

## Horizon 2020

### Call: H2020-MSCA-ITN-2017

(Marie Skłodowska-Curie Innovative Training Networks)

### Topic: MSCA-ITN-2017

**Type of action: MSCA-ITN-ETN**  
(European Training Networks)

**Proposal number: 764984**

**Proposal acronym: CODA**

Deadline Id: H2020-MSCA-ITN-2017

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#### How to fill in the forms?

The administrative forms must be filled in for each proposal using the templates available in the submission system. Some data fields in the administrative forms are pre-filled based on the previous steps in the submission wizard.

Proposal ID **764984**

Acronym **CODA**

## 1 - General information

Topic MSCA-ITN-2017

Call Identifier H2020-MSCA-ITN-2017

Type of Action MSCA-ITN-ETN

Deadline Id H2020-MSCA-ITN-2017

Acronym CODA

Proposal title Coupled Data assimilation for climate prediction and climate change attribution

*Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &*

Duration in months 48

Panel ENV

Please select up to 5 descriptors (and at least 3) that best characterise the subject of your proposal, in descending order of relevance. Note that descriptors will be used to support REA services in identifying the best qualified evaluators for your proposal.

Descriptor 1 *Climatology and climate change*

Add

Descriptor 2 *Application of mathematics in sciences*

Add

Remove

Descriptor 3 *Meteorology, atmospheric physics and dynamics*

Add

Remove

Descriptor 4 *Oceanography*

Add

Remove

Descriptor 5 *Scientific computing and data processing*

Add

Remove

Free keywords *Climate Dynamics; Data Assimilation*

### Abstract

*Environmental modeling is experiencing major improvements due to the better understanding of natural processes and to increasing computational resources. Earth System Models (ESMs) couple atmosphere, oceans, land surface and cryosphere components, and have become central in environmental prediction over time scales from a few days to decades. The Earth is also observed over a wide range of spatial and temporal scales, with a variety of observation platforms, including satellites. Thus, there is now a unique opportunity to combine ESMs with new generation of observations, and the techniques of Data Assimilation (DA) are the natural framework to do this. Their use with ESM is currently the focus of intense research toward coupled DA (CDA) methods able to process all data and propagate the information consistently across model subcomponents. Along this line, CODA's scientific goal is to study unified CDA strategies to initialize weather-to-decadal forecast. The impacts will include the improvement of climate prediction, a robust observation-based identification and understanding of climate variability mechanisms, and a better estimate of the external forcing causing climate change. CODA relies on a team of experts in geoscience and applied mathematics with the mission of training young climate scientists. The network comprises 11 PhDs in 6 countries with 9 Academic Beneficiaries and 4 Industrial Partners, in an*



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*original program that includes broad international mobility, schools, workshops as well as training in dissemination, scientific writing and entrepreneurship. CODA is a powerful interdisciplinary initiative designed to train a much-needed new generation of PhDs with both a robust basis in mathematics and a physical understanding of the climate system. The project will contribute to increasing the awareness and popularity of new DA methodologies by a wider scientific community and will help maintain the EU at the forefront of climate science.*

Remaining characters

19

Has this proposal (or a very similar one) been submitted to a H2020-MSCA-ITN call?

☒ Yes ☐ No

Please give the proposal reference or contract number.

