



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 792355.



Deliverable D8.1

Production of leaflet and brochure

WP8

Grant Agreement number	792355
Project acronym	GEO4CIVHIC
Project full title	Most Easy, Efficient and Low Cost Geothermal Systems for Retrofitting Civil and Historical Buildings
Due date of deliverable	31/07/2018 (M4)
Lead beneficiary	11 – RGS-SRG
Other authors	-

Dissemination Level

PU	Public	X
CO	Confidential, only for members of the consortium (including the Commission Services)	
CI	Classified, as referred to in Commission Decision 2001/844/EC	

Document History

Version	Date	Authors	Description
1	14/05/18	RGS & PIETRE EDIL	Logo proposals sent to partners for voting
2	22/06/18	RGS	Creation of the deliverable document
3	03/07/18	CNR-ISAC	Final version of logo adopted
4	13/07/18	RGS	Draft of leaflet and brochure sent to coordinator
5	15/07/18	CNR-ISAC & UNIPD	Reviewed draft sent to RGS
6	16/07/18	RGS	Reviewed draft sent to partners
6	22/07/18	GEOSERV & UBEG	Reviewed draft sent to RGS
7	25/07/18	RGS	Sent to Coordinator
8	31/07/18	CNR-ISAC	Revised by the Coordinator

Disclaimer

This document is the property of the GEO4CIVHIC Consortium.

This document may not be copied, reproduced, or modified in the whole or in the part for any purpose without written permission from the GEO4CIVHIC Coordinator with acceptance of the Project Consortium.

This publication was completed with the support of the European Commission under the *Horizon 2020 research and innovation programme*. The contents of this publication do not necessarily reflect the Commission's own position. The documents reflect only the author's views and the Community is not liable for any use that may be made of the information contained therein.

Contents

Contents	3
Publishable summary.....	4
Abbreviations.....	5
Introduction	6
1 Leaflet.....	6
1.1 Leaflet page 1.....	7
1.2 Leaflet page 2	7
2 Brochure	8
2.1 Front page	8
2.2 Goals and technological approach	8
2.3 Project's objectives and activities	9
2.4 Innovations and work packages	9
2.5 PERT diagram	10
2.6 Demonstration and test field sites.....	10
2.7 Pilot and demonstration sites (real and virtual).....	11
2.8 Partners in the consortium	11
2.9 Back cover	12
Conclusion.....	13
References.....	14

Publishable summary

The deliverable *D8.1 “Production of leaflet and brochure”* is a public document delivered in the context of WP8, Task 8.3, with regard to *“Dissemination of project’s results”*.

The **leaflet** presents – in a concentrated form – the main information on the project, namely: title, acronym, addressed call and topic, general information, composition of the Consortium partners, general and specific objectives. The leaflet contains also information on the pilot case studies and on the real and virtual demo sites, which will serve to prove the viability of the technical solutions to be developed during the project’s evolution.

The **brochure** presents the same information as above, but in a more detailed form.

The purpose of the leaflet and of the brochure is to disseminate the basic information with regard to the project, at its initial phase. The target group is represented by: the general public, specialists in shallow geothermal energy and heat pumps (HVAC engineers, installers, drillers, etc.), SMEs from the construction industry, representatives of the local and central public administration (policy bodies, municipal planners, energy managers, etc.), scientific community, professional associations, etc.

Both documents are elaborated by RGS in the English language, in electronic printable format. After the approval of the final version, each partner will translate the documents in their national language for dissemination purposes.

The elaboration of the leaflet and of the brochure was preceded by the selection of the project’s logo. For this purpose, RGS has organized a voting procedure among the consortium’s partners for choosing the project’s logo out of 22 versions. These logo versions were elaborated by RGS and Pietre Edil. Based on partners’ opinion, the most representative one was chosen for the leaflet, brochure and website.



Figure 1. Logo of the project

Abbreviations

GEO4CIVHIC

Most Easy, Efficient and Low Cost **Geothermal** Systems **for** Retrofitting
Civil and **Historical** Buildings

Introduction

The deliverable *D8.1 "Production of leaflet and brochure"* is the first deliverable of WP8 of the project, and it is issued in the context of WP8, Task 8.3, with regard to *"Dissemination of project's results"*.

