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)
Call for proposal

H2020-ICT-2016-2017

See other projects for this call

Sub call

H2020-ICT-2016-2

Funding Scheme

IA - Innovation action

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

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

Other funding

€ 0,00

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UNIVERSITAT POLITECNICA DE VALENCIA

Spain

Net EU contribution

€ 414 500,00

Address

Camino de vera sn edificio 3a
46022 Valencia

Region

Este > Comunitat Valenciana > Valencia/València

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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NANTES UNIVERSITE

France

Net EU contribution

€ 404 331,25

Address

1 quai de tourville
44000 Nantes

Region

Pays de la Loire > Pays de la Loire > Loire-Atlantique

Activity type

Higher or Secondary Education Establishments
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

POSTA SLOVENIJE DOO

Slovenia

Net EU contribution

€ 293 562,50

Address

Slomskov trg 10
2500 Maribor

Region

Slovenija > Vzhodna Slovenija > Podravska
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 izobrazevanje, 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

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