

Augmented Reality Tools for SWINE production Students

Schiavon S¹, Gallo L¹, Giannuzzi D¹, Toscano A¹, Tono V¹, Alvarez-Rodriguez J², Lozano P³, Gasiorowska W⁶, Roslewska A⁶, Carracha Charneca RM³, Caetano P³, Santamaria S⁴, Mateo J⁵, Mainar R², Latorre MA²



University of Padova (Italy)¹; University of Zaragoza (Spain)²; University of Evora (Portugal)³; IMASCONO⁴; i-Porc⁵; European Polska⁶

Aim

To develop a virtual platform connecting the teaching infrastructures of three universities in the field of swine production, using technologies based on augmented reality.

This working environment will create an innovative teaching and learning experience that will make it possible to overcome gaps in infrastructures, biosanitary restrictions and enrich the learning environment through international collaboration and digitisation

Activities

1. Development of a methodological framework, which will be evaluated by the academic community that is part of the consortium (students & professors), as well as by a committee of external experts.
2. Development of a set of digital technologies to virtualise the teaching infrastructure and support the methodological framework, which will be validated by pilot tests in partner centres.



Expected results

The ART-SWINE platform is the main result of the project, which will also contribute to the following results

- 1.-Improving the quality and relevance of practical training in swine production.
- 2.-Adaptation of teaching to the current challenges of biosecurity without sacrificing practical experience.
- 3.-Promoting innovation and new technologies in animal production practices.
- 4.-To create an enriching and diverse learning environment through international collaboration



ART-SWINES

Augmented Reality Tools
for SWINE production Students



Erasmus+
Enriching lives, opening minds.

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them