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## Deliverable D8.2

# PRODUCTION OF PROJECT WEBSITE

### WP8

<b>Grant Agreement number</b>	792355
<b>Project acronym</b>	GEO4CIVHIC
<b>Project full title</b>	Most Easy, Efficient and Low Cost Geothermal Systems for Retrofitting Civil and Historical Buildings
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<b>Lead beneficiary</b>	11 – Romanian Geoexchange Society
<b>Other authors</b>	-

#### *Dissemination Level*

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

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2	22/09/2018	RGS	Draft for coordinator
3	23/09/2018	RGS	Reviewed draft
4	26/09/2018	RGS	Reviewed draft after the 6 months management meeting
5	28/09/2018	RGS	Final version for Coordinator
6	28/09/2018	Adriana Bernardi (CNR-ISAC)	Final check by coordinator and upload of the deliverable

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## **Publishable summary**

The “Production of project website” is a “public” document delivered in the context of “WP8, Task 8.3: Communication of project’s results”, with regard to A8.3.2 “Production of project website”.

This document presents both the preparatory activities achieved prior to actual construction of the project’s website – such as: registration of a domain name and its purchase, elaboration of the offer request, launch of the offer requests, selection of the most qualified bidder and contract signing – and the construction of the first version of the project’s website by the selected webmaster, according to the technical specifications agreed upon with the partners of the consortium, as well.

## Abbreviations

GEO4CIVHIC      Most Easy, Efficient and Low Cost Geothermal Systems for Retrofitting  
Civil and Historical Buildings

## Introduction

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At page 60 (145) from the Grant Agreement **792355** it is stipulated:

***“Task 8.3 – Communication of project’s results.***

*Leader: RGS Participants: All*

*As explained in detail in §2.2, the dissemination of project’s results will use electronic dissemination (website, Facebook, etc.) and direct contact dissemination (conferences, workshops, etc.). Contacts with industry, technology platforms, etc. are also necessary and guaranteed by the involved partners (see CVs in Part 4) very active in platforms/clusters/PPP Associations, etc. activities. The project website (in English) shall provide online information with regular updates on an independent domain. The website will be maintained 3 years beyond the project’s end. All the public material (deliverables, publications, etc.) will be available on the GEO4CIVHIC web site. Moreover, information (calendar) on upcoming events, conferences, fairs, etc. and a discussion forum will be present to promote exchange of information and ideas to inform about the innovation and advantages of the project. Key parts of the website will be also translated into the languages of each participant country. A “barrier-free” and comprehensive webpage accessible to the different target audiences/stakeholders, and social media (helped by PIETRE) will also be assured.”*

As responsible for WP8, the Romanian Geoexchange Society has undergone the assigned activity regarding the construction and the maintenance of the project website – as this website shall represent the most important platform for disseminating the information about the projects’ results. The award of the website contract had to be done in an early stage of the project development, as the awarded contractor would be also responsible for the elaboration of the project’s logo – which had to be used for the early deliveries of the project leaflet and brochure. On the other hand, the main start content of the project website is represented by the content of the project’s brochure.

## **1 Preparatory activities prior to the actual construction of the website**

### **1.1 Registration of a domain and its purchase**

According to the information exchange with the project’s coordinator with respect to the name of the website domain for the project, it was agreed that the website domain name will be: [www.geo4civhic.eu](http://www.geo4civhic.eu) .

The Romanian Geoexchange Society has procured this domain from Europe Registry.

The domain certificate is presented in Appendix A, and the corresponding invoice for its purchase in Appendix B.

### **1.2. Elaboration of the offer request**

According to the specifications presented in the Grant Agreement, a first draft of the offer request was elaborated and circulated among the consortium’s partners for suggestions.

The final offer request (including the suggestions of consortium’s partners) was then elaborated – this is presented in Appendix C.

### **1.3. Launch of the offers**

The final offer request was sent by email to potential website developers – IT companies or individual developers – in order to ask them to provide their technical and financial offers. The targeted IT companies or the individual website developers were located in Romania, in order to facilitate the cooperation between the Romanian Geoexchange Society and the future chosen website developer for the project “GEO4CIVHIC”.