721963

Proposal ID **764984**

Acronym **CODA**

## Declarations

1) The coordinator declares to have the explicit consent of all applicants on their participation and on the content of this proposal.	<input checked="" type="checkbox"/>
2) The information contained in this proposal is correct and complete.	<input checked="" type="checkbox"/>
3) This proposal complies with ethical principles (including the highest standards of research integrity — as set out, for instance, in the <a href="#">European Code of Conduct for Research Integrity</a> — and including, in particular, avoiding fabrication, falsification, plagiarism or other research misconduct).	<input checked="" type="checkbox"/>
4) The coordinator confirms:	
- to have carried out the self-check of the financial capacity of the organisation on <a href="http://ec.europa.eu/research/participants/portal/desktop/en/organisations/lfv.html">http://ec.europa.eu/research/participants/portal/desktop/en/organisations/lfv.html</a> or to be covered by a financial viability check in an EU project for the last closed financial year. Where the result was “weak” or “insufficient”, the coordinator confirms being aware of the measures that may be imposed in accordance with the H2020 Grants Manual (Chapter on Financial capacity check); or	<input checked="" type="radio"/>
- is exempt from the financial capacity check being a public body including international organisations, higher or secondary education establishment or a legal entity, whose viability is guaranteed by a Member State or associated country, as defined in the H2020 Grants Manual (Chapter on Financial capacity check); or	<input type="radio"/>
- as sole participant in the proposal is exempt from the financial capacity check.	<input type="radio"/>
5) The coordinator hereby declares that each applicant has confirmed:	
- they are fully eligible in accordance with the criteria set out in the specific call for proposals; and	<input checked="" type="checkbox"/>
- they have the financial and operational capacity to carry out the proposed action.	<input checked="" type="checkbox"/>
The coordinator is only responsible for the correctness of the information relating to his/her own organisation. Each applicant remains responsible for the correctness of the information related to him/her and declared above. Where the proposal to be retained for EU funding, the coordinator and each beneficiary applicant will be required to present a formal declaration in this respect.	

According to Article 131 of the Financial Regulation of 25 October 2012 on the financial rules applicable to the general budget of the Union (Official Journal L 298 of 26.10.2012, p. 1) and Article 145 of its Rules of Application (Official Journal L 362, 31.12.2012, p.1) applicants found guilty of misrepresentation may be subject to administrative and financial penalties under certain conditions.

### Personal data protection

The assessment of your grant application will involve the collection and processing of personal data (such as your name, address and CV), which will be performed pursuant to Regulation (EC) No 45/2001 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data. Unless indicated otherwise, your replies to the questions in this form and any personal data requested are required to assess your grant application in accordance with the specifications of the call for proposals and will be processed solely for that purpose. Details concerning the purposes and means of the processing of your personal data as well as information on how to exercise your rights are available in the [privacy statement](#). Applicants may lodge a complaint about the processing of their personal data with the European Data Protection Supervisor at any time.

Your personal data may be registered in the Early Detection and Exclusion system of the European Commission (EDES), the new system established by the Commission to reinforce the protection of the Union's financial interests and to ensure sound financial management, in accordance with the provisions of articles 105a and 108 of the revised EU Financial Regulation (FR) (Regulation (EU, EURATOM) 2015/1929 of the European Parliament and of the Council of 28 October 2015 amending Regulation (EU, EURATOM) No 966/2012) and articles 143 - 144 of the corresponding Rules of Application (RAP) (COMMISSION DELEGATED REGULATION (EU) 2015/2462 of 30 October 2015 amending Delegated Regulation (EU) No 1268/2012) for more information see the [Privacy statement for the EDES Database](#).

Proposal ID **764984**

Acronym **CODA**

## List of participants

#	Participant Legal Name	Country
1	STIFTELSEN NANSEN SENTER FOR MILJOOG FJERNMALING	Norway
2	INSTITUT ROYAL METEOROLOGIQUE DE BELGIQUE	Belgium
3	ECOLE NATIONALE DES PONTS ET CHAUSSEES	France
4	INSTITUT NATIONAL DE RECHERCHE ENINFORMATIQUE ET AUTOMATIQUE	France
5	THE UNIVERSITY OF READING	United Kingdom
6	CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS (CONICET)	Argentina
7	UNIVERSITETET I BERGEN	Norway
8	BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION	Spain
9	CENTRE EUROPEEN DE RECHERCHE ET DE FORMATION AVANCEE EN CALCUL SCIENTIFIQUE	France

