Breeding European Legumes for Increased Sustainability

Fact Sheet

Objective

The aim of BELIS is (i) to increase the competitiveness of the EU and Associated Countries legume breeding industry by improving the methodologies and the governance structures of the breeding sector; (ii) to design conditions that allow an efficient delivery of the achieved genetic progress to the breeders and seed industry, and to the other actors (registration offices, extension services, feed and food industry, farmers). The project will focus on seven forage crops and seven grain crops that are currently grown to produce feed (for ruminants – cattle, sheep, goat and
monogastric animals – pig, poultry), food (as is or after processing) or to deliver ecosystem services. BELIS has three main objectives: (1) To develop tools and methodologies for cost-effective breeding programmes and deliver proofs of concept, with and for breeders, (2) To facilitate the economic and regulatory environment: variety registration, variety recommendation and business models, (3) To implement an efficient, ambitious and durable transfer of innovation through the BELIS platform that includes a network of breeders and actors from scientific research, extension services and seed, food and feed industries, as well as a training portfolio. By enabling the creation of improved varieties in many species, adapted to different areas and uses in Europe, this project is relevant for the destinations towards “Biodiversity and Ecosystem Services”, mainly contributing to “Access to a wider range of crops and breeds with a broadened genetic base is improved in line with global biodiversity commitments”. It also supports the “Practices in agriculture and forestry support biodiversity and the provision of other ecosystems services”. In addition, BELIS will have a positive input on natural biodiversity, reduction of air and water pollutions and farming system sustainability.

Fields of science

agricultural sciences > agriculture, forestry, and fisheries > agriculture > industrial crops > fodder
natural sciences > biological sciences > ecology > ecosystems
agricultural sciences > animal and dairy science > domestic animals > animal husbandry
agricultural sciences > agriculture, forestry, and fisheries > agriculture > grains and oilseeds > legumes
agricultural sciences > agriculture, forestry, and fisheries > forestry

Keywords

Legume phenotype genotype molecular breeding variety registration
variety recommendation business model governance training platform
network forage food grain yield pest quality drought

Programme(s)

HORIZON.2.6 - Food, Bioeconomy Natural Resources, Agriculture and Environment
HORIZON.2.6.3 - Agriculture, Forestry and Rural Areas
Topic(s)

HORIZON-CL6-2022-BIODIV-02-02-two-stage - Boosting breeding for a sustainable, resilient and competitive European legume sector

Call for proposal

HORIZON-CL6-2022-BIODIV-02-02-two-stage

See other projects for this call

Funding Scheme

HORIZON-IA - HORIZON Innovation Actions

Coordinator

INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT

Net EU contribution

€ 1 573 386,25

Address

147 rue de l'universite
75007 Paris
France

Region

Île-de-France > Île-de-France > Paris

Links

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

Other funding

€ 0,00

Participants (30)
EIGEN VERMOGEN VAN HET INSTITUUT VOOR LANDBOUW- EN VISSERIJONDERZOEK

Belgium

Net EU contribution

€ 257 625,00

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Burg. van gansberghelaan 92 bus 1
9820 Merelbeke

Region

Vlaams Gewest > Prov. Oost-Vlaanderen > Arr. Gent

Links

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

Other funding

€ 0,00

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CONSIGLIO PER LA RICERCA IN AGRICOLTURA E L'ANALISI DELL'ECONOMIA AGRARIA

Italy

Net EU contribution

€ 429 107,50

Address

Via della navicella 2-4
00184 Roma

Region

Centro (IT) > Lazio > Roma

Activity type

Research Organisations

Links

Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS
Spain
Net EU contribution
€ 489 991,25
Address
Calle serrano 117
28006 Madrid
Region
Comunidad de Madrid > Comunidad de Madrid > Madrid
Links
Contact the organisation  
Website  
Participation in EU R&I programmes  
HORIZON collaboration network
Other funding
€ 0,00