Offers were launched by email, to the following IT companies:

- StillCo IT&C SPECIALISTS - Manager Mr. Octavian Calin ([www.stillco.ro](http://www.stillco.ro); [office@stillco.ro](mailto:office@stillco.ro))
- INFORA Company – Manager Mr. Irinel Burloiu ([www.infora.ro](http://www.infora.ro); [irinel.burloiu@infora.ro](mailto:irinel.burloiu@infora.ro) )
- VEXTOR SOFTWARE S.R.L. – Manager Mr. Bogdan Chelaru ([www.vextor.ro](http://www.vextor.ro); [office@vextor.ro](mailto:office@vextor.ro))

### **1.4. Selection of the most qualified bidder and contract signing**

Due to the schedule of the delivery and the interference with the summer holidays, the deadline requested for submitting the offers was June 14<sup>th</sup>, 2018. Another reason for setting this deadline was that the IT company, which will be responsible with the website development, must also elaborate the project logo, and this project logo had to be used for the leaflet and the brochure. The leaflet and the brochure were due July 30<sup>th</sup>, 2018.

At the set deadline, there were 3 companies who provided their offers: StillCo IT&C SPECIALISTS, INFORA Company and VEXTOR SOFTWARE S.R.L.

The offer presented by the StillCO IT&C SPECIALISTS – 24960 euro, without VAT - exceeded the financial means available from the budget of the project for the website construction and maintenance. As consequence, their offer was eliminated from the analysis.

The offer presented by the VEXTOR Company – 28874 euro, without VAT - exceeded the financial means available from the budget of the project for the website construction and maintenance. As consequence, their offer was eliminated from the analysis as well.

The only offer which was under the budget of the project for the website construction and maintenance was the offer presented by the INFORA Company, in total value of 23967 euros. This offer is presented in **Appendix D**.

The INFORA Company was requested to attend an interview on the date of June 19<sup>th</sup>, 2018, and to bring credentials showing its previous experience in similar jobs. The interview took place at the headquarters of the Romanian Geoexchange Society.

Prior to the interview, the Infora Company sent an email containing the following projects considered most representative:

<http://naturalparis.ro/ro/>  
<http://holidayoffice.ro/>  
<http://diet4life.ro/>  
<http://scule-stern.ro/>  
<http://mouserent.ro/>  
<http://www.ozicusoare.com/>  
<http://traduceri.pro/>  
<http://fluend.ro/>  
<http://www.bebesun.ro/>  
<http://www.doctorulverde.ro/>  
<http://crimefashion.ro/>  
<http://www.industrialservicecompany.ro/>  
<http://greec.ro/>  
<http://www.ofresh.ro/>  
<http://avocatteodorescu.ro/>  
<http://www.kia-juridic.ro/>  
<http://exclusive.com.ro/>

The Infora Company has also been working for a Belgian contractor (<http://denku.be/>), and the websites developed for these partners are the following ones:

<http://comith.be/>  
<http://belgiumsbest.com/>  
<http://www.clubshop.be/>  
<http://conixrdbm.com/>  
<http://mindshake.biz/>  
<http://www.langens.be>  
<http://segers-balcaen.com/>  
<http://breen-belgium.com/>  
<http://visrestaurant-kelderman.be>  
<http://www.touringglass.be/>  
<http://rantour.be/>  
<http://fiskuvan.be/>  
<http://www.muurdeco.be/>

As service provider for Denku Belgium, Infora has executed technical projects for clients coming from the industry, such as: Bridgestone, Daikin, NMBS Logistics, Aardgas, Mercedes Benz (see the website <http://denku.be/clients/>).

It must also be mentioned the important fact that INFORA Company has also elaborated and maintained the website for the Cheap-GSHP Project as well, and has acquired a lot of experience in this particular domain of European projects.

Judging according to the technical and financial information provided by each competitor, after the interview it was decided that the winner of the competition is the Infora Company – due to its experience in the elaboration of websites for international clients and due to its maturity in dealing with technical and scientific projects.

Following the award, the contract between the Romanian Geoexchange Society and the Infora Company was elaborated and signed. The contract was signed for the overall value of 24.000 euros (as stipulated in the budget of the project), exceeding by 33 euro the offer of Infora (23.967 euro) due to the needs of covering the costs for website hosting for 7 years. The contract is bilingual – English and Romanian – in order to obey the requirements both of the European Union and of the Romanian authorities. The contract has several annexes.