## Information on partner organisations

Partner Organisation number	PIC <a href="#">Search PIC</a>	Organisation legal name	Country	Academic Sector	Role of associated		
					Provide training	Host secondments	
1	999939827	STATOIL ASA	Norway	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	
2	999926829	ELECTRICITE DE FRANCE S.A.	France	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	
3	933597065	BKK Produksjon	Norway	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	
4	998175882	ACA	Spain	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	

Proposal ID **764984**

Acronym **CODA**

Short name **NERSC**

## 2 - Administrative data of participating organisations

### Coordinator

<b>PIC</b>	<b>Legal name</b>
999477913	STIFTELSEN NANSEN SENTER FOR MILJOOG FJERNMALING

*Short name: NERSC*

#### *Address of the organisation*

Street THORMOHLLENSGATE 47

Town BERGEN

Postcode 5006

Country Norway

Webpage www.nersc.no

#### *Legal Status of your organisation*

##### Research and Innovation legal statuses

Public body .....no  
Non-profit .....yes  
International organisation .....no  
International organisation of European interest .....no  
Secondary or Higher education establishment .....no  
Research organisation .....yes

Legal person .....yes  
Academic Sector .....yes

##### Enterprise Data

SME self-declared status .....2007 - yes  
SME self-assessment ..... unknown  
SME validation sme.....2007 - no

**Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.**

Nace code - Not applicable



Proposal ID **764984**

Acronym **CODA**

Short name **NERSC**

### Department(s) carrying out the proposed work

#### Department 1

Department name

Mohn-Sverdrup Center

☐ not applicable

☒ Same as organisation address

Street

THORMOHLENGATE 47

Town

BERGEN

Postcode

5006

Country

Norway

### Dependencies with other proposal participants

Character of dependence	Participant	
-------------------------	-------------	--

Proposal ID **764984**

Acronym **CODA**

Short name **NERSC**

### Person in charge of the proposal

Title

Dr.

Sex



Male



Female

First name **Alberto**

Last name **CARRASSI**

E-Mail **alberto.carrassi@nersc.no**

Position in org.

Senior Researcher

Department

STIFTELSEN NANSEN SENTER FOR MILJOOG FJERNMALING



Same as organisation



Same as organisation address

Street

THORMOHLENSGATE 47

Town

BERGEN

Post code

5006

Country

Norway

Website

www.nersc.no

Phone

+4746747817

Phone 2

+XXX XXXXXXXXX

Fax

+XXX XXXXXXXXX

### Other contact persons

First Name	Last Name	E-mail	Phone
Laurent	Bertino	laurent.bertino@nersc.no	
Knut	Holba	knut.holba@nersc.no	



Proposal ID **764984**

Acronym **CODA**

Short name **IRM/ KMI**

## Participant

PIC	Legal name
996699154	INSTITUT ROYAL METEOROLOGIQUE DE BELGIQUE

*Short name: IRM/ KMI*

*Address of the organisation*

Street AVENUE CIRCULAIRE 3

Town BRUXELLES

Postcode 1180

Country Belgium

Webpage www.meteo.be

*Legal Status of your organisation*

### Research and Innovation legal statuses

Public body .....yes

Legal person .....yes

Non-profit .....yes

Academic Sector .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....yes

### Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

**Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.**

Nace code L - Public administration & defence

Proposal ID **764984**

Acronym **CODA**

Short name **IRM/ KMI**

### Department(s) carrying out the proposed work

#### Department 1

Department name

☐ not applicable

☒ Same as organisation address

Street

Town

Postcode

Country

### Dependencies with other proposal participants

Character of dependence	Participant	
-------------------------	-------------	--



Proposal ID **764984**

Acronym **CODA**

Short name **IRM/ KMI**

*Person in charge of the proposal*

Title

Dr.

Sex



Male



Female

First name **Stephane**

Last name **Vannitsem**

E-Mail **svn@meteo.be**

Position in org.

