Objective

The Infrastructure for Systems Biology in Europe (ISBE) programme comprises an infrastructure that is designed to meet the needs of European systems biology, in terms of development, applications and training. In order to address this requirement, we are proposing a distributed, interconnected infrastructure which primarily comprises three types of centres: Data Integration Centres (DICs), and systems biology dedicated Data Generation Centres (DGCs), and Data Stewardship Centres (DSCs). DICs are research centres that apply and develop expertise in model-driven data integration and make this expertise available to the community. DGCs are technology-based centres that make available a wide range of high, medium and low...
throughput technologies that are essential for the acquisition of quantitative datasets under standardised conditions. DSCs are centres that are responsible for data processing, curation and analysis – they store data, models and simulations. Each type of centre will be functionally different, but organisationally similar. Within participating universities and other organisations across Europe there will be foci of expertise and facilities which fit the requirements for a DIC, DGC or DSC. Such foci will be evaluated and then designated as local centres of a particular type. Each focus will then form a component of a particular type of DIC, DGC or DSC centre. ISBE centres may be single institutions or can be distributed. Large institutions, such as leading universities, may well contribute facilities and expertise across different types of centres. A particular distributed centre may focus on an area of Systems Biology; for example, a model organism, a disease, or, alternatively an area such as biotechnology, ecology or green biology. Importantly, the ISBE will include technological expertise; for example, stochastic computation, algorithmic modelling, multi-scale modelling integration of diverse high-and low-throughput datasets.

**Fields of science**

natural sciences > biological sciences > ecology  
natural sciences > computer and information sciences > data science > data processing

**Programme(s)**

FP7-INFRASTRUCTURES - Specific Programme "Capacities": Research infrastructures

**Topic(s)**

INFRA-2012-2.2.4. - ISBE - Infrastructure for Systems Biology-Europe

**Call for proposal**

FP7-INFRASTRUCTURES-2012-1-RTD  
See other projects for this call

**Funding Scheme**

CP-CSA-Infra - Combination of CP and CSA
Coordinator

IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

Address
South kensington campus exhibition road
SW7 2AZ London

Region
London > Inner London — West > Westminster

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Shaun Power (Mr.)

Links
Contact the organisation  
Website  

EU contribution
No data

Participants (22)

BIOTECHNOLOGY AND BIOLOGICAL SCIENCES RESEARCH COUNCIL

United Kingdom

EU contribution
€ 297 434,00

Address
North star avenue polaris house
SN2 1UH Swindon

Activity type
Research Organisations

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THE UNIVERSITY OF MANCHESTER
United Kingdom
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€ 204 505,00
Address
Oxford road
M13 9PL Manchester
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North West (England) > Greater Manchester > Manchester
Activity type
Higher or Secondary Education Establishments
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Other funding
No data

UNIVERSITEIT VAN AMSTERDAM
Netherlands
EU contribution
€ 225 042,00
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Spui 21
1012WX Amsterdam
Region
West-Nederland > Noord-Holland > Groot-Amsterdam
Activity type
Higher or Secondary Education Establishments
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IDRYMA IATROVIOLOGIKON EREUNON AKADEMIAS ATHINON

Greece
EU contribution
€ 219 516,00

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Region
Αττική > Κεντρικός Τομέας Αθηνών

Activity type
Research Organisations

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Dimitrios Raptis (Mr.)

UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN

Ireland
EU contribution
€ 217 742,00

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Belfield
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Region
Ireland > Eastern and Midland > Dublin
Higher or Secondary Education Establishments

Contact the organisation  Website

No data
Yliopistonmaki
20014 Turku

Region
Manner-Suomi > Etelä-Suomi > Varsinais-Suomi

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Mari Riipinen (Dr.)

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Other funding
No data

DEUTSCHES KREBSFORSCHUNGSZENTRUM HEIDELBERG

Germany

EU contribution
€ 187 563,00

Address
Im neuenheimer feld 280
69120 Heidelberg

Region
Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis

Activity type
Research Organisations

Administrative Contact
Ina Krischek (Dr.)