### **1.5. Elaboration of the project’s logo**

The elaboration of the project’s logo was done in cooperation by the INFORA Company and the PIETRE EDIL partner in the project. A joint file was prepared, containing 22 logo suggestions from both companies. INFORA Company has elaborated a web based procedure/tool for voting. The link for the voting options was:

[https://docs.google.com/forms/d/e/1FAIpQLSe-bnoggeulVpNwwQRS0XYaG15eQtB\\_Y8JIQW4hm7m2suYuvw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSe-bnoggeulVpNwwQRS0XYaG15eQtB_Y8JIQW4hm7m2suYuvw/viewform)

The link for the voting results was:

<https://docs.google.com/spreadsheets/d/11kXhTwDGumGSkiSV7oX2jVFfn2dr9LARcpBYhctP60A4/edit#gid=1536690075>

The consortium partners were then asked to cast their votes, and the following logo was chosen as the most representative for the GEO4CIVHIC project.



**Figure 1. Logo of the GEO4CIVHIC project**

The logo was further used for the leaflet and the brochure.

## **2. Construction of the website**

Based on the technical requirements agreed upon with the consortium partners and on the website development proposal sent during the selection phase, the Infora Company has elaborated the first version of the project’s website – this is available at <http://www.geo4civhic.eu> . The webmaster has also studied the website architecture of other four websites for previous projects of the coordinator.

The project’s website is hosted on a server from Frankfurt am Main of the German hosting company Digital Ocean ([www.digitalocean.com](http://www.digitalocean.com)) – one of the top hosting platforms at the moment. The static IP for the hosted domain is 46.101.182.106 located at <https://db-ip.com/46.101.182.106>, Gateway 46.101.128.1. The hosting details are presented in *Appendix E*.

The website has already been filled in with the available information on the project’s development, such as: the kick-off meeting held in Padova (April 2018), the publications produced so far (the leaflet and the brochure), and also the deliverables due in the months prior to the website’s delivery - D9.1 “Quality Project Plan”, and D8.1 “Production of leaflet and brochure”. The “Publications” sub-menu has also a special section dedicated to “Congresses and Conferences Articles”, in order to facilitate easier tracking of these publications.

Some of the most representative webpages from the project’s website are presented below.