Senior Scientist (SW3)

Department

Research and Development Department

☐ Same as organisation

☒ Same as organisation address

Street

AVENUE CIRCULAIRE 3

Town

BRUXELLES

Post code

1180

Country

Belgium

Website

climdyn.meteo.be

Phone

+3223730552

Phone 2

+XXX XXXXXXXXX

Fax

+XXX XXXXXXXXX

Proposal ID **764984**

Acronym **CODA**

Short name **ENPC**

## Participant

<b>PIC</b>	<b>Legal name</b>
997637629	ECOLE NATIONALE DES PONTS ET CHAUSSEES

*Short name: ENPC*

*Address of the organisation*

Street AVENUE BLAISE PASCAL-CITE DESCARTES

Town MARNE LA VALLEE CEDEX 2

Postcode 77455

Country France

Webpage <http://www.enpc.fr>

*Legal Status of your organisation*

### Research and Innovation legal statuses

Public body .....yes

Legal person .....yes

Non-profit .....yes

Academic Sector .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....yes

Research organisation .....yes

### Enterprise Data

SME self-declared status ..... unknown

SME self-assessment ..... unknown

SME validation sme ..... unknown

**Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.**

Nace code 853 -



Proposal ID **764984**

Acronym **CODA**

Short name **ENPC**

### Department(s) carrying out the proposed work

#### Department 1

Department name

CEREA

☐ not applicable

☒ Same as organisation address

Street

AVENUE BLAISE PASCAL-CITE DESCARTES-CHAM

Town

MARNE LA VALLEE CEDEX 2

Postcode

77455

Country

France

### Dependencies with other proposal participants

Character of dependence	Participant	
-------------------------	-------------	--

Proposal ID **764984**

Acronym **CODA**

Short name **ENPC**

### Person in charge of the proposal

Title

Sex ☒ Male ☐ Female

First name **Marc**

Last name **Bocquet**

E-Mail **bocquet@cerea.enpc.fr**

Position in org.

Department

☐ Same as organisation

☒ Same as organisation address

Street

Town

Post code

Country

Website

Phone

Phone 2

Fax

### Other contact persons

First Name	Last Name	E-mail	Phone
Carolina	Olmedo-Garcia	carolina.garcia-olmedo@enpc.fr	0033164153646

Proposal ID **764984**

Acronym **CODA**

Short name **INRIA**

## Participant

PIC	Legal name
999547074	INSTITUT NATIONAL DE RECHERCHE ENINFORMATIQUE ET AUTOMATIQUE

*Short name: INRIA*

### *Address of the organisation*

Street DOMAINE DE VOLUCEAU ROCQUENCOURT

Town LE CHESNAY CEDEX

Postcode 78153

Country France

Webpage www.inria.fr

### *Legal Status of your organisation*

#### Research and Innovation legal statuses

Public body .....yes

Legal person .....yes

Non-profit .....yes

Academic Sector .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....yes

#### Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

**Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.**

Nace code 72 - Computer & related activities

Proposal ID **764984**

Acronym **CODA**

Short name **INRIA**

### *Department(s) carrying out the proposed work*

#### **Department 1**

Department name

☐ not applicable

☐ Same as organisation address

Street

Town

Postcode

Country

### *Dependencies with other proposal participants*

<i><b>Character of dependence</b></i>	<i><b>Participant</b></i>	
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Proposal ID **764984**

Acronym **CODA**

Short name **INRIA**

### Person in charge of the proposal

Title

Dr.

Sex



Male



Female

First name **Arthur**

Last name **Vidard**

E-Mail **arthur.vidard@inria.fr**

Position in org.

