

ENabling Onshore CO₂ Storage in Europe

Fact Sheet

Project Information

ENOS

Grant agreement ID: 653718

[Project website](#) 

Status

Closed project

Start date

1 September 2016

End date

31 August 2020

Funded under

H2020-EU.3.3.2.3.

Overall budget

€ 12 485 258,75

EU contribution

€ 12 485 258,75

Coordinated by

BUREAU DE RECHERCHES
GEOLOGIQUES ET MINIERES

 France

Objective

To meet the ambitious EC target of an 80% reduction in greenhouse gas emissions by 2050, CO₂ Capture and Storage (CCS) needs to move rapidly towards full scale implementation with geological storage solutions both on and offshore. Onshore storage offers increased flexibility and reduced infrastructure and monitoring costs. Enabling onshore storage will support management of decarbonisation strategies at territory level while enhancing security of energy supply and local economic activities, and securing jobs across Europe. However, successful onshore storage also requires some unique technical and societal challenges to be overcome. ENOS will provide crucial advances to help foster onshore CO₂ storage across Europe through:

- 1) Developing, testing and demonstrating in the field, under “real-life conditions”, key technologies specifically adapted to onshore storage.
- 2) Contributing to the creation of a favourable environment for onshore storage across Europe.

The ENOS site portfolio will provide a great opportunity for demonstration of technologies for safe and environmentally sound storage at relevant scale. Best practices will be developed using experience gained from the field experiments with the participation of local stakeholders and the lay public. This will produce improved integrated research outcomes and increase stakeholder understanding and confidence in CO2 storage. In this improved framework, ENOS will catalyse new onshore pilot and demonstration projects in new locations and geological settings across Europe, taking into account the site-specific and local socio-economic context.

By developing technologies from TRL4/5 to TRL6 across the storage lifecycle, feeding the resultant knowledge and experience into training and education and cooperating at the pan-European and global level, ENOS will have a decisive impact on innovation and build the confidence needed for enabling onshore CO2 storage in Europe.

Field of science

/engineering and technology/environmental engineering/energy and fuels/fossil energy/gas

Programme(s)

Topic(s)

Call for proposal

H2020-LCE-2015-1-two-stage

Funding Scheme

RIA - Research and Innovation action

Coordinator



BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES

Address

3 Av Claude Guillemin
45060 Orleans

 France

[Website](#) 

Activity type

Research Organisations

[Contact the organisation](#) 

EU contribution

€ 1 312 558,75

Participants (20)



BUNDESANSTALT FUER GEOWISSENSCHAFTEN UND ROHSTOFFE

Germany

EU contribution

€ 510 352,50

Address

**Stilleweg 2
30655 Hannover**

[Website](#)

Activity type

Research Organisations

[Contact the organisation](#)



NATURAL ENVIRONMENT RESEARCH COUNCIL

United Kingdom

EU contribution

€ 0

Address

**Polaris House, North Star
Avenue
SN2 1EU Swindon Wiltshire**

[Website](#)

Activity type

Research Organisations

[Contact the organisation](#)



UNITED KINGDOM RESEARCH AND INNOVATION

United Kingdom

EU contribution

€ 833 733,25

Address

**Polaris House North Star
Avenue
SN2 1FL Swindon**

[Contact the organisation](#)

Activity type

Research Organisations



CESKA GEOLOGICKA SLUZBA

Czechia

EU contribution

€ 284 508,75

Address

**Klarov 3/131
11821 Prague 1**

Activity type

Research Organisations



CENTRO DE INVESTIGACIONES ENERGETICAS, MEDIOAMBIENTALES Y TECNOLOGICAS-CIEMAT

 Spain

EU contribution

€ 44 002,50

Address

**Avenida Complutense 40
28040 Madrid**

Activity type

Research Organisations

[Website](#) [↗](#)

[Contact the organisation](#) [↗](#)



FUNDACION CIUDAD DE LA ENERGIA

 Spain

EU contribution

€ 2 709 750

Address

**Avenida Del Presidente
Rodriguez Zapatero Sn
24492 Ponferrada**

Activity type

Research Organisations

[Website](#) [↗](#)