The information contained in this deliverable comes from two sources:

- the project proposal number 792355, Proposal acronym: GEO4CIVHIC, prepared by the consortium partners for the Horizon 2020 Program, Call: H2020-LCE-2017-RES-IA , Topic: LCE-17-2017, Type of action: IA,
- and from the „Grant agreement number 792355 — GEO4CIVHIC” concluded with INEA.

The leaflet and the brochure will be displayed – in electronic form – on the website of the project. Each partner of the consortium will translate these documents in its national language. The printed versions of the leaflet and of the brochure will serve to disseminate information about the project on the occasion of the dissemination activities organized during the lifetime of the project – workshops, courses, conferences, congresses.

1. Leaflet

1.1. Leaflet page 1

DEMONSTRATION SITES

- 2 FIELD TEST SITES to validate and improve the drilling methodology and machine components.
- 3 PILOT CASE STUDIES in existing real estate, to check and validate two types of innovative co-axial heat exchangers, two very shallow heat exchanger solutions, a new plug and play heat pump with advanced controls.
- 4 REAL DEMONSTRATION CASE STUDIES (1 civil and 3 historical) in different built environments, undergrounds and climatic conditions will be used to test the shallow geothermal system with the innovative drilling machine, new ground heat exchangers and the novel heat pumps.
- 12 "VIRTUAL" DEMONSTRATION CASE STUDIES where the decision support system and design tools will be applied.

PILOT CASE STUDIES

Pilot case study N.1

CNR: Novel heat pumps and innovative co-axial heat exchangers

Pilot case study N.2

TECNALIA: Plug & play heat pump coupled with other renewable sources and an advanced Building Management System

Pilot case study N.3

UPV: Very shallow heat exchangers

REAL DEMONSTRATION CASE STUDIES

Demo. case study N.1

Malta (warm climate): New co-axial heat exchangers and low temperature dual source

Demo. case study N.2

Italy (mild warm climate): New co-axial heat exchangers and high temperature dual source

Demo. case study N.3

Belgium (mild cold climate): New co-axial heat exchangers and two levels temperature water to water heat pump

Demo. case study N.4

Ireland (cold climate): New co-axial heat exchangers and high temperature water to water heat pump

VIRTUAL DEMONSTRATION SITES

- Museum of Natural History of Aix-en-Provence - One on Leader: CRIS
- Administrative building "Palacio de las Artes" - Spain: Leader: UPV
- Residential building Avanguardes Forum 2 - Romania: Leader: PIETRE
- Residential building in Bucharest - Romania: Leader: RGS
- University building "E. Dogaletti" - Italy: Leader: UNIMP
- Historic building in Split - Croatia: Leader: UNESCO
- University Building in Braunschweig - Germany: Leader: FAU
- Historical building "Castle of Ambrú" - Belgium: Leader: GEOSERV
- Domus Clodiviana Library - Ireland: Leader: GEOSERV
- Domestic building "La Azende in de Nieuwe Dijk" - Switzerland: Leader: SUPSI
- Residential Building Marillabury Street - Netherlands: Leader: CNR-ISAC
- Residential Building Alameda 6 - Spain: Leader: CNR-ISAC

PARTNERS

2018 - 2022

MOST EASY, EFFICIENT AND LOW COST GEOTHERMAL SYSTEMS FOR RETROFITTING CIVIL AND HISTORICAL BUILDINGS

Acronym	GEO4CIVIC	Start date	01/09/2018
Website	www.geo4civic.eu	Duration	4 years
Topic	LCE-17-2017	Coordinator	CNR - ISAC
Type of action	IA	Contact	Adriana Bernabè a.berna@isac.it
Call	H2020-LCE-2017-RES-IA		

Total project budget: 8,143,120.97 €
EU funding: 6,841,960.75 €

GEO4CIVIC Project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 792355

www.geo4civic.eu

1.2. Leaflet page 2

PROJECT'S TECHNOLOGICAL APPROACH

- The main goal of GEO4CIVIC is to develop and demonstrate easier to install and more efficient ground heat exchangers, using drilling machine innovations tailored for the built environment & developing or adapting heat pumps and other hybrid solutions in combination with renewable energy sources for retrofits through a holistic engineering and controls approach improving the return of investments.
- GEO4CIVIC's target will accelerate the deployment of shallow geothermal systems for heating and cooling in retrofitting existing and historical buildings by using innovative technological solutions, improvements and enrichment of results obtained from previous EU projects.

