the “state of the art” of current technologies, development of the actual hardware and software, to testing of the breadboard, followed by the evaluation of 3D printed components.

We are really excited to contribute to a new technological era, and together... make the future come true!

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### **About Active Space GmbH/ Active Space SA**

“Active Space Technologies is a European based company operating in space, aeronautics, nuclear, defence and industry.

Active Space Technologies offers bespoke electro-mechanical systems for extreme harsh environments, such as instruments and mechanisms, actuators and wireless sensing systems. Our systems are qualified for high-g, high temperature radiation environments.”

For more information visit [www.activespacetech.com](http://www.activespacetech.com)

### **About OHB Systems AG**

“The systems specialist OHB System AG is one of the leading independent forces in European space. We have been making a name for ourselves on the market with our creative and business approach for a good 35 years particularly in our core business comprising low-orbiting and geostationary satellites. We are developing and executing some of the key projects of our times such as the Galileo navigation satellites, the SARah reconnaissance system, the MTG meteorological satellites, the EnMAP environment satellite, the TET-1 technology testing vehicle and the HispaSat, ELECTRA and EDRS-C telecommunications satellites.”

For more information visit [www.ohb-system.de](http://www.ohb-system.de)

### **About BEEVERYCREATIVE**

“BEEVERYCREATIVE is determined to be at the vanguard of the desktop 3D printing business and to push forward this powerful technology eager to be discovered. We are committed to develop, deliver and generate user-friendly solutions with innovative approaches and exceptional quality and design.”

For more information visit [www.beeverycreative.com](http://www.beeverycreative.com)