TSENTRAR PO RASTITELNA SISTEMNA BIOLOGIYA I BIOTEHNOGIYA
Bulgaria
Net EU contribution
€ 190 465,00
Address
Ruski blvd 139
Plovdiv
Region
Югозападна и Южна централна България > Южен централен > Пловдив
Links
Contact the organisation  
Participation in EU R&I programmes  
HORIZON collaboration network
**INSTITUTO ANDALUZ DE INVESTIGACIONY FORMACION AGRARIA PESQUERA ALIMENTARIA Y DE LA PRODUCCION ECOLOGICA**

*Spain*

**Net EU contribution**

€ 235,687,50

**Address**

Avenida grecia s/n edf atvo los bermejales

41012 Sevilla

**Region**

Sur > Andalucía > Sevilla

**Links**

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

Other funding

€ 0,00

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**FACHHOCHSCHULE SUEDWESTFALEN**

*Germany*

**Net EU contribution**

€ 298,250,00

**Address**

Baarstrasse 6

58636 Iserlohn

**Region**

Nordrhein-Westfalen > Arnsberg > Märkischer Kreis

**Links**

- Contact the organisation
- Participation in EU R&I programmes
- HORIZON collaboration network
INTERNATIONAL CENTRE FOR AGRICULTURAL RESEARCH IN THE DRY AREAS

Lebanon

Net EU contribution

€ 286 125,00

Address

Bechir al kassar dalia building 2nd floor area verdun
Beirut

Links

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

GROUPE D’ETUDE ET DE CONTROLE DES VARIETES ET DES SEMENCES

France

Net EU contribution

€ 345 558,75

Address

Rue georges morel
49071 Beaucouze

Region

Pays de la Loire > Pays de la Loire > Maine-et-Loire

Activity type

Research Organisations

Links

Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network
Mediterranean Agronomic Institute of Zaragoza / International Centre for Advanced Mediterranean Agronomic Studies

Spain

Net EU contribution

€ 319 312,50

Address

Avda. montañana 1005
50059 Zaragoza

Region

Noreste > Aragón > Zaragoza

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

TERRES INOVIA

France

Net EU contribution

€ 233 052,50

Address

11 rue du monceau
75008 Paris

SME

Yes

Region

Ile-de-France > Ile-de-France > Paris
STICHTING LOUIS BOLK INSTITUUT
Netherlands
Net EU contribution
€ 36,600,00
Address
Kosterijland 3
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SME
Yes
Region
West-Nederland > Utrecht > Utrecht
Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00

CERIENCE
France
Net EU contribution
€ 108,990,00
Address
Route de la menitre beaufort en val
49250 Beaufort en anjou
Region
Pays de la Loire > Pays de la Loire > Maine-et-Loire
DEUTSCHE SAATVEREDELUNG AG

Germany

Net EU contribution

€ 95 638,36

Address

Weissenburger str 5
59557 Lippstadt

Region

Nordrhein-Westfalen > Arnsberg > Soest

Links

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

Other funding

€ 41 914,14

BARENBRUG FRANCE

France

Net EU contribution

€ 62 037,50

Address

14 avenue de l'europe
77144 Montevrain

Region

Ile-de-France > Ile-de-France > Seine-et-Marne

Links

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

Other funding
€ 26,587.50

SOCIETE RAGT 2N SAS
France
Net EU contribution
€ 173,987.50

Address
Rue emile singla site de bourran
12033 Rodez

Region
Occitanie > Midi-Pyrénées > Aveyron

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

Other funding
€ 142,637.50

DLF SEEDS AS
Denmark
Net EU contribution
€ 94,570.00

Address
Ny ostergade 9
4000 Roskilde

Region
Danmark > Sjælland > Østsjælland

Links
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HORIZON collaboration network
AARHUS UNIVERSITET

