Demonstration of a scalable and cost-effective cloud-based digital learning infrastructure through the Certification of digital competences in primary and secondary schools

Fact Sheet

Project Information

CRiSS
Grant agreement ID: 732489

DOI
10.3030/732489

Closed project

EC signature date
4 November 2016

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

Total cost
€ 5 951 456,62

EU contribution
€ 4 872 336,25

Coordinated by
EXUS SOFTWARE LTD
United Kingdom

Start date
1 January 2017

End date
31 December 2019

This project is featured in...
Objective

CRISS is a user-driven, flexible, scalable and cost-effective cloud-based digital learning ecosystem that allows the guided acquisition, evaluation and certification of digital competences in primary and secondary education, and easily scalable to other educational levels. CRISS proposes an innovative adaptive learning solution supported by the most advanced pedagogical methodologies and technologies that will be tested with a very large scale pilot with more than 490 schools including 25,400 students and 2,290 teachers across Europe.

CRISS aim to contribute to the modernisation of the educational and training system at different levels:

a) Support schools and educational institutions in the definition and creation of a curricular programming aligned to European and national policies, encouraging the active participation of all teachers and creating an interdisciplinary framework and highly diversified contents, activities and educational experiences for the acquisition and evaluation digital competences of students.

b) Offers teachers and students an adaptive and intelligent environment for personalizing the process of teaching and learning that allows them to easily and dynamically generate and integrate programming a wide variety of new learning experiences and integrate new methodologies, fostering a creative and motivating use of technologies focused on minimizing the distance between digital competences acquired at school and the required in the labour market.

c) Through its learning analytics module CRISS can generate an innovative and unique student ICT Dynamic Profile, showing strengths and weaknesses, achievements, interests, skills acquired, certification and other recognition, on the one hand facilitating the personalization of teaching / learning, and on the other the entry into the labour world.

d) Thanks to its evaluation and certification of digital competences will contribute to the standardization of digital competences at European level.
Fields of science

social sciences  >  educational sciences  >  didactics

social sciences  >  economics and business  >  business and management  >  innovation management

natural sciences  >  biological sciences  >  ecology  >  ecosystems

social sciences  >  economics and business  >  business and management  >  employment

natural sciences  >  computer and information sciences  >  software  >  software applications  >  virtual reality

Keywords

Digital competences  Adaptive learning ecosystem  cloud-based  certification

personalised and adaptives learning  big data  gaming  location based

authoring tools  learning analytics  intelligence

Programme(s)

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

Topic(s)

ICT-22-2016 - Technologies for Learning and Skills

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

EXUS SOFTWARE LTD
Net EU contribution
€ 521 237,50
Address
4 felstead gardens cubitt town
E14 3BS London
United Kingdom
SME
Yes
Region
London > Inner London — East > Tower Hamlets
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 223 387,50

Participants (15)

DOCUMENTA CREACIONES MULTIMEDIA AVANZADAS SL
Spain
Net EU contribution
€ 496 912,49
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Calle betlem num 22
08012 Barcelona
EDUCATION4SIGHT GMBH
Germany
Net EU contribution
€ 480 550,00
Address
Am weichselgarten 7
91058 Erlangen
SME
Yes
Region
Bayern > Mittelfranken > Erlangen, Kreisfreie Stadt
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 205 950,00

THIRD-PARTY
EDUCATION 4 SIGHT SERVICES
Tunisia
Net EU contribution
€ 83 737,50
Address
A32, immeuble le palace bloca, centre urbain nord
1082 Tunis

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 35 887,50

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CS GROUP-FRANCE

France
Net EU contribution
€ 547 487,50

Address
Avenue galilee 22
92350 Le plessis robinson

Region
Ile-de-France > Ile-de-France > Hauts-de-Seine

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

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 234 637,50

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FUNDACIO PER A LA UNIVERSITAT OBERTA DE CATALUNYA

Spain
Net EU contribution
€ 459 875,00

Address
Avenida tibidabo 39
08035 Barcelona

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

Region

**Este > Cataluña > Barcelona**

**Activity type**

**Higher or Secondary Education Establishments**

**Links**

- Contact the organisation
- Website
- Participation in EU R&I programmes
- HORIZON collaboration network

**Other funding**

€ 0,00

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**SVEUCILISTE U ZAGREBU, FAKULTET ORGANIZACIJE I INFORMATIKE**

- **Croatia**

Net EU contribution

€ 248 125,00

**Address**

Pavlinska 2
42000 Varazdin

**Region**

Hrvatska > Sjeverna Hrvatska > Varaždinska županija

**Activity type**

**Higher or Secondary Education Establishments**

**Links**

- Contact the organisation
- Website
- Participation in EU R&I programmes
- HORIZON collaboration network

**Other funding**

€ 0,00

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**HÄLSINGLANDS UTBILDNINGSFÖRBUND**

- **Sweden**

Net EU contribution

€ 206 875,00

**Address**
Stadshuset
821 80 Bollnas

Region
Norra Sverige > Norra Mellansverige > Gävleborgs län

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

PERIFERIAKI DIEFTHINSI PROTOVATHMIAS KAI DEFTEROVATHMIAS EKPAIDEFSIS KRITIS

Address
L knossou 6
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Region
Νησιά Αιγαίου > Κρήτη > Ηράκλειο

Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

COMUNIDAD FORAL DE NAVARRA - GOBIERNO DE NAVARRA
Spain

Net EU contribution
€ 179 250,00

Address
Avenida carlos iii 2
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Region
Noreste > Comunidad Foral de Navarra > Navarra

Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

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Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

ESCOLA PIA DE CATALUNYA

Spain

Net EU contribution
€ 166 250,00

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Ronda sant pau, 80, 1
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Region
Este > Cataluña > Barcelona

Links
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Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00
HRVATSKA AKADEMSKA I ISTRAZIVACKA MREZA CARNET

Croatia
Net EU contribution
€ 200,625,00
Address
Josipa marohnica 5
10000 Zagreb
Region
Hrvatska > Grad Zagreb > Grad Zagreb
Activity type
Research Organisations

Links
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Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00

FONDAZIONE HALLGARTEN-FRANCHETTI CENTRO STUDI VILLA MONTESCA

Italy
Net EU contribution
€ 443,343,75
Address
Villa montesca
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Region
Centro (IT) > Umbria > Perugia
Activity type
Research Organisations

Links
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Other funding
€ 0,00
SOCIEDAD ANDALUZA PARA EL DESARROLLO DE LAS TELECOMUNICACIONES SA

Spain

Net EU contribution
€ 388 022,51

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41940 Tomares

Region
Sur > Andalucía > Sevilla

Activity type
Other

Links
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Other funding
€ 166 295,36

UNIVERSITY COLLEGE LONDON

United Kingdom

Net EU contribution
€ 143 920,00

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Gower street
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Region
London > Inner London — West > Camden and City of London

Activity type
Higher or Secondary Education Establishments

Links
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INSPECTORATUL SCOLAR JUDETEAN ARAD

Romania

Net EU contribution
€ 113 000,00

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Region
Macroregiunea Patru > Vest > Arad

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Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

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European Union, 2024