Researcher

Department

Inria Grenoble Rhône-Alpes - AIRSEA



Same as organisation



Same as organisation address

Street

LJK - 51 rue des Mathematiques, BP 53

Town

Grenoble cedex 9

Post code

38041

Country

France

Website

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Phone

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Phone 2

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+XXX XXXXXXXXX

### Other contact persons

First Name	Last Name	E-mail	Phone
Laurent	Debreu	laurent.debreu@inria.fr	+33476514860
Fanny	Rossetti	recettes-grenoble@inria.fr	+33476615568

Proposal ID **764984**

Acronym **CODA**

Short name **UREAD**

## Participant

**PIC** 999984156 **Legal name** THE UNIVERSITY OF READING

*Short name: UREAD*

*Address of the organisation*

Street WHITEKNIGHTS CAMPUS WHITEKNIGHTS H

Town READING

Postcode RG6 6AH

Country United Kingdom

Webpage <http://www.rdg.ac.uk>

*Legal Status of your organisation*

### Research and Innovation legal statuses

Public body .....yes

Legal person .....yes

Non-profit .....yes

Academic Sector .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....yes

Research organisation .....yes

### Enterprise Data

SME self-declared status .....2011 - no

SME self-assessment ..... unknown

SME validation sme .....2011 - no

**Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.**

Nace code - Not applicable

Proposal ID **764984**

Acronym **CODA**

Short name **UREAD**

### Department(s) carrying out the proposed work

#### Department 1

Department name	<input type="text" value="School of mathematical, physical and computational science"/>	<input type="checkbox"/> not applicable
	<input type="checkbox"/> Same as organisation address	
Street	<input type="text" value="Whiteknights, PO Box 220"/>	
Town	<input type="text" value="Reading"/>	
Postcode	<input type="text" value="RG6 6AX"/>	
Country	<input type="text" value="United Kingdom"/>	

### Dependencies with other proposal participants

Character of dependence	Participant	
-------------------------	-------------	--

Proposal ID **764984**

Acronym **CODA**

Short name **UREAD**

### Person in charge of the proposal

Title

Dr.

Sex



Male



Female

First name **Amos Stephen**

Last name **Lawless**

E-Mail **a.s.lawless@reading.ac.uk**

Position in org.

Lecturer in data assimilation and inverse problems

Department

School of mathematical, physical and computational science



Same as organisation



Same as organisation address

Street

Whiteknights, PO Box 220

Town

Reading

Post code

RG6 6AX

Country

United Kingdom

Website

<http://www.personal.reading.ac.uk/~sms00asl/>

Phone

+441183785018

Phone 2

+xxx xxxxxxxxx

Fax

+441189313423

### Other contact persons

First Name	Last Name	E-mail	Phone
Mischa	Phillips	m.phillips@reading.ac.uk	+44 (0)118 378 4494
EU-unit	Reading	eu-unit@reading.ac.uk	+44 (0)118 378 4184

Proposal ID **764984**

Acronym **CODA**

Short name **CONICET**

## Participant

PIC	Legal name
998619754	CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS (CONICET)

Short name: **CONICET**

### Address of the organisation

Street GODOY CRUZ 2290

Town BUENOS AIRES

Postcode C1425FQB

Country Argentina

Webpage www.conicet.gov.ar

### Legal Status of your organisation

#### Research and Innovation legal statuses

Public body .....yes

Legal person .....yes

Non-profit .....yes

Academic Sector .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....yes

#### Enterprise Data

SME self-declared status .....2007 - no

SME self-assessment ..... unknown

SME validation sme.....2007 - no

**Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.**

Nace code

Proposal ID **764984**

Acronym **CODA**

Short name **CONICET**

### Department(s) carrying out the proposed work

#### Department 1

Department name

IFAECI

☐ not applicable

☐ Same as organisation address

Street

Intendente Guiraldes 2160

Town

Buenos Aires

Postcode

1428

Country

Argentina

### Dependencies with other proposal participants

Character of dependence	Participant	
-------------------------	-------------	--

Proposal ID **764984**

Acronym **CODA**

Short name **CONICET**

### Person in charge of the proposal

Title

Dr.

Sex



Male



Female

First name **Juan**

Last name **Ruiz**

E-Mail **jruiz@cima.fcen.uba.ar**

Position in org.

