

IMMERSIVE REALITY

POWERED BY SPACE

Funding up to €64K per Activity

Deadline: 16 June 2021



IMMERSIVE REALITY

The European Space Agency is offering technical support and funding to companies developing innovative services and solutions exploiting satellite data for immersive reality technologies. These technologies have been increasingly utilised in recent years for several applications to enlarge the users experience and provide digital content tailored to the applications. In particular, this topic has become even more relevant since the COVID outbreak with many businesses using immersive solutions to run simulations, for staff training and inductions courses. Applications using these technologies are spreading through a large variety of sectors and industries, such as Healthcare, Education and Virtual Heritage and Training.

The following key focus areas have been identified:

- **Mixed Reality:** It allows to interact with and manipulate both physical and virtual items and environments, using next-generation sensing and imaging technologies. This technology can be used in a number of applications in various industries such as education, entertainment, and healthcare.
- **Simulations:** These are useful in a broad spectrum of application domains, ranging from educational games for younger audiences, to collaborative training and simulation environments for industry, or games for entertainment.
- **Digital Twin:** It is a precise digital visualisation of a physical object such as a product or infrastructure component. Digital Twins are typically used to display information about the physical object collected with systems and sensors. Applications can be found in several sectors such as industrial products, infrastructure, healthcare and energy.
- **Holograms:** This is a 3D projection in space and visible to everyone without the need for 3D glasses. Products, objects, and animated sequences three-dimensionally can be displayed enabling real objects or animations to appear to float completely freely in space.

WHAT WE OFFER



Zero-Equity Funding
up to €64K per Activity



Access to our
Network & Partners



Technical & Commercial
Guidance



Brand Credibility

WHAT WE LOOK FOR

- ✓ Motivated teams with business and domain expertise
- ✓ Attractive market opportunities and customer engagement
- ✓ Commercially viable service concepts
- ✓ Technically feasible solutions enabled by space

Apply Now!

For further information, [see here](#).

Official tender documentation: ESA EMITS (emits.esa.int) – Details available soon

Submission Period: 1 March 2021 – 16 June 2021 13:00 CEST (see [website](#) for exact theme dates)

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