[Contact the organisation](#) [↗](#)



FLODIM SARL

 France

EU contribution

€ 48 750

Address

**110 Rue Des Rizieres
Technoparc Des Grandes
Terres
04100 Manosque**

Activity type

**Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)**

[Contact the organisation](#) [↗](#)



GEOGREEN

 France

EU contribution

€ 427 135

Address

Rue Eugene Et Armand

Activity type

Private for-profit entities

Peugeot 7
92563 Rueil Malmaison

(excluding Higher or
Secondary Education
Establishments)

[Website](#)

[Contact the organisation](#)



I.D.I.L. SAS (INGENIERIE-DEVELOPPEMENT-INSTRUMENTATION-LASER)

France

EU contribution

€ 34 375

Address

21 Rue De Broglie
22300 Lannion

Activity type

Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Contact the organisation](#)



INTERNATIONAL RESEARCH INSTITUTE OFSTAVANGER AS

Norway

EU contribution

€ 0

Address

Professor Olav Hanssens Vei
15
4068 Stavanger

Activity type

Research Organisations

[Website](#)

[Contact the organisation](#)



NORCE NORWEGIAN RESEARCH CENTRE AS

Norway

EU contribution

€ 773 231,25

Address

Nygardsgaten 112
5838 Bergen

Activity type

Research Organisations

[Contact the organisation](#)



NHAZCA SRL

Italy

EU contribution

€ 51 250

Address

Activity type

Address

**Via Vittorio Bachelet 12
00185 Roma**

Activity type

**Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)**

[Contact the organisation](#) 



ISTITUTO NAZIONALE DI OCEANOGRAFIA E DI GEOFISICA SPERIMENTALE

 Italy

EU contribution

€ 1 018 206,25

Address

**Borgo Grotta Gigante 42/C
34010 Sgonico-trieste**

Activity type

Research Organisations

[Website](#) 

[Contact the organisation](#) 



STATNY GEOLOGICKY USTAV DIONYZA STURA

 Slovakia

EU contribution

€ 43 000

Address

**Mlynska Dolina 1
81704 Bratislava**

Activity type

Research Organisations

[Website](#) 

[Contact the organisation](#) 



SILIXA LTD

 United Kingdom

EU contribution

€ 198 618,75

Address

**Centennial Avenue 230
Centennial
WD6 3SN Elstree
Hertfordshire**

Activity type

**Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)**

[Website](#) 

[Contact the organisation](#) 



SOTACARBO - SOCIETA TECNOLOGIE AVANZATE LOW CARBON SPA.

 Italy

EU contribution

€ 264 148

Address

**C/o Ex Miniera Di Serbariu
09013 Carbonia**

Activity type

**Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)**

[Contact the organisation](#) 



NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO

 Netherlands

EU contribution

€ 833 516,25

Address

**Anna Van Buerenplein 1
2595 DA Den Haag**

Activity type

Research Organisations

[Website](#) 

[Contact the organisation](#) 



UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA

 Italy

EU contribution

€ 990 000

Address

**Piazzale Aldo Moro 5
00185 Roma**

Activity type

**Higher or Secondary
Education Establishments**

[Website](#) 

[Contact the organisation](#) 



THE UNIVERSITY OF NOTTINGHAM

 United Kingdom

EU contribution

€ 514 182,50

Address

**University Park
NG7 2RD Nottingham**

Activity type

**Higher or Secondary
Education Establishments**

[Website](#) 

[Contact the organisation](#) 



CO2GEONET - RESEAU D'EXCELLENCE EUROPEEN SUR LE STOCKAGE GEOLOGIQUE DE CO2

 France

EU contribution

€ 1 593 940


Address

Avenue Claude Guillemin 3
45060 Orleans

[Website](#) 

Activity type

Research Organisations

[Contact the organisation](#) 

Last update: 21 November 2019

Record number: 205169

Permalink: <https://cordis.europa.eu/project/id/653718/>

© European Union, 2020