

Output factsheet: Internship

Version 1

Project index number and acronym	CE32 - AMIIGA
Lead partner	Central Mining Institute (Główny Instytut Górnictwa)
Output number and title	O.T1.3 - Trans-regio. & cross-sectoral capacity building by trainings & internships for collective tools development
Responsible partner (PP name and number)	PP7-Polytechnic of Milan (POLIMI)
Project website	http://www.interreg-central.eu/Content.Node/AMIIGA.html
Delivery date	08.2019

Summary description of the implemented training measure(s), explaining the specific goal(s) and target groups

The internship held Ljubljana, concerning deliverable D.T1.5.3, was served as platform for tools & guideline of the groundwater model (D.T1.1.3). The involved target groups were higher education and research in order to have a transnational cooperation to develop the Pilot Action (PoliMI, LHS).

The internship was held on 27 September 2018 (in the first part of morning 9.00-11.00) and took place at the Museum and galleries of Ljubljana located in the center of Ljubljana city. About 5 persons attended the internship.

NUTS region(s) where training(s) have been conducted (relevant NUTS level)

The internship was held in Slovenia (NUTS 0) in the region of Zahodna Slovenija (NUTS 2).

Expected impact and benefits of the trainings for the concerned territories and target groups

The internship was very useful to cooperation in a transnational way concerning development of modelling for the specific pilot action. PPs were satisfied to discuss about the conceptual model developed into groundwater modeling and they were interested to update some suggestions. Several benefits could be reached: have a conceptual model well fitted with the real hydrogeology in the site, provide a groundwater model useful for transport model into pilot action. Target group for this internship included only PPs.

Sustainability of the training(s) and developed training material(s) and their transferability to other territories and stakeholders

The discussion focused on the water exchanges between the Gipskeuper and the Mushelkalk aquifer in the area where the well AMIIGA 1 was drilled reaching the Grenzdolomite lithostratigraphic level. The modeler hypothesis is that the fault system detected nearby AMIIGA 1 and the head differences between the aquifers could be responsible for a water exchange from the shallow groundwater system forward the the deep one. This conceptual model would explain the high concentration of PCE detected in the Grenzdolomite level.

Lessons learned from the development and implementation of training measures and added value of transnational cooperation

The internship held in Ljubljana was very useful to share more recent modelling experiences between PPs under a transnational cooperation. The implementation of internship was very useful to discuss about models developed by PPs for their specific pilot actions. Discussion and comparison of different case studies have been very useful to modelers in reason to solve some problems during the modelling development.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

D.T1.5.3 Internship for FOKS amended/upgraded & harmonized tools development & implementation
D.T1.1.3 Guideline for implementation and use "GW contamination modeling at FUA: "Inverse iterative modeling"