TOP 10 **N. project:** L1-16 **category:** **Cross-modality**

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RA6 **Freight Transport and Logistics**

Key Characteristics: Cross-modal Sustainability through Virtual Reality Methods • Concentration on defeating the time oscillations and Idling time's minimization of trucks, trains, and ships • The possibility of augmented intelligence within virtual reality between the logistics partners • Technical communication among the transportation pillars •

The Sustainable Future of Cross-Modal Transportation and Container SC Through the Augmented Reality

The history of innovation in human life is full of fantastic incremental ideas, which sometimes resembled and were inspired by an ancient contraption, or sought out through a futuristic idea. But what is important is that they always attempt to illuminate and illustrate better expectations.

However, concerning cross-modal freight transportation and European intermodal container logistics, reducing the waiting time and minimising the idle time is one of the compelling arguments. Unfortunately, cross-modal transportation still suffers from a series of factors that increase the intermodal delivery time in practical working life. In such circumstances, "The Sustainable Future of Cross-Modal Transportation Through The Augmented Reality (AR)" project aims to significantly diminish the total idling time of cross-modal and intermodal logistics among heavy trucks and trains. The bottlenecks and critical points of delay or delivery inadequacies are retrieved from the "Intermodal Tree's Analysis".

On the other hand, the technological aids used to correlate the real-life of cross-modality with the virtual and augmented reality are Augment (http://www.augment.com/) and Aurasma (https://www.aurasma.com/) platforms. The project proposes to develop an influential relationship regarding the efficiency of cross-modal transportation. In addition, the project extends an advanced solution for reducing the lorries, trains and vessels idling time and determining a technological presentation for the pragmatic connection between the infinite world of virtual reality and logical multi-modal logistics information in real-time •