X5gon: Cross Modal, Cross Cultural, Cross Lingual, Cross Domain, and Cross Site Global OER Network

Fact Sheet

<table>
<thead>
<tr>
<th>Project Information</th>
<th>Funded under</th>
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<tbody>
<tr>
<td>X5gon</td>
<td>INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)</td>
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<tr>
<td>Grant agreement ID: 761758</td>
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<td>DOI</td>
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<td>10.3030/761758</td>
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<td>EC signature date</td>
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<td>14 June 2017</td>
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<td>Total cost</td>
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<tr>
<td>€ 3 120 957,50</td>
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<td>EU contribution</td>
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<td>€ 2 995 145,00</td>
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<td>Coordinated by</td>
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<tr>
<td>UNIVERSITY COLLEGE LONDON</td>
<td>United Kingdom</td>
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<tr>
<td>Start date</td>
<td>End date</td>
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<tr>
<td>1 September 2017</td>
<td>31 December 2020</td>
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Objective

The proposal X5gon stands for easily implemented freely available innovative technology elements converging currently scattered Open Educational Resources (OER) available in various modalities across Europe and the globe. X5gon combines content understanding, user modelling quality assurance methods and tools to boost
a homogenous network of (OER) sites and provides users (teachers, learners) with a common learning experience. X5gon deploys open technologies for recommendation, learning analytics and learning personalisation services that works across various OER sites, independent of languages, modalities, scientific domains, and socio-cultural contexts. It develops services OER media convergence including full courses, course materials, modules, textbooks, videos, tests, software, related events, tools, materials, techniques used to support access to knowledge. Fivefold solutions are offered to OER sites:

- Cross-modal: technologies for multimodal content understanding;
- Cross-site: technologies to transparently accompany and analyse users across sites;
- Cross-domain: technologies for cross domain content analytics;
- Cross-language: technologies for cross lingual content recommendation;
- Cross-cultural: technologies for cross cultural learning personalisation.

X5gon collects and index OER resources, track data of users progress and feed an analytics engine driven by state-of-the-art machine learning, improve recommendations via user understanding and match with knowledge resources of all types.

The project will create three services X5oerfeed, X5analytics and X5recommend and run a series of pilot case studies that enable the measurement of the broader goals of delivering a useful and enjoyable educational experience to learners in different domains, at different levels and from different cultures. Two exploitation scenarios are planned: (i) free use of services for OER, (ii) commercial exploitation of the multimodal, big data, real-time analytics pipeline.

**Fields of science**

- [social sciences](#) ➔ [educational sciences](#) ➔ [didactics](#)
- [natural sciences](#) ➔ [computer and information sciences](#) ➔ [data science](#) ➔ [big data](#)
- [social sciences](#) ➔ [economics and business](#) ➔ [business and management](#) ➔ [business models](#)
- [social sciences](#) ➔ [political sciences](#) ➔ [political policies](#) ➔ [civil society](#)
- [natural sciences](#) ➔ [computer and information sciences](#) ➔ [artificial intelligence](#) ➔ [machine learning](#)

**Programme(s)**

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

**Topic(s)**

2 of 8
ICT-19-2017 - Media and content convergence

Call for proposal

H2020-ICT-2016-2017

See other projects for this call

Sub call

H2020-ICT-2016-2

Funding Scheme

IA - Innovation action

æ

Coordinator

UNIVERSITY COLLEGE LONDON

Net EU contribution

€ 762 207,50

Address

Gower street
WC1E 6BT London

United Kingdom

Region

London > Inner London — West > Camden and City of London

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
Participants (7)

INSTITUT JOZEF STEFAN
Slovenia
Net EU contribution
€ 500 093,75
Address
Jamova 39
1000 Ljubljana
Region
Slovenija > Zahodna Slovenija > Osrednjeslovenska
Activity type
Research Organisations
Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00

KNOWLEDGE 4 ALL FOUNDATION LBG
United Kingdom
Net EU contribution
€ 284 625,00
Address
High street 36 44 surrey house
RH1 1RH Redhill
SME
Yes
Region
South East (England) > Surrey, East and West Sussex > East Surrey
Activity type
Other
UNIVERSITAET OSNABRUECK
Germany
Net EU contribution
€ 126 825,00
Address
Neuer graben/schloss 29
49074 Osnabrueck
Region
Niedersachsen > Weser-Ems > Osnabrück, Kreisfreie Stadt
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00

POSTA SLOVENIJE DOO
Slovenia
Net EU contribution
€ 293 562,50
Address
Slomskov trg 10
2500 Maribor
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

Other funding

€ 125,812,50

Ministrstvo za izobraževanje, znanost in sport

Slovenia

Net EU contribution

€ 209,000,00

Address

Masarykova 16
1000 Ljubljana

Region

Slovenija › Zahodna Slovenija › Osrednjeslovenska

Activity type

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

Links

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

Other funding

€ 0,00

Last update: 26 August 2022

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