Researcher

Department

CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS



Same as organisation



Same as organisation address

Street

Intendente Guiraldes 2160

Town

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Argentina

Website

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Phone 2

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Fax

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### Other contact persons

First Name	Last Name	E-mail	Phone
Alexis	Hannart	alexis.hannart@cima.fcen.uba.ar	
Jorge	Tezon	jtezon@conicet.gov.ar	

Proposal ID **764984**

Acronym **CODA**

Short name **UiB**

## Participant

<b>PIC</b>	<b>Legal name</b>
999974456	UNIVERSITETET I BERGEN

*Short name: UiB*

*Address of the organisation*

Street Museplassen 1

Town BERGEN

Postcode 5007

Country Norway

Webpage www.uib.no

*Legal Status of your organisation*

### Research and Innovation legal statuses

Public body .....yes

Legal person .....yes

Non-profit .....yes

Academic Sector .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....yes

Research organisation .....no

### Enterprise Data

SME self-declared status .....2015 - no

SME self-assessment ..... unknown

SME validation sme..... unknown

**Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.**

Nace code 853 -



Proposal ID **764984**

Acronym **CODA**

Short name **UiB**

### Department(s) carrying out the proposed work

#### Department 1

Department name	<input type="text" value="Geophysical Institute"/>	<input type="checkbox"/> not applicable
	<input type="checkbox"/> Same as organisation address	
Street	<input type="text" value="Allegt 70, PO Box 7803"/>	
Town	<input type="text" value="Bergen"/>	
Postcode	<input type="text" value="5020"/>	
Country	<input type="text" value="Norway"/>	

### Dependencies with other proposal participants

Character of dependence	Participant	
-------------------------	-------------	--

Proposal ID **764984**

Acronym **CODA**

Short name **UiB**

### Person in charge of the proposal

Title

Sex ☒ Male ☐ Female

First name **Noel**

Last name **Keenlyside**

E-Mail **noel.keenlyside@gfi.uib.no**

Position in org.

Department

☐ Same as organisation

☐ Same as organisation address

Street

Town

Post code

Country

Website

Phone

Phone 2

Fax

### Other contact persons

First Name	Last Name	E-mail	Phone
Francois	Counillon	francois.counillon@nersc.no	+4745288557
Liv-Grethe	Gudmundsen	post@fa.uib.no	+4755584965



Proposal ID **764984**

Acronym **CODA**

Short name **BSC**

## Participant

### PIC

999655520

### Legal name

BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION

*Short name: BSC*

### *Address of the organisation*

Street Calle Jordi Girona 31

Town BARCELONA

Postcode 08034

Country Spain

Webpage www.bsc.es

### *Legal Status of your organisation*

#### Research and Innovation legal statuses

Public body .....yes

Non-profit .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....yes

Legal person .....yes

Academic Sector .....yes

#### Enterprise Data

SME self-declared status .....2011 - no

SME self-assessment ..... unknown

SME validation sme ..... unknown

**Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.**

Nace code 72 - Computer & related activities

Proposal ID **764984**

Acronym **CODA**

Short name **BSC**

### Department(s) carrying out the proposed work

#### Department 1

Department name

Earth Sciences

☐ not applicable

☒ Same as organisation address

Street

Calle Jordi Girona 31

Town

BARCELONA

Postcode

08034

Country

Spain

### Dependencies with other proposal participants

Character of dependence	Participant	
-------------------------	-------------	--

Proposal ID **764984**

Acronym **CODA**

Short name **BSC**

### Person in charge of the proposal

Title

Sex ☒ Male ☐ Female

First name **Francisco**

Last name **Doblas-Reyes**

E-Mail **francisco.doblas-reyes@bsc.es**

Position in org.

