

WORKSHOP “TRAINING AND EDUCATION IN GI AND EO SECTORS”

Date: 18/09/2018; h14:00 - h17.30

Venue: Flanders Meeting & Convention Center Antwerp - **Room Nightingale**

WORKSHOP DESCRIPTION

Erasmus+ is the EU programme to support education and training in Europe, with the aim is to contribute to the Europe 2020 strategy for growth, jobs, social equity and inclusion, and to the EU strategic framework for education and training (ET2020),.

In order to support these objectives, some key actions have been launched by the Commission, among them, the , **Knowledge Alliances and Sector Skills Alliances** are intended, respectively, to foster innovation in higher education, business and the broader socio-economic environment and to tackle skills gaps with regard to one or more occupational profiles in a specific sector. Both these actions emphasise the identification of existing or emerging sector-specific labour market needs (demand side), and the enhancement of the responsiveness of initial and continuing vocational education and training (VET) systems, at all levels, to the labour market needs (supply side).

The aim of the workshop is to raise awareness on the activities and results of two cutting edge projects, giCASSES and EO4GEO, promoted respectively within the Knowledge Alliances and Sector Skills Alliances actions of the ERASMUS+ Programme, and provide the audience with hands-on examples and demonstrations on the approaches and methodologies planned and/or already developed within the two projects, with an interactive focus aimed at achieving a common shared understanding on how to foster, apply and sustain innovation in teaching and learning in the geospatial sector.

giCASSES is a Knowledge Alliance aiming to enable and strengthen innovation in GI education and industry and to facilitate the collaborative creation, management and sharing of knowledge. These objectives are addressed by developing new, innovative and multidisciplinary approaches to teaching and learning within the Geographic Information (GI) sector, and by facilitating the exchange, flow and co-creation of knowledge. Six case studies have been identified, with the co-creation of the related training material, to test and enhance the approach.

EO4GEO is a Sector Skills Alliance aiming to help bridging the skills gap between supply and demand of education and training in the space/geospatial sector by reinforcing the existing ecosystem and fostering the uptake and integration of space/geospatial data and services in end-user applications. EO4GEO is one of the flagship projects funded by ERASMUS+ in the framework of the “Blueprint for sectoral cooperation on skills” and is connected to the Copernicus Building Skills Action.

The objectives of the event are:

- To support the capacity building of the INSPIRE Community with educational and training opportunities, in line with the new strategic approach of the Commission
- To present and demonstrate the key-concepts of the giCASSES project: collaborative and case-based learning, co-creation of knowledge and how those are applied in the six case studies of the project;



- To raise awareness on the EO4GEO sectoral skills strategy, in the EO Academic and industrial context, presenting the first results and its approach on how it will be implemented through an ontology-based Body of Knowledge for the space/geospatial sector, a series of designed curricula and a portfolio of training modules directly usable in the context of Copernicus and other relevant programmes in view of a long term action plan for a sustainable and systematic collaboration between the actors of the educational/training and space/geospatial sectors.
- To discuss with the audience on the replicability and sustainability of the presented approaches and strategies, and how to foster the connection with the EU policies of Digital Economy and Copernicus user up-takes initiatives, in view of the addressed long-term socio-economic impact.

WORKSHOP AGENDA

Slot 1 (14:00 – 15:30) – Chaired by Giorgio Saio (GISIG)

Other speakers: Danny Vandenbroucke (KULeuven), Carlo Cipolloni (ISPRA-Istituto Superiore per la Protezione e la Ricerca Ambientale), Dirk Fricke (Geosparc)

- EO4GEO and giCASES: the policy framework supporting skills in EO and GI
- giCASES objectives and outlines
- giCASES methodologies for the co-creation of knowledge
- The case-based approach to teaching and learning
- Hands-on demonstration on the developed case-studies

Discussion

Slot 2 (16:00 – 17:30) – Chaired by Danny Vandenbroucke (KULeuven)

Other speakers: Marion Bouvet (EARSC- European Association of Remote Sensing Companies), Stefan Lang (PLUS - Paris Lodron University Salzburg), Giorgio Saio (GISIG)

- A new strategic approach (Blueprint) to sectoral cooperation on skills
- EO4GEO objectives and outlines
- A look at the EO industry and its potential
- EO4GEO perspective in the context of the Copernicus Academy Network
- Result of the supply/demand survey for GI and EO
- Development of the Body of Knowledge for GI and EO (demonstration)

Discussion and conclusions