THE PROJECT WILL APPLY A DUAL APPROACH TO ACCELERATE THE PENETRATION OF SHALLOW GEOTHERMAL ENERGY PLANTS IN RETROFITTED BUILDINGS

- Reduce cost, increase efficiency and ease of installation of each of the main components of the value chain of the geothermal plant by developing technical innovations in drilling, borehole heat exchangers, heat pumps, integration of other renewable energy sources, controls.
- Develop engineering and decision support tools in a holistic approach to identify the most appropriate solutions, followed by actions raising awareness, increasing credibility and supporting implementation.
- The overall methodology of GEO4CIVIC follows a holistic approach with the activities grouped by type and organized in a logical sequence from research over innovation to demonstration and evaluation. The communication, dissemination and exploitation runs in parallel over the four other phases. First, the basis for driving these innovations and for monitoring the project progress and results is researched. The innovations are developed in the second phase. Once the developments have been realized the project moves into an extensive demonstration phase. Field tests of the key innovations are followed in a third phase by pilots, full case demonstrations and virtual case studies. Upon results evaluation, a solid basis is built for market exploitation supported by training events, workshops and dissemination activities.

PROJECT'S WORK PACKAGES

WP NO.	WORK PACKAGE TITLE	LEADER
1	Barriers identification, case study modelling and preliminary feasibility studies to define key performance indicators and the basis for the innovations	UNIMP
2	Powerful vibration-rotation drilling head mounted on compact drilling machine to install the improved co-axial heat exchangers	FAU
3	Innovative Heat Pumps for Civil and Historical Buildings & NZEB	GALLETTI
4	Decision Support System with design tool, Building Energy Management System and Apps	TECNALIA
5	Demonstration of efficiency of installation of shallow geothermal and heating and cooling in individual retrofitted installations	RED
6	Environmental Impact, Risk assessment and Standard Regulations	GEOSERV
7	Demonstration of cost-effectiveness and efficiency for the systems, exploitation and market	SOLINTEL
8	Training, education, dissemination and knowledge sharing (first of all)	RGS
9	Project and consortium management	CNR-ISAC

PROJECT'S OBJECTIVES

OBJECTIVES OF THE TECHNICAL BLOCK

OBJECTIVE 1 - to identify the main gaps and barriers to deploying shallow geothermal systems in the built environment.

OBJECTIVE 2 - to improve and develop innovative solutions regarding drilling methodologies and machine components as well as ground heat exchangers targeted at the difficult and confined urban settings.

OBJECTIVE 3 - to develop and demonstrate innovative heat pumps for both low and high temperature terminals suitable for all buildings, climates and ground conditions.

OBJECTIVE 4 - develop and make available tools for preliminary feasibility assessment and analysis of different sets of solutions that will achieve user optimized energy management.

OBJECTIVE 5 - to demonstrate the project developments and innovation in a cascade setting at 4 different real case study sites and 12 virtual sites.

OBJECTIVES OF THE ECONOMIC AND MARKET BLOCK

OBJECTIVE 6 - to provide the building retrofit market with a solid economic value basis leading towards a general acceptance of the ground source heat pumps as a standard renewable energy source in Europe.

OBJECTIVE 7 - to organize intensive teaching, training and dissemination activities to convince stakeholders users of the value and the performance achieved with the shallow geothermal systems using the GEO4CIVIC innovations.

OBJECTIVES OF THE ENVIRONMENTAL & STANDARDIZATION BLOCK

OBJECTIVE 8 - to enhance the knowledge on recommendations towards common standards & regulation, reduced permitting and awareness of shallow geothermal systems for a more sustainable environment.


OBJECTIVE 9 - to enhance the activity inside the committees working and collaborating in European standards (EN) for the use of shallow geothermal systems.

PROJECT'S PROPOSED INNOVATIONS

- ✓ Vibration-rotation drill head
- ✓ Compact, versatile drilling machine
- ✓ Semi-automatic feeder for drilling machine
- ✓ Co-axial heat exchangers (steel and plastic)
- ✓ Adaptation of well point
- ✓ Dual source heat pumps
- ✓ Two stage heat pump for high temperature terminals
- ✓ Low mid-term GWP refrigerant heat pump working at low temperature
- ✓ European drilling maps (steel and plastic)
- ✓ On-site drillability assessment
- ✓ Decision support system