Department  ☒ Same as organisation

☒ Same as organisation address

Street

Town

Post code

Country

Website

Phone

Phone 2

Fax

### Other contact persons

First Name	Last Name	E-mail	Phone
Virginie	Guemas	virginie.guemas@bsc.es	+34934137679
Mar	Rodriguez Rodrigo	mar.rodriguez@bsc.es	+34934137566

Proposal ID **764984**

Acronym **CODA**

Short name **CERFACS**

## Participant

### PIC

999940118

### Legal name

CENTRE EUROPEEN DE RECHERCHE ET DE FORMATION AVANCEE EN CALCUL SCIENTIFIQU

Short name: **CERFACS**

### Address of the organisation

Street Avenue Gaspard Coriolis 42

Town TOULOUSE

Postcode 31057

Country France

Webpage www.cerfacs.fr

### Legal Status of your organisation

#### Research and Innovation legal statuses

Public body .....no

Legal person .....yes

Non-profit .....no

Academic Sector .....no

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....no

#### Enterprise Data

SME self-declared status .....2015 - no

SME self-assessment ..... unknown

SME validation sme .....2007 - no

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Nace code - Not applicable

Proposal ID **764984**

Acronym **CODA**

Short name **CERFACS**

### Department(s) carrying out the proposed work

#### Department 1

Department name

☐ not applicable

☒ Same as organisation address

Street

Town

Postcode

Country

### Dependencies with other proposal participants

Character of dependence	Participant	
-------------------------	-------------	--

Proposal ID **764984**

Acronym **CODA**

Short name **CERFACS**

*Person in charge of the proposal*

Title

Dr.

Sex

☐

Male

☒

Female

First name **Sophie**

Last name **Ricci**

E-Mail **sophie.ricci@cerfacs.fr**

Position in org.

Researcher in the GLOBC team

Department

GLOBC

☐ Same as organisation

☒ Same as organisation address

Street

Avenue Gaspard Coriolis 42

Town

TOULOUSE

Post code

31057

Country

France

Website

www.cerfacs.fr

Phone

+33561193128

Phone 2

+XXX XXXXXXXXX

Fax

+XXX XXXXXXXXX





Proposal ID **764984**

Acronym **CODA**

### 3 - Budget

Researcher Number	Recruiting Participant (short name)	Planned start month	Duration (months)
1	NERSC	6	36
2	IRM/ KMI	6	36
3	ENPC	6	36
4	INRIA	6	36
5	UREAD	6	36
6	CONICET	6	36
7	NERSC	6	36
8	UiB	6	36
9	BSC	6	36
10	BSC	6	36
11	CERFACS	6	36
Total			396

Proposal ID **764984**

Acronym **CODA**

Participant Number	Organisation Short Name	Country	IOEI	No of researchers	Number of person.months	Researcher Unit Cost			Institutional Unit Cost		TOTAL
						Living allowance	Mobility Allowance	Family Allowance	Research, training and networking costs	Management and overheads	
1	NERSC	NO	no	2	72	295350,48	43200,00	18000,00	129600,00	86400,00	572550,48
2	IRM/ KMI	BE	no	1	36	111960,00	21600,00	9000,00	64800,00	43200,00	250560,00
3	ENPC	FR	no	1	36	124275,60	21600,00	9000,00	64800,00	43200,00	262875,60
4	INRIA	FR	no	1	36	124275,60	21600,00	9000,00	64800,00	43200,00	262875,60
5	UREAD	UK	no	1	36	134687,88	21600,00	9000,00	64800,00	43200,00	273287,88
6	CONICET	AR	no	1	36	65496,60	21600,00	9000,00	64800,00	43200,00	204096,60
7	UiB	NO	no	1	36	147675,24	21600,00	9000,00	64800,00	43200,00	286275,24
8	BSC	ES	no	2	72	218545,92	43200,00	18000,00	129600,00	86400,00	495745,92
9	CERFACS	FR	no	1	36	124275,60	21600,00	9000,00	64800,00	43200,00	262875,60
Total				11	396	1346542,92	237600,00	99000,00	712800,00	475200,00	2871142,92