Links
Contact the organisation  Website

Other funding
No data

RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG

Germany
<table>
<thead>
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<th>Country</th>
<th>EU contribution</th>
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<th>Activity type</th>
<th>Administrative Contact</th>
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<td>Norges Miljø og Biovitenskaplege Universitet</td>
<td>€ 190 711,00</td>
<td>Universitetstunet 3</td>
<td>Norge &gt; Oslo og Viken &gt; Viken</td>
<td>Higher or Secondary Education Establishments</td>
<td>Stig W. Omholt (Prof.)</td>
<td>Contact the organisation, Website</td>
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<td>EU contribution</td>
<td>€ 175 373,00</td>
<td>Seminarstrasse 2 69117 Heidelberg</td>
<td>Baden-Württemberg &gt; Karlsruhe &gt; Heidelberg, Stadtkreis</td>
<td>Higher or Secondary Education Establishments</td>
<td>Angela Oberthür (Dr.)</td>
<td>Contact the organisation, Website</td>
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</tbody>
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CENTRUM VYZKUMU GLOBALNI ZMENY AV CR VVI

Czechia
EU contribution
€ 142 799,00

Address
Belidla 986/4a
603 00 Brno

Region
Česko > Jihovýchod > Jihomoravský kraj

Activity type
Research Organisations

Administrative Contact
Rüdiger Ettrich (Dr.)

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Website

Other funding
No data

FUNDACIO CENTRE DE REGULACIO GENOMICA

Spain
EU contribution
€ 147 659,00

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Carrer doctor aiguader 88
08003 Barcelona

Region
Este > Cataluña > Barcelona

Activity type
Research Organisations

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Website
NACIONALNI INSTITUT ZA BIOLOGIJO

Slovenia
EU contribution
€ 91 111,00

Address
Vecna pot 121
1000 Ljubljana

Region
Slovenija > Zahodna Slovenija > Osrednjeslovenska

Activity type
Research Organisations

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Other funding
No data

UNIVERZA V LJUBLJANI

Slovenia
EU contribution
€ 114 276,00

Address
Kongresni trg 12
1000 Ljubljana

Region
Slovenija > Zahodna Slovenija > Osrednjeslovenska

Activity type
Higher or Secondary Education Establishments

Administrative Contact
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Other funding

No data

EUROPEAN MOLECULAR BIOLOGY LABORATORY

Germany

EU contribution

€ 226 122,00

Address

Meyerhofstrasse 1
69117 Heidelberg

Region

Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis

Activity type

Research Organisations

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Other funding

No data

GOETEBORGS UNIVERSITET

Sweden

EU contribution

€ 54 612,00

Address

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405 30 Goeteborg

Region

Södra Sverige > Västsverige > Västra Götalands län
Higher or Secondary Education Establishments

Administrative Contact
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No data

WAGENINGEN UNIVERSITY
Netherlands

EU contribution
€ 471 586.45

Address
Droevendaalsesteeg 4
6708 PB Wageningen 🌐

Region
Oost-Nederland > Gelderland > Veluwe

Activity type
Higher or Secondary Education Establishments

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Tom Bessems (Mr.)

Links
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No data

HITS GGMBH
Germany

EU contribution
€ 83 271.68

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Schloss wolfsbrunnenweg 35
69118 Heidelberg

Region
Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis

Activity type
Research Organisations

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Wolfgang Müller (Dr.)

Links
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Other funding
No data

STICHTING VU

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De boelelaan 1105
1081 HV Amsterdam

Region
West-Nederland > Noord-Holland > Groot-Amsterdam

Activity type
Higher or Secondary Education Establishments

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Yvonne Kops (Dr.)

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Other funding
No data

CHALMERS TEKNISKA HOGSKOLA AB

Address

EU contribution
€ 28 266,00

Address
412 96 Goteborg

Region
Södra Sverige > Västsverige > Västra Götalands län

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Karin Ryrberg (Ms.)

Links
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Other funding
No data

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NEDERLANDSE ORGANISATIE VOOR WETENSCHAPPELIJK ONDERZOEK

EU contribution
€ 114 597,00

Address
Laan van nieuw oost indie 300
2593 CE Den haag

Region
West-Nederland > Zuid-Holland > Agglomeratie ’s-Gravenhage

Activity type
Research Organisations

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Other funding
No data
Ministrstvo za izobraževanje, znanost in sport

Slovenia

EU contribution

€ 7 490,00

Address

Masarykova 16
1000 Ljubljana

Region

Slovenija > Zahodna Slovenija > Osrednjeslovenska

Activity type

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

Administrative Contact

Marta šabec (Ms.)

Links

Contact the organisation
Website

Other funding

No data

Last update: 2 August 2019

Permalink: https://cordis.europa.eu/project/id/312455

European Union, 2024