




ARInfuse Seminar



Exploiting the potential of the
Augmented Reality technologies
within the utility network sector

16 April 2019 | 9:00 – 12:30
Consorzio TICASS –
Via D. Fiasella 3/16 Genoa

About the ARInfuse project

ARInfuse is an Erasmus+ project that aims to infuse skills in **Augmented Reality for geospatial information management** in the context of utility underground infrastructures, such as water, sewage, electricity, gas and fiber optics. In this field, there is a real need for an **accurate positioning of the underground utilities**, to avoid damages to the existing infrastructures. Information communication technologies (ICT), in fusion with global navigation satellite systems (GNSS), GIS and geodatabases and augmented/virtual reality (AR/VR) are able to offer the possibility to convert the **geospatial information** of the underground utilities into a powerful tool for field workers, engineers and managers.

ARInfuse is mainly addressed to **technical professional profiles** (future and current) in the **utility sector** that use, or are planning to use AR technology into practical applications of ordinary management and maintenance of utility networks. Being an Erasmus+ project, the main objective of ARInfuse is the **development of attractive education and training programmes**. Other objective is the development of **partnerships** between learning institutions, business and intermediary bodies, to improve the effectiveness of learning experiences.

The project started on December 2018 for a duration of 2 years.

Web site: www.arinfuse.eu

About the seminar

The ARInfuse seminar is addressed to project partners and external stakeholders from the utility network sector or, in general, to those **having interest in Augmented Reality (AR) technology and applications**. The seminar will introduce the ARInfuse initiative, and is focused on the professional use of AR. Possible AR applications for utility network management, with reference to specific research and professional profiles, are also presented as preliminary project results.

Participation is free.

Due to limited seats please register at
d.policastro@gisig.it

Programme

- 9:00** *Registration*
- 9:30** Welcome and introduction to the seminar (G. Saio, GISIG)
- 9:50** ARInfuse Project (K. Smagas, Geolmaging, Project Coordinator)
- 10:10** Augmented Reality: from research labs to professional use (N. M. Karabid, P. Lesur, DFKI)
- 10:50** *Coffee Break*
- 11:10** Business Processes and Job Profiles in water utilities overlooking the AR (A. Marchese, GISIG)
- 11:30** From AR use cases to learning material (A. Ostman, NOVOGIT)
- 12:00** Discussion on AR use cases and validation of preliminary project outreach (moderator: Anders Ostman, NOVOGIT)
- 12:30** End of works