Denmark

Net EU contribution

€ 329 647,50

Address

Nordre ringgade 1
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Region

Danmark > Midtjylland > Østjylland

Links

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

NORGES MILJO-OG BIOVITENSKAPLIGE UNIVERSITET

Norway

Net EU contribution

€ 137 823,75

Address

Universitetstunet 3
1433 As

Region

Norge > Oslo og Viken > Viken

Links

Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
INSTITUT ZA KRMNO BILJE KRUSEVAC

Serbia

Net EU contribution € 147 875,00

Address Globoder 37251 Krusevac

Region Србија - југ > Регион Шумадије и Западне Србије > Расинска област

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

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AGROVEGETAL SA

Spain

Net EU contribution € 70 000,00

Address Demetrio de los rios 15 41003 Sevilla

SME Yes

Region Sur > Andalucía > Sevilla
LIETUVOS AGRARINIU IR MISKU MOKSLU CENTRAS

Lithuania

Net EU contribution

€ 92 372,50

Address

Instituto al 1 akademija
LT-58344 Kedainiu r

Region

Lietuva > Vidurio ir vakarų Lietuvos regionas > Kauno apskritis

Activity type

Research Organisations

Links

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

Other funding

€ 0,00

AGRI OBTENTIONS

France

Net EU contribution

€ 70 638,75

Address

Chemin de la petite miniere
78280 Guyancourt

Region

Ile-de-France > Ile-de-France > Yvelines
SVEUCILISTE U ZAGREBU AGRONOMSKI FAKULTET

Croatia

Net EU contribution

€ 70 087,50

Address

Svetosimunska cesta 25
10000 Zagreb

Region

Hrvatska > Grad Zagreb > Grad Zagreb

Links

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

Other funding

€ 0,00

UNIVERSIDADE NOVA DE LISBOA

Portugal

Net EU contribution

€ 187 450,00

Address

Campus de campolide
1099 085 Lisboa

Region

Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type

Higher or Secondary Education Establishments
INSTITUT ZA RATARSTVO I POVRTARSTVO INSTITUT OD NACIONALNOG ZNACAJA ZA REPUBLIKU SRBIJU

Serbia

Net EU contribution

€ 207,875,00

Address

Maksima gorkog 30
21000 Novi sad

Region

Србија - север > Регион Војводине > Јужнобачка област

Activity type

Research Organisations

Other funding

€ 0,00

INSTYTUT GENETYKI ROSLIN POLSKIEJ AKADEMI NAUK

Poland

Net EU contribution

€ 62,375,00

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Ul strzeszynska 34
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Region
AGRITEC PLANT RESEARCH S.R.O.

Czechia

Net EU contribution

€ 128 868,75

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Zemedelska 2520/16
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Region

Česko > Střední Morava > Olomoucký kraj

Other funding

€ 0,00

SICASOV

France

Net EU contribution

€ 11 250,00

Address

7 rue coq heron
75001 Paris

Region

Île-de-France > Île-de-France > Paris

Other funding

€ 0,00
UNIVERSITA POLITECNICA DELLE MARCHE

Italy

Net EU contribution
€ 188 000,00

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Piazza roma 22
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Centro (IT) > Marche > Ancona

Links
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Other funding
€ 0,00

KWS LOCHOW GMBH

Germany

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€ 143 266,38

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Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 61 399,87

Partners (3)

EIDGENOESSISCHES DEPARTEMENT FUER WIRTSCHAFT, BILDUNG UND FORSCHUNG
Switzerland
Net EU contribution
€ 0,00
Address
Bundeshaus ost
3003 Bern
Region
Schweiz/Suisse/Svizzera > Espace Mittelland > Bern / Berne
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

EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH
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PROCESSORS & GROWERS RESEARCH ORGANISATION LBG

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Great north road thornhaugh PE8 6HJ Peterborough

**Region**
East of England > East Anglia > Peterborough

**Net EU contribution**
€ 0,00

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