## 4 - Ethics issues table

<b>1. HUMAN EMBRYOS/FOETUSES</b>		Page
Does your research involve <a href="#">Human Embryonic Stem Cells (hESCs)</a> ?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve the use of human embryos?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve the use of human foetal tissues / cells?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>2. HUMANS</b>		Page
Does your research involve human participants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve physical interventions on the study participants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>3. HUMAN CELLS / TISSUES</b>		Page
Does your research involve human cells or tissues (other than from Human Embryos/ Foetuses, i.e. section 1)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>4. PERSONAL DATA</b>		Page
Does your research involve personal data collection and/or processing?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve further processing of previously collected personal data (secondary use)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>5. ANIMALS</b>		Page
Does your research involve animals?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>6. THIRD COUNTRIES</b>		Page
In case non-EU countries are involved, do the research related activities undertaken in these countries raise potential ethics issues?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Do you plan to import any material - including personal data - from non-EU countries into the EU?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Do you plan to export any material - including personal data - from the EU to non-EU countries?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
In case your research involves <a href="#">low and/or lower middle income countries</a> , are any benefits-sharing actions planned?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Could the situation in the country put the individuals taking part in the research at risk?	<input type="radio"/> Yes <input checked="" type="radio"/> No	

<b>7. ENVIRONMENT &amp; HEALTH and SAFETY</b>		Page
Does your research involve the use of elements that may cause harm to the environment, to animals or plants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research deal with endangered fauna and/or flora and/or protected areas?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve the use of elements that may cause harm to humans, including research staff?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>8. DUAL USE</b>		Page
Does your research involve dual-use items in the sense of Regulation 428/2009, or other items for which an authorisation is required?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>9. EXCLUSIVE FOCUS ON CIVIL APPLICATIONS</b>		Page
Could your research raise concerns regarding the exclusive focus on civil applications?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>10. MISUSE</b>		Page
Does your research have the potential for misuse of research results?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>11. OTHER ETHICS ISSUES</b>		Page
Are there any other ethics issues that should be taken into consideration? Please specify	<input type="radio"/> Yes <input checked="" type="radio"/> No	

I confirm that I have taken into account all ethics issues described above and that, if any ethics issues apply, I will complete the ethics self-assessment and attach the required documents. ☒

[How to Complete your Ethics Self-Assessment](#)

## 5 - Call Specific Questions

### *Extended Open Research Data Pilot in Horizon 2020*

If selected, applicants will by default participate in the [Pilot on Open Research Data in Horizon 2020](#)<sup>1</sup>, which aims to improve and maximise access to and re-use of research data generated by actions.

However, participation in the Pilot is flexible in the sense that it does not mean that all research data needs to be open. After the action has started, participants will formulate a [Data Management Plan \(DMP\)](#), which should address the relevant aspects of making data FAIR – findable, accessible, interoperable and re-usable, including what data the project will generate, whether and how it will be made accessible for verification and re-use, and how it will be curated and preserved. Through this DMP projects can define certain datasets to remain closed according to the principle "as open as possible, as closed as necessary". A Data Management Plan does not have to be submitted at the proposal stage.

Furthermore, applicants also have the possibility to opt out of this Pilot completely at any stage (before or after the grant signature). In this case, applicants must indicate a reason for this choice (see options below).

Please note that participation in this Pilot does not constitute part of the evaluation process. Proposals will not be penalised for opting out.

We wish to opt out of the Pilot on Open Research Data in Horizon 2020.

☐ Yes

☒ No

Further guidance on open access and research data management is available on the participant portal: [http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination\\_en.htm](http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination_en.htm) and in general annex L of the Work Programme.

<sup>1</sup> According to article 43.2 of Regulation (EU) No 1290/2013 of the European Parliament and of the Council, of 11 December 2013, laying down the rules for participation and dissemination in "Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020)" and repealing Regulation (EC) No 1906/2006.