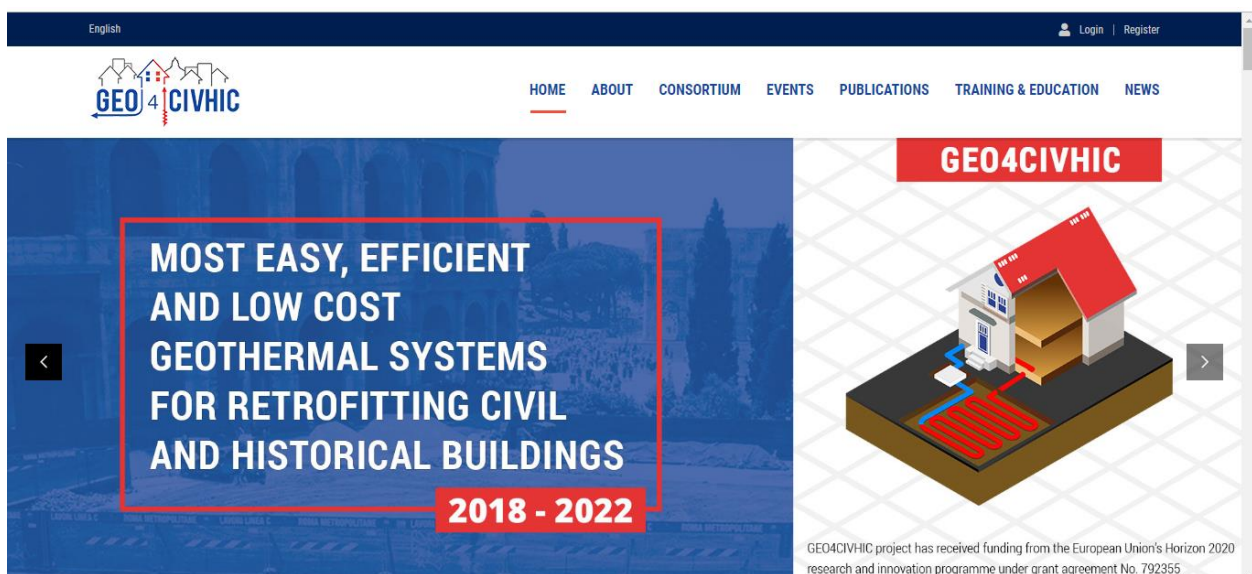


Figure 2. Homepage of the GEO4CIVHIC website – scroll image 1

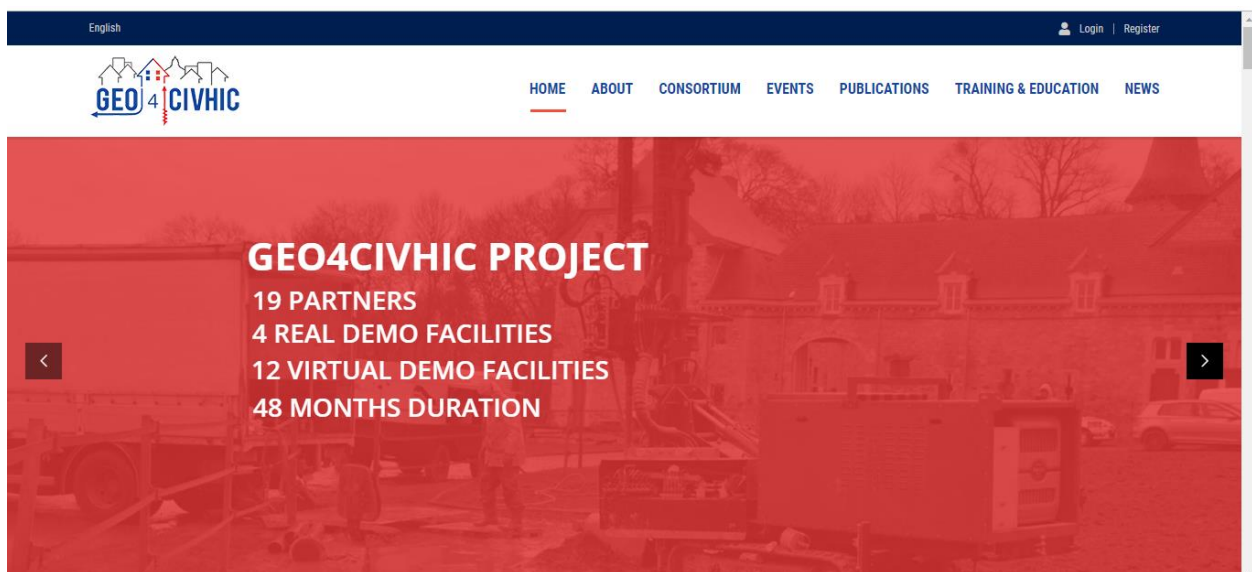


Figure 3. Homepage of the GEO4CIVHIC website – scroll image 2

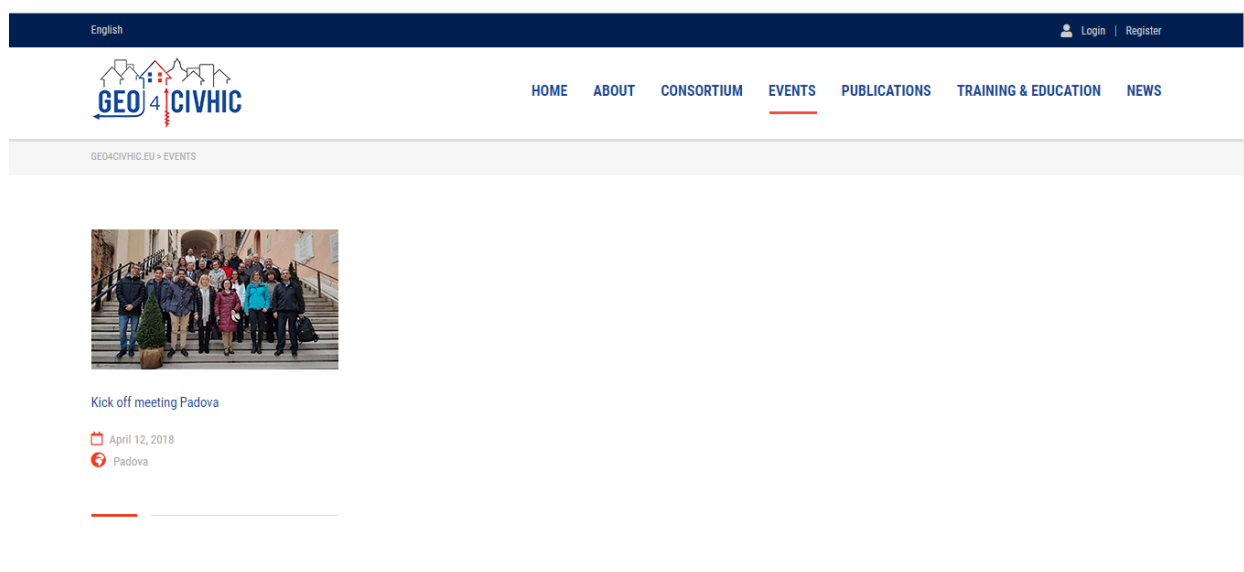


Figure 4. Events webpage of the GEO4CIVHIC website

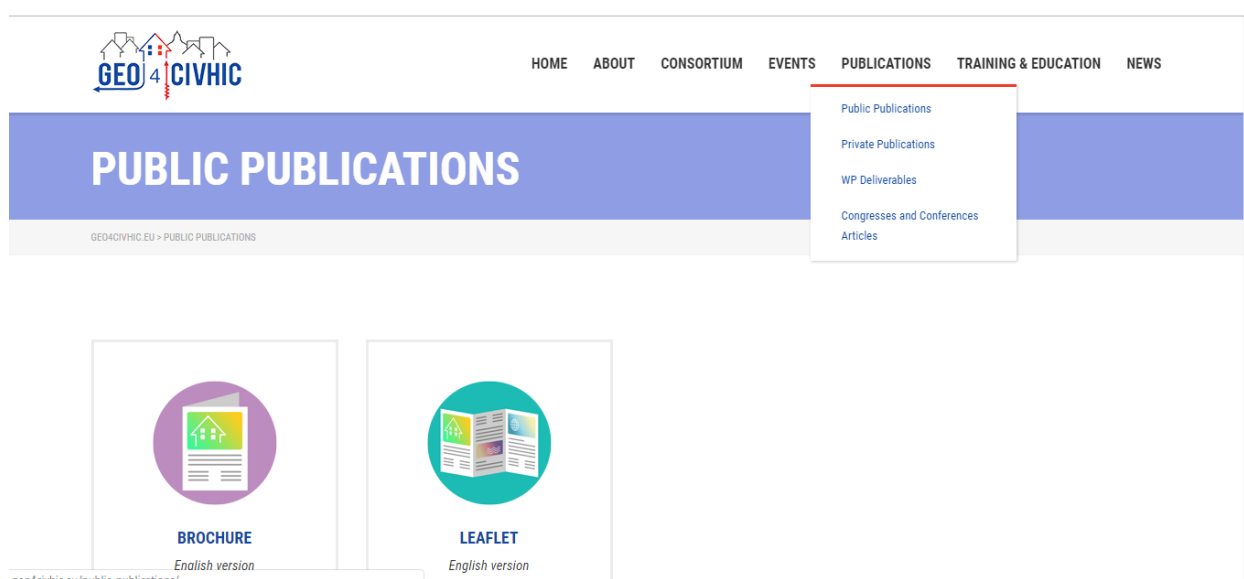


Figure 5. Public publications webpage of the GEO4CIVHIC website

### **3. Reception of the website**

After the construction of the first version of the website, this was tested for functioning by the Romanian Geoexchange Society.

Infra Company has also provided the following documents:

- The technical documentation for the “GEO4CIVHIC” project website;
- The user manual – both for the administrator, and for the user.

The coordinator has suggested several changes and improvements, which were operated in the website. The improved version was submitted to the consortium partners for intense testing.

During the 6 months management meeting organized by Partner Tecnalia in Bilbao (Spain), the consortium partners have suggested several important improvements to the website, dealing with:

- Measures to apply the GDPR Directive with respect to disseminating the information to the stakeholders;
- Inclusion of a calendar for events, covering the most important conferences and congresses in the geothermal sector – which would enable the timely preparation for scientific articles;
- File repository to facilitate the exchange of information among the consortium partners while elaborating the deliverables and other documents of common interest;
- Tracking of “Open Data” articles by means of the project’s website.

Following the testing procedure and the operation of the required changes and improvements, the final certificate of acceptance will be signed between the Romanian Geoexchange Society and Infora Company (according to the contract requirements).

According to the development of the project and the requirements risen along this path, the website shall be constantly improved and adapted to the needs of the project.

## Conclusion

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As responsible for the WP8, the Romanian Geoexchange Society has undergone the assigned activity regarding the construction and the maintenance of the project website – as this website shall represent the most important platform for disseminating the information about the projects' results.

The actual website construction was preceded by an intense preliminary activity, dealing with: registration and purchase of the website domain for the project, elaboration of the offer request and consultation with the consortium partners, launch of the offers requests to potential bidders, selection of the most qualified bidder and contract signing, and – finally - elaboration of the project's logo (which was selected/voted by the consortium's partners).

