ASTRE

Co-funded by the
Erasmus+ Programme
of the European Union

"Automatic System for Tracking E-Learners"
THE ASTRE PROJECT

Erasmus+ project. 2019-1-ES01-KA204-065644

www.trackingelearners.eu

Summary of the Project:

The ASTRE project has developed a monitoring tool to measure the impact of MOOCs and e-learning on both the professional and personal development of participating learners in MOOCs and e-learning. This tool is integrated into the quality assurance system of MOOC and e-learning providers.

The development and implementation of a MOOC learner tracking system, supports MOOC providers in order to make evidence-based decisions on the relevance and quality of their e-learning courses. Moreover, it allows to increase the offer and demand of them. Given that open MOOCs to audiences that are not traditionally motivated to participate in lifelong learning.

Its main objective has been to contribute to the acceptance, dissemination and quality improvement of MOOCs, in order to increase students' competences in their learning and career paths.

The project has been developed by 4 universities and 2 entities between 1 November 2019 and January 2022;

- **UPV** - Polytechnic University of Valencia (SPAIN)

- **FAU** - Friedrich-Alexander-Universitat Erlngen-Nürnberg (GERMANY)

- **UNIVERSITY OF THE AEGEAN** - University of the Aegean (GREECE)

- **PEGASO** - Pegaso Online University (ITALY)

- **EAEC** - European Association of Erasmus Coordinators (CYPRUS)

- **IDEC** -Aintek Symvouloi Epicheiriseon Efarmoges Ypsilis Technologias Ekpaidefsi Anonymi Etaireia (GREECE)

In recent years, the education system has undergone a major transformation to adapt to new circumstances, evolving towards online learning. This evolution has been reflected in a considerable growth of MOOCs and online courses offered by different providers on digital platforms.

The learners' follow-up has been addressed in different policy documents, where particular emphasis has been placed on both the monitoring of graduates and the need to improve the availability of qualitative and quantitative information. Above all on what graduates from different education and training environments do after completing their education and training.

Project target groups have been:

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- Graduates from different education and training settings after completing their education and training who undertake MOOC courses, mainly from the project partner countries.

- MOOC course providers and organisations offering open e-learning courses.

With the results obtained in the ASTRE project (www.trackingelearners.eu) is intended to address this lack of data and information on MOOC learners through:

- the development of a MOOC learner tracking tool that feeds into the MOOC provider's quality assurance system.

- Supporting and sensitising MOOC providers on the relevance and usefulness of creating and setting up the tracking of their own learners through the developed methodological guide.

The ASTRE project has developed the following final products available and open for use:

➢ The survey: Monitoring tool developed to measure the impact of MOOCs training on the learner. A document describing what the tool is and how to apply it has been published. This document is available in English, Greek, German, Italian and Spanish.

➢ The Voice of the e-learners: A document containing general recommendations, addressed to MOOC developers and providers. These recommendations have been issued after the analysis of the valuable feedback on learners' experience, opinion and suggestions collected in the pilot test of the tool (The survey), launched by the universities of the consortium.

➢ The methodological guide: A support and guidance guide addressed to organisations that want to implement the developed monitoring tool and integrate it into its management system, as an instrument to identify and select opportunities for improvement with the aim of widening the audience of MOOCs and increasing their relevance and quality.

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