2. Brochure

2.1. Front page




2018 - 2022

MOST EASY, EFFICIENT AND LOW COST GEOTHERMAL SYSTEMS FOR RETROFITTING CIVIL AND HISTORICAL BUILDINGS

Acronym	GEO4CIVIC	Start date	01/04/2018
Website	www.geo4civic.eu	Duration	4 years
Topic	LCE-17-2017	Coordinator	CNR - ISAC
Type of action	IA	Contact	Adriana Bernardi (a.bernardi@isac.it)
Call	H2020-LCE-2017-RES-IA		

Total project budget: 8,143,120.97 €
EU funding: 5,841,360.75 €



GEO4CIVIC Project has received funding from the European Union's Horizon2020 research and innovation programme under grant agreement No. 792395

www.geo4civic.eu

2.2. Goals and technological approach

MOST EASY, EFFICIENT AND LOW COST GEOTHERMAL SYSTEMS FOR RETROFITTING CIVIL AND HISTORICAL BUILDINGS

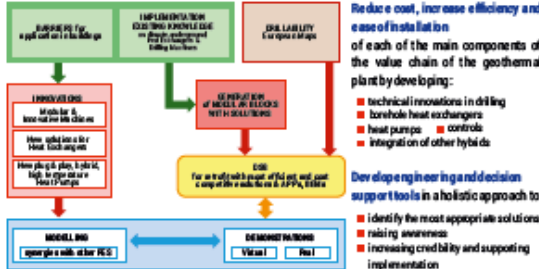
2018 - 2022

✓ The main goal of GEO4CIVIC is to develop and demonstrate easier to install and more efficient ground source heat exchangers, using innovative compact drilling machines tailored for the built environment. The project also aims to develop or adapt heat pumps and other hybrid solutions in combination with renewable energy sources for retrofits through a holistic engineering and controls approach, for improving the return of investments.

✓ GEO4CIVIC's target is to accelerate the deployment of shallow geothermal systems for heating and cooling in retrofitting existing and historical buildings. It is based on innovative solutions investigated by an international expert group of companies and research centres.

DUAL APPROACH WILL BE APPLIED TO ACCELERATE THE PENETRATION OF SHALLOW GEOTHERMAL ENERGY PLANTS IN RETROFITTED BUILDINGS:

OVERALL TECHNOLOGICAL APPROACH OF THE PROJECT



Reduce cost, increase efficiency and ease of installation of each of the main components of the value chain of the geothermal plant by developing:

- technical innovations in drilling
- horizontal heat exchangers
- heat pumps
- controls
- integration of other hybrids

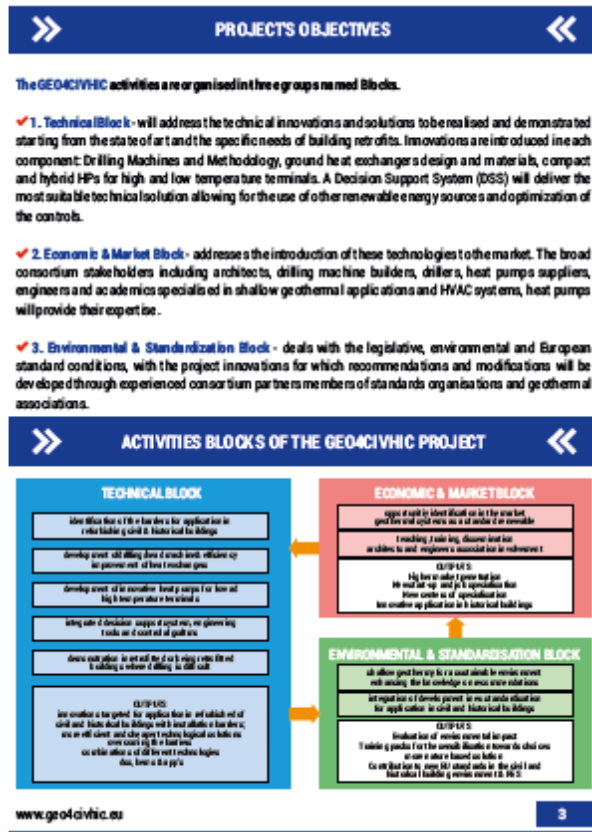
Developing in-situ and decision support tools in a holistic approach to:

- identify the most appropriate solutions
- raising awareness
- increasing credibility and supporting implementation