The first version of the website is available at [www.geo4civhic.eu](http://www.geo4civhic.eu) for consultation and remarks/suggestions. The architecture of this first version of the website respects the recommendations from the offer request agreed with the consortium's partners, and its content is based on the project's brochure.

The project's website shall permanently be up-graded and developed during the evolution of the project itself.

## 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
- [3] GEO4CIVHIC\_T8.3\_Partner\_11\_D8.1. Production of leaflet and brochure

## Appendix A: Certificate of Registration of a Domain Name



**Domain Directors Pty Ltd t/a Instra**

GPO Box 988 Melbourne 3001

Victoria

Australia

ABN 13 100 504 596

ACN 100 504 596

EU VAT No: EU528001560

NZ GST No: 121-431-688

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### *Certificate of Registration of a Domain Name*

This is to certify that the Internet domain name

**geo4civhic.eu**

has been registered this day by

Europe Registry

for and on behalf of:

**Romanian Geoexchange Society**

Issued by Europe Registry

International Domain Name Registrar

Valid for 7 year(s)

Expires: 2025-05-07

Europe Registry.



[www.europeregistry.com](http://www.europeregistry.com)

## Appendix B: Invoice for the Registration Certificate

The screenshot shows a web browser window with the URL <https://www.europeregistry.com/account/viewHistory>. The page title is "View Transactions". The user is logged in as "Welcome robgav" with a currency of "€ EUR". A sidebar on the left contains navigation options: Dashboard, Account Details, Account Settings, Account Contacts, Update Payment Details, Orders & Invoices, Transaction History, Domains, New TLDs, SSL Certificates, Hosting, Website Builder, and Phone Numbers. The main content area is titled "Transaction History" and features a search bar and a "Show: 10" dropdown. A table displays one transaction:

Product Name	Transaction Type	Price	Date	Status	Order ID
geo4civhic.eu	Register Domain	EUR 118.29	2018-05-07	completed	1805072227387004454

Below the table, it says "Showing 1 to 1 of 1 entries" and includes pagination controls. A "Need Help? Contact Support" link is also visible. The Windows taskbar at the bottom shows the time as 3:28 PM on 07-May-18.

## Appendix C: Website offer request

**Object of the offer:** website for the dissemination of information in an international research project in the frame of the Horizon 2020 Program.

1. **Official language** of the website: **English**. Key parts of the website will facilitate the dissemination of information in other languages, all the translations being provided by the partners in the project. The languages in which information shall be available on the website are: **English, Italian, French, Dutch, German, Greek, Romanian, Spanish**.

2. **The domain** which shall be associated to the website is: [www.geo4civhic.eu](http://www.geo4civhic.eu)

3. **Duration of the website:** 7 (six) years – 4 years during the life time of the project itself, and 3 years beyond its completion.

### 4. Specific requirements regarding the website

4.1. The website must comply with the rules set by the European Commission regarding the preparation of the website, available at: <https://ec.europa.eu/energy/intelligent/managing-projects/day-to-day-management/communicating-your-results/>.

4.2. The website development company must demonstrate prior experience in developing customized CMS/ERP/CRM systems.

4.3. The website development company must offer support for the entire life cycle of the product (6 years).

4.4. The website development company shall also be responsible for the creation of the logo of the project. The website designer shall propose 3 (three) possible logos, out of which only 1 (one) will be selected by the partners in the consortium and shall be further used during the lifetime of the project. This logo will be present on all official documents issued during the project life.

4.5. The website shall have multiple levels of access. The website shall have a public domain (accessible to the open public), and a private domain (accessible to the partners in the project) for the dissemination of the information related to the project. The public domain shall have an attractive graphic layout and an intuitive user interface, using eye-catching visual effects. The graphic layout of the public domain shall be designed specifically for this project, without using generic graphic templates.

4.6. The access of the partners in the project to the private domain of the website shall be made on the basis of **“access passwords”**, which shall also be notified to the website administrator. The website administrator is the Romanian Geoexchange Society, as the responsible partner

within the consortium for the “Training, education, dissemination and knowledge sharing (clustering)” work package.

4.7. The information presented on the website shall be updated regularly (according to the evolution of the project), as follows:

- In the public domain of the website, the update shall be made by the website administrator assisted by the IT company responsible for the development of the website.
- In the private domain of the website, the up-date is multi-access – each WP/task responsible will be able to up-load information on the specific part of the website, on the basis of “*up-date passwords*”. The website administrator and the IT company responsible for the development of the website shall be notified prior to each up-date intended by any WP/task responsible or partner, and shall also be in the possession of all the “*up-date passwords*”.

