

HORIZON
2020

Khresmoi Multilingual Medical Text Analysis, Search and Machine Translation Connected in a Thriving Data-Value Chain

Fact Sheet

Project Information

KConnect

Grant agreement ID: 644753



DOI

[10.3030/644753](https://doi.org/10.3030/644753) 

Project closed

EC signature date

12 December 2014

Start date

1 February 2015

End date

31 July 2017

Funded under

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

Total cost


€ 3 889 842,50

EU contribution

€ 3 083 083,00

Coordinated by

TECHNISCHE UNIVERSITÄT
WIEN

 Austria

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Objective

The overall objective of the KConnect project is to create a medical text Data-Value Chain with a critical mass of participating companies using cutting-edge commercial cloud-based services for multilingual Semantic Annotation, Semantic Search and Machine Translation of Electronic Health Records and medical publications. The commercial cloud-based services will be the result of productisation of the multilingual medical text processing tools developed in the Khresmoi FP7 project, allowing wide adoption of these tools by industry. The critical mass will be created by the KConnect Professional Services Community, which will consist of at least 30 companies by the end of the project. These companies will be trained to build solutions based on the KConnect Services, hence serving as multipliers for commercial exploitation of the KConnect services.

The KConnect project will facilitate the straightforward adaptation of the commercialised services to new languages by providing toolkits enabling the adaptation to be done by people having a software engineering skillset, as opposed to the rarer language engineering skillset. The KConnect services will also be adapted to handle text in Electronic Health Records, which is particularly challenging due to misspellings, neologisms, organisation-specific acronyms, and heavy use of negation and hedging.

The consortium is driven by a core group of four innovative SMEs following complementary business perspectives related to medical text analysis and search. These companies will build solutions for their customers based on KConnect technology. Two partners from the medical domain will use KConnect services to solve their medical record analysis challenges. Two highly-used medical search portal providers will implement the KConnect services to innovate the services offered by their search portals. Through these search portals, the KConnect technologies will be used by over 1 million European citizens before the end of the project

Fields of science

[natural sciences](#) > [computer and information sciences](#) > **software**

[social sciences](#) > [economics and business](#) > [business and management](#) > **business models**

[natural sciences](#) > [computer and information sciences](#) > [data science](#) > **business intelligence**

Programme(s)

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

[H2020-EU.2.1.1.4. - Content technologies and information management: ICT for digital content, cultural and creative industries](#)

Topic(s)

[ICT-15-2014 - Big data and Open Data Innovation and take-up](#)

Call for proposal

[H2020-ICT-2014](#)

[See other projects for this call](#)

Sub call

H2020-ICT-2014-1

Funding Scheme

[IA - Innovation action](#)

Coordinator



TECHNISCHE UNIVERSITAET WIEN

Net EU contribution

€ 677 540,00

Address

KARLSPLATZ 13

1040 Wien

 Austria 

Region

Ostösterreich > Wien > Wien

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 677 540,00

Participants (9)



FINDWISE AB

 Sweden

Net EU contribution

€ 445 543,00

Address

ULLEVIGATAN 19

411 40 GÖTEBORG 

SME 

Yes

Region

Södra Sverige > Västsverige > Västra Götalands län

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

€ 636 490,00



PRECOGNOX INFORMATIKAI KFT

 Hungary

Net EU contribution

€ 153 562,50

Address

FO UTCA 65

7400 KAPOSVAR 

SME 

Yes

Region

Dunántúl > Dél-Dunántúl > Somogy

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

€ 219 375,00



ONTOTEXT AD

 Bulgaria

Net EU contribution

€ 219 056,25

Address

TSARIGRADSKO SHOSE 135

1784 Sofia 

SME 

Yes

Region

Югозападна и Южна централна България > Югозападен > София (столица)

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

€ 312 937,50



TRIPDATABASE LTD

 United Kingdom

Net EU contribution

€ 109 068,75

Address

LITTLE MARISTOWE GLASLLWCH LANE

NP20 3PS NEWPORT 

SME 

Yes

Region

Wales > East Wales > Monmouthshire and Newport

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

€ 155 812,50



HEALTH ON THE NET FONDATION

 Switzerland

Net EU contribution

€ 0,00

Address

bd de la Cluse 81

1205 GENEVE 

Region

Schweiz/Suisse/Svizzera > Région lémanique > Genève

Activity type

Research Organisations

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 409 375,00



KING'S COLLEGE LONDON

 United Kingdom

Net EU contribution

€ 320 625,00

Address

STRAND

WC2R 2LS London 

Region

London > Inner London — West > Westminster

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 320 625,00



JONKOPINGS LAN

 Sweden

Net EU contribution

€ 453 125,00

Address

HUSARGATAN 4
S-55111 JONKOPING 

Region

Södra Sverige > Småland med öarna > Jönköpings län

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](#) 

Total cost

€ 453 125,00



THE UNIVERSITY OF SHEFFIELD

 United Kingdom

Net EU contribution

€ 409 750,00

Address

FIRTH COURT WESTERN BANK

S10 2TN Sheffield 

Region

Yorkshire and the Humber > South Yorkshire > Sheffield

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 409 750,00



UNIVERZITA KARLOVA

 Czechia

Net EU contribution

€ 294 812,50

Address

OVOCNY TRH 560/5

116 36 Praha 1 

Region

Česko > Praha > Hlavní město Praha

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 294 812,50

Last update: 9 August 2022

Permalink: <https://cordis.europa.eu/project/id/644753>

European Union, 2024