



Applying GAMing TEchnologies for training professionals in Smart Farming

Fact Sheet

Project Information

GATES

Grant agreement ID: 732358

[Project website](#)

DOI

[10.3030/732358](https://doi.org/10.3030/732358)

Project closed

EC signature date

27 October 2016

Start date

1 January 2017

End date

30 June 2019

Funded under

INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Total cost

€ 1 270 500,00

EU contribution

€ 998 906,25

Coordinated by

GEOPONIKO PANEPISTIMION
ATHINON



Greece

Objective

GATES will develop a serious game-based training platform, in order to train professionals across the agricultural value chain on the use of Smart Farming Technologies (SFT), thus allowing deploying its full economic and environmental potential in European agriculture.

The positive impact on the adoption of Smart Farming Technologies (SFT) in crop farming has been well established for the last 10 years. In fact, many SFT are available at present time, but farmers find it difficult to grasp which are the

technologies that can be used and furthermore, which are the productivity and environmental benefits brought by their adoption. Likewise, SFT companies face barriers in the commercialization of their equipment due to the lack of knowledge and training of the farmer community.

GATES provides the farmer community, agronomical students, extension services and the SFT industry sales force an easy to use and understand gaming experience that will allow a first approach to the concept of SFT, their uses, available equipment and simulation on the adoption of such technologies.

GATES will develop a near-to-market (TRL7) serious game-based training platform that, through the use of a range of gaming technologies (3D scenarios, interactive storytelling, modeling and data), will train professionals and other stakeholders in the value chain in the use of SFT. GATES will develop a cross-platform (Desktop/Mobile/Web) serious gaming available for Android, iOS and Windows featuring online and offline synchronized modes.

GATES will represent a successful example on the use of serious gaming as a training tool, applicable on formal and informal educational settings, on a complex and multidisciplinary subject such as SFT, benefitting from serious gaming capabilities such as virtual environments and worlds, personalized tutorial tools, competition between peers, wide personalization to real life and simulated case scenarios, etc.

Fields of science (EuroSciVoc)

[engineering and technology](#) > [electrical engineering](#), [electronic engineering](#), [information engineering](#) > [information engineering](#) > [telecommunications](#) > [radio technology](#) > **[radar](#)**

[agricultural sciences](#) > [agriculture, forestry, and fisheries](#) > **[agriculture](#)**

[engineering and technology](#) > [electrical engineering](#), [electronic engineering](#), [information engineering](#) > [electronic engineering](#) > **[robotics](#)**

[engineering and technology](#) > [environmental engineering](#) > **[energy and fuels](#)**

[natural sciences](#) > [computer and information sciences](#) > [internet](#) > **[world wide web](#)**



Programme(s)

[H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies \(ICT\)](#) MAIN PROGRAMME

Topic(s)

Call for proposal

[H2020-ICT-2016-2017](#) 

[See other projects for this call](#)

Sub call

H2020-ICT-2016-1

Funding Scheme

[IA - Innovation action](#)

Coordinator



GEOPONIKO PANEPISTIMION ATHINON

Net EU contribution

€ 346 562,50

Total cost

€ 367 562,50

Address

IERA ODOS 75

118 55 ATHINA

 **Greece** 

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Participants (5)



INOSENS DOO NOVI SAD

Serbia

Net EU contribution

€ 187 468,75

Address

SONJE MARINKOVIC 18/1/3

21000 Novi Sad

SME

Yes

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 267 812,50



KUNST-STOFF GMBH

Germany

Net EU contribution

€ 0,00

Address

KOTTBUSSE DAMM 73

10967 BERLIN

SME

Yes

Region

Berlin > Berlin > Berlin

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)

[Participation in EU R&I programmes](#)

Total cost
No data



INICIATIVAS INNOVADORAS SAL

 Spain

Net EU contribution

€ 141 968,75

Address

CALLE ZABALGAINA 3/1 OFICINAS 4 Y 5
31180 Zizur Mayor 

SME 

Yes

Region

Noreste > Comunidad Foral de Navarra > Navarra

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

€ 202 812,50



ASOCIACION NACIONAL DE MAQUINARIA AGROPECUARIA, FORESTAL Y DE ESPACIOS VERDES

 Spain

Net EU contribution

€ 67 625,00

Address

CALLE PRINCIPE DE VERGARA 74
28006 MADRID 

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Other

Links

[Contact the organisation](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 67 625,00



MAD ABOUT PANDAS UG

 Germany

Net EU contribution

€ 255 281,25

Address

AM RUDOLFPLATZ 1

10245 BERLIN 

SME 

Yes

Region

Berlin > Berlin > Berlin

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 364 687,50

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