4.8. The private domain of the website shall have strong security features in order to prevent the loss of data or dissemination of sensitive information.

4.9. The website shall contain a **discussion forum**, in order to promote exchange of information and ideas about the interested stakeholders and information (calendar) on upcoming events.

4.10. The public domain of the website shall contain documents such as: newsletter, brochure, videos, photos, as well as any other information produced during the project’s life time and agreed by the project’s consortium to be made public.

4.11. The website shall facilitate the organization of on-line training courses and services, by allowing access to training material (PowerPoint, Word, Adobe) and by the possibility of integrating exams.

4.12. The website shall maintain the presence in **social media**, by automatically connecting to **Facebook, Twitter** and **LinkedIn**. The website shall be easily accessible from mobile devices (smart phones and tablets).

4.13. The website shall work well on all modern browsers (including those provided for Mac/Apple), without having compatibility issues.

4.14. The website shall allow links to the websites of all the partners in the consortium (19 partners) – by fully respecting the security features set within the project consortium.

4.15. The website shall facilitate the inter-connection to other electronic platforms developed in the research work packages, providing web accessible freeware software, design tools and web accessible Decision Support Tool – by fully respecting the licence conditions set within the project consortium.

4.16. The website shall facilitate the integration of the data bases created by consortium partners shall at a later date, but this possibility must be provided/allowed from the very beginning of the website design phase.

4.17. The website shall have a flexible access band and storage capacity, allowing the adaptation to variable (possible increasing) number of visits and increasing amount of information/data to be uploaded.

4.18. The development of the website should be easy track-able using versioning tools.

4.19. A logging mechanism is required in order to keep track of the activity of the users involved in the project.

4.20. The platform used should enable easy translation of the existing content.

- 4.21. A CRM module is needed in order to track and document the progress on the individual research projects advertised by the system.
- 4.22. The system must have a notification/newsletter system that can be used to send relevant info to all the registered users.
- 4.23. The website shall enable: SEO (Search Engine Optimization) activities, multiple content management systems and Google Analytics account.
- 4.24. The website shall enable the integration of specific features, such as: calendars, forms, subscription services (RSS, email or newsletters).
- 4.25. Similar websites need to be taken into consideration for development:

NANOMATCH: [www.nanomatch-project.eu](http://www.nanomatch-project.eu)

EFFESUS: [www.effesus.eu](http://www.effesus.eu)

EcoShopping: [www.ecoshopping-project.eu](http://www.ecoshopping-project.eu)

Cheap-GSHP: [www.cheap-gshp.eu](http://www.cheap-gshp.eu)

## Appendix D: Website offer by INFORA Company



### Website Development Proposal

[www.geo4civhic.eu](http://www.geo4civhic.eu)

June 14<sup>th</sup>, 2018

Prepared by: Irinel BURLOIU, Andreea RADU

Prepared for: Horizon 2020 Program project bidding

### Introduction

Thank you for the opportunity to submit a proposal for building the [www.geo4civhic.eu](http://www.geo4civhic.eu) website. Based on request for website development document, we have identified and listed below the Needs and Solutions that we will want to address in this project.

### Needs

Under the Horizon 2020 Program a new website should be created for dissemination of international research project *GEO4CIVHIC - Most Easy, Efficient and Low Cost Geothermal Systems for Retrofitting Civil and Historical Buildings*.

Website should support 2 categories of users:

- **Public:** find relevant public information about research project.
- **Private:** access to private information, structured on multi-level security access rights, with strong security features and backup in place.

Furthermore, website should be maintained by Romanian Geoexchange Society for a period of 7 years, with the support of web developer from INFORA. The editor and users of the private area needs to be able to add and revise content and edit pages if necessary.

Website should be built on a strong **Content Management System** platform able to integrate:

- **Discussion Forum**
- **Content repository:** newsletter, brochures, videos, photos and other relevant online content
- **Online training courses** (PowerPoint, Word, Adobe content) and integration of **exams module**.
- **Social Media integration** (Facebook, LinkedIn, Twitter, Instagram)
- **Integration of the data bases** created by consortium partners at a later stage
- **SEO, Analytics account**, subscription services (email, RSS)
- **Multiple language** content: English, Italian, French, Dutch, German, Greek, Romanian

## Solution

Infora will provide a fresh new web design with intuitive user interface, highly secured that is easy to navigate and provides useful information to both public and private visitors. The design will be attractive, developed specifically for this project, optimized for mobile devices and all modern internet browsers. Infora will provide web design services for logo of the project and design of all website pages and visual elements.

