

ARGEO – Geological View for Augmented / Virtual Reality

Topic of focus:

The purpose of the ARGEO Project is to explore the usage of virtual reality / augmented reality for the geological point of view, by using mobile devices (such as tablet computers, smart phones, etc.).

Expected synergies and complementarities:

The project tests the methods required for editing existing data and introducing new data into the system. The project uses digital models from both geoscientific and environmental information, and uses the visualization technology of expanded reality (virtual reality / augmented reality)

Outcomes:

The project develop a service product consisting of mobile utilization of digital resources in field work or production sites in geology, environmental mapping and land use planning. The product saves costs and improves the value of existing digital data.

Market & Business opportunities:

The product is broadening the scope for understanding and using geology and geosciences. It also gives an real-time information for corporate sector as well as a public authorities such as mining companies, consulting companies and local and national authorities

Partners already identified:

VTT Technological Research Centre of Finland Ltd., 3D-Talo Ltd.,

Wanted additional partners:

AR/VR Technology Companies, Mining Companies,