2

www.geo4civic.eu


2.3. Project's objectives and activities



2.4. Innovations and work packages

»
INNOVATIONS TO BE ACHIEVED BY THE GEO4CIVHC PROJECT
«

- ✓ Vibration-rotation drill head
- ✓ Compact, versatile drilling machine
- ✓ Semi-automatic feeder for drilling machine
- ✓ Co-axial heat exchangers (steel and plastic)
- ✓ Adaptation of well point
- ✓ Dual source heat pumps
- ✓ Two stage heat pump for high temperature terminals
- ✓ Low mid-term GWP refrigerant heat pump working at low temperature
- ✓ European drilling maps
- ✓ Application for on-site drillability assessment
- ✓ Decision support system
- ✓ Building Energy Management (BEM) control optimization for RES synergies
- ✓ Application to guide user towards energy saving actions

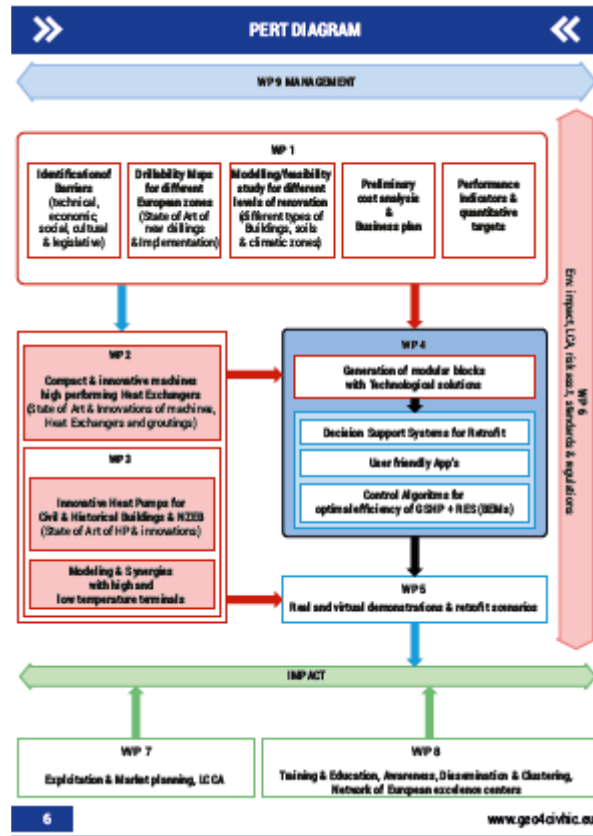


»
WORK PACKAGES
«

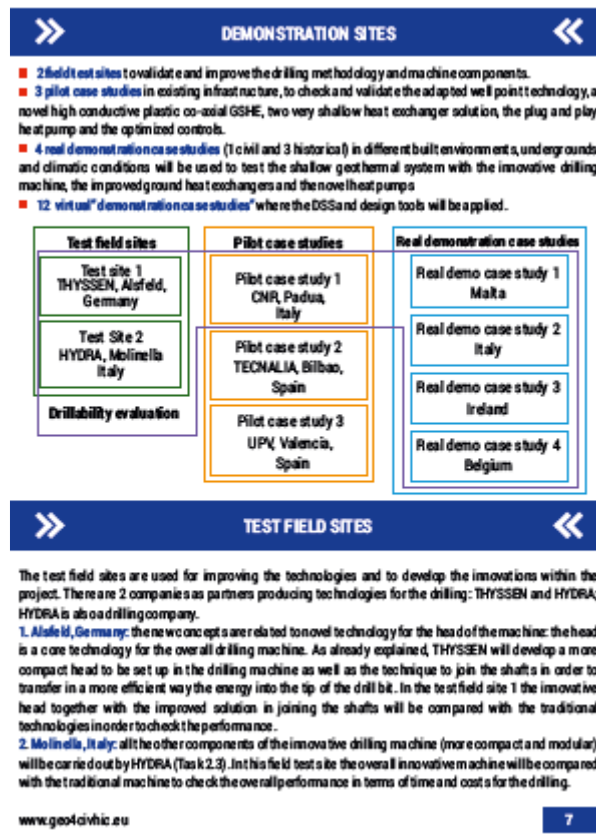
WP NO.	WORK PACKAGE TITLE	LEADER
1	BaM identification, case study modeling and preliminary feasibility studies to define key performance indicators and the basis for the innovations	UNIPD
2	Powerful vibration-rotation drilling head mounted on compact drilling machine to install the improved co-axial heat exchangers	FJAU
3	Innovative Heat Pumps for Civil and Historical Buildings & NZEB	GALLETTI
4	Decision Support System with design tools, Building Energy Management System and Apps	TECNALIA
5	Demonstration of efficiency of installation of shallow geothermal and heating and cooling in individual retrofitted installations	RED
6	Environmental impact, Risk assessment and Standard Regulations	GEOSEV
7	Demonstration of cost-effectiveness and efficiency for the systems, exploitation and market	SOLUNTEL
8	Training, education, dissemination and knowledge sharing (clustering)	RGS
9	Project and consortium management	CNR-IRAC

www.geo4civhc.eu
5

2.5. PERT diagram



2.6. Demonstration and test field sites



2.7. Pilot and demonstration sites (real and virtual)

»
«
PILOT SITES



Pilot demo site No. 1
CNR Research Area of Padua (Italy)



Pilot demo site No. 2
TECNALIA (Spain)



Pilot demo site No. 3
LMV (Valencia, Spain)

These floors are 65 m² each main rooms and sanitary facilities. It is available to test building materials and HVAC systems in a controlled fashion. A detailed and complete monitoring system will permit to evaluate the accurate efficiency of the innovations for energy innovations synergically.

KUBIK is a singular building for R&D focused on the development of new concepts, products and services for the improvement of energy efficiency in buildings. In other words, for Configuration of Zero Energy Buildings. Its uniqueness lies in its ability for generating realistic scenarios on which to assess energy efficiency resulting from the integration of construction solutions, air conditioning and lighting systems and energy supply from conventional and renewable energies.

Geofensal Heat Exchangers Test Site is a facility to perform monitored thermal response tests within the LMV Campus. This installation allows to generate a planned thermal load (heating or cooling) by means of heat pumps with a 3-way valve that modulates and controls the injected heat rate. Subsequently, the operational behavior is compared with mathematical models to obtain the main thermal parameters of the experimental borehole heat exchangers.

»
«
DEMONSTRATION SITES

Demonstration sites (WPS) host the overall GSHP systems, including the building to be renovated, the heat pump and the ground heat exchangers.

The GEO-4CIVIC Project will use both real and virtual demonstration sites, in order to validate the new technologies and software tools at real scale.

	Real demonstration sites				Virtual demonstration sites											
	Italy	Spain	France	Germany	Spain	France	Germany	Italy	Spain	France	Germany	Italy	Spain	France	Germany	
Age	Existing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Historic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Climate	Warm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mild or Warm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mild or Cold	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Cold	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Type	Residential	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Non-residential	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓




»
«
8
www.geo4civic.eu

2.8. Partners in the consortium

»
«
PARTNERS



1. COORDINATOR:
INSTITUTE OF ATMOSPHERIC SCIENCES AND CLIMATE - NATIONAL RESEARCH COUNCIL (CNR - ISAC)
CONSIGLIO NAZIONALE DELLE RICERCHE NATIONAL RESEARCH COUNCIL (CNR)
 Piazzale Aldo Moro 7, Roma 00185, Italy www.isac.cnr.it
 Contact person: Adriana Bernardi, a.bernardi@isac.cnr.it



2. UNIVERSITA' DEGLI STUDI DI PADOVA (UNIPD)
 Via 8 Febbraio 3, Padova 35122, Italy
www.unipd.it
 Contact person: Antonio Galassi, antonio.galassi@unipd.it



3. UNIVERSITAT POLITÈCNICA DE VALÈNCIA (UPV)
 Cambe de Vera s/n Edificio 3a, Valencia 46100, Spain
www.upv.es
 Contact person: Javier Urbaneja, jurbaneja@upv.es



4. RESEARCH AND ENVIRONMENTAL DEVICES SRL (RED)
 Via dell'Industria 28/A 36129 Padova
www.red.it
 Contact person: Luca Pozzoli, luca.pozzoli@red.it



5. TERNA GEOSERV LIMITED (GEOSERV)
 Unit 6 - Blackthorn, Southern Cross Business Park, 129th St, Bayswater, VIC 3084, Australia, <http://www.geoserv.com.au/>
 Contact person: Riccardo Paganelli, r.paganelli@geoserv.com.au



6. GALLETTI BELGIUM (GALLETTI)
 Commestraat 16, Tervuren 1740, Belgium
www.galletti.be
 Contact person: Fabio Pedretti, fabped@stgaletti.it



7. FUNDACIÓ D'INICIATIVES DE RECERCA I INNOVACIÓ
 Paragon Tecnològic de l'illa de Ponent s/n Edifici 2,
 Carrer de Sant Sebastià 36000, Spain, www.tecnalia.com
 Contact person: Anaïs Casals, anaïs.casals@tecnalia.com



8. THYSSENKRUPP INFRASTRUCTURE GMBH (TIG)
 Heilbronnstr. 7A, DE-60437 Frankfurt
www.tig.com
 Contact person: Alexander Hoffmann, alexander.hoffmann@tig.com



9. UNESCO REGIONAL BUREAU FOR SCIENCE AND CULTURE IN EUROPE
 Place de Fontenay 7, Paris 75005, France, www.unesco.org/eur/sci
 Contact person: Camille Follon, c.follon@unesco.org

»
«
www.geo4civic.eu
13



**10. FRIEDRICH-ALEXANDER-UNIVERSITÄT
ERLANGEN-NÜRNBERG (FAU)**
Schlossplatz 4, Erlangen 91054, Germany www.uni-erlangen.de
Contact person: Omid Akbari Masoumi, omid@www.uni-erlangen.de



**12. CENTRE FOR RENEWABLE ENERGY SOURCES
AND SAVING (CRES)**
Marathonos 19th Km, Piraeus 11500, Greece www.cres.gr
Contact person: Dimitrios Mendrinou, dimitrinou@cres.gr



**14. UBEG DR. ERICH MANDS U M ARC SAUER
GBR (UBEG)**
Reinbergstrasse 2, Weitzlar 35580, Germany www.ubeg.de
Contact person: Burkhard Sauer b.sauer@ubeg.de



16. PIETRE EDIL SRL (PIETRE EDIL)
Str. Strani c. 2 Et. 3 Ap. 3, Bucharest 030042, Romania
www.pietre-edil.ro
Contact person: Leonardo Rossi, archi.consolidazioni@yahoo.it



18. DIN I-ART HELWA (DLH)
132 Melita Vija, Valletta VLT 1103, Malta,
<https://din-i-art-helwa.org/>
Contact person: Ludiano Mule Stagno l.mulestagno@gmail.com



**11. SOCIETATEA ROMANA GEO EXCHANGE
(SRG - RGS)**
Bd.1 Pache Protopopescu 46 Sector 3, Bucharest 03134, Romania
www.georexchange.ro
Contact person: Robert Gal Mac, robertgalmac@georexchange.ro



13. HYDRA SRL (HYDRA)
Via Guiccioli 6, Molinella 40062 (BO), Italy
www.hydrasrmec.it
Contact person: Davide Righini, davide@hydrasrmec.it



15. GEO GREEN SPRL (GEO-GREEN)
Rue De Prieumont Marbais 63, Villers La Ville 1495, Belgium
www.geo-green.be
Contact person: Jacques Vercruyse, jvb@geo-green.be



17. SOLINTEL MA P SL (SOLINTEL)
Avenida de Jerez 33, Nuevo Baztan 28514, Spain,
www.solintel.eu
Contact person: Michele Vivaldo michele.vivaldo@solintel.eu



**19. SCUOLA UNIVERSITARIA PROFESSIONALE
DELLA SVIZZERA ITALIANA (SUPSI)**
Stabile Le Gere, Manno 6803, Switzerland www.supsi.ch
Contact person: Sebastian Perin sebastian.perin@supsi.ch

2.9. Back cover



2018 - 2022

**MOST EASY,
EFFICIENT AND LOW COST
GEOTHERMAL SYSTEMS
FOR RETROFITTING CIVIL
AND HISTORICAL BUILDINGS**



GEO4CIVHIC Project has received funding from the European Union's Horizon2020 research and innovation programme under grant agreement No. 792355

Conclusion

The deliverable *D8.3 "Production of leaflet and brochure"* is a public document delivered in the context of WP8, Task 8.3, with regard to *"Dissemination of project's results"*.

The information contained in the leaflet and in the brochure originates from the project proposal and the grant agreement for the GEO4CIVHIC project.

The leaflet and the brochure will be used to disseminate the basic information with regard to the project, to the target groups, on the occasion of different dissemination activities such as workshops, courses, conferences, congresses.

References

[1] Grant agreement number 792355— GEO4CIVHIC

[2] Proposal number: 792355, Proposal acronym: GEO4CIVHIC, submitted for Horizon 2020, Call: H2020-LCE-2017-RES-IA , Topic: LCE-17-2017, Type of action: IA