Web development services provided by INFORA will comply with the rules set by the European Commission regarding the development of a website.

## Content Management System

New website proposal will be based on a robust Content Management System (CMS) that will allow the website administrator - Romanian Geoexchange Society to make changes easily to the website, without requiring dedicated professional external services.

Solution proposed is based on WordPress Content Management System.

### Website Structure

The new website will have 2 parts:

1. Public Area
2. Private Area

Estimated content structure:

**A. Public area:**

- 1. Home Page**
- 2. About Project**
- 3. Consortium**
- 4. Contacts**
- 5. Publications**
- 6. Project Results**
- 7. News**
- 8. Forum**
- 9. Events**
- 10. Learning**
- 11. Disclaimer**
- 12. Links to partners page**

**B. Private area**

- 1. Specific project WP content (available on password access)**

Pages will be created and populated at beginning of the project by INFORA, and later one can be edited both by INFORA and website administrator.

Login into Private Area will be realized with custom login accounts, each new user account should be approved by administrator before getting access.

## **Workflow**

**A. Preliminary Design**

Infora will provide a preliminary design concept for the new website. The design concept will include the logo proposal, basic layout, color palette, fonts, and main wireframes of the pages.

During this phase we will agree on main page templates, user flow, content structure and technical setup. Infora will provide 3 options for logo design and make required changes for designing the logo and user interfaces of the site.

## B. Integration of Content Management System

Once the design is approved, then Infora will incorporate the Content Management System into the design, developing all features detailed in the Annexes.

At this stage we will have all templates of required pages with minimal content inserted.

## C. Features Development

After the design and basic website structure is build we work on building the required feature of the website. The following elements will be developed and integrated:

- Discussion Forum
- Online training courses (PowerPoint, Word, Adobe content) and integration of exams module.
- Social Media integration (Facebook and Twitter)
- Integration of the data bases created by consortium partners at a later stage
- SEO, Analytics account, subscription services (email, RSS)
- Multiple language integration: English, Italian, French, Dutch, German, Greek, Romanian

## D. Integrate content

After finalizing the site structure and development of required features, site will be populated with content.

## E. Maintenance services (years 1 – 7)

After website launch, Infora will provide webmaster services for content integration (years 1-4), support and maintenance (years 1-7). Hosting services will be provided by INFORA.

## Fee Summaries


<p><b>Web Design and Setup</b></p> <p>Includes:</p> <ul style="list-style-type: none"> <li>• Design 3 logo proposals</li> <li>• work with client to create a custom website interface - layout, colors, and fonts</li> <li>• set up website architecture and navigation system</li> <li>• implement nameplate/logo placement and design</li> <li>• create website mirror for beta testing purposes</li> <li>• integrate content management system</li> </ul>	<p><b>12.5 days work</b></p>
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<ul style="list-style-type: none"> <li>• Setup security level, site structure, database, versioning platform, backup</li> <li>• Develop new WordPress interface, taxonomies, forms, static pages and templates</li> </ul>	
<p><b>Home Page</b></p> <p>Using the webpage template developed during the initial design phase, this includes integration of the main landing pages templates into site architecture and enter specific content:</p> <ol style="list-style-type: none"> <li><b>2. About GEO4CIVHIC Project</b></li> <li><b>3. Consortium</b></li> <li><b>4. Events</b></li> <li><b>5. Project Results</b></li> <li><b>7. Publications</b></li> <li><b>8. Training &amp; Education</b></li> <li><b>9. News</b></li> <li><b>10. Forum</b></li> <li><b>12. Links</b></li> <li><b>13. Contact</b></li> <li><b>14. Disclaimer</b></li> </ol>	<p><b>4 days work</b></p>
<p><b>Website Pages – Private Area</b></p> <p>Using the same template as design and structure, we will create the pages for Private area. Full structure to be defined during analysis and design phase.</p> <ul style="list-style-type: none"> <li>- Integration of multilevel user security accounts</li> </ul>	<p><b>2 days work</b></p>
<p><b>Features development</b></p> <ul style="list-style-type: none"> <li>- Discussion Forum (<b>2 days work</b>)</li> <li>- Email platform integration</li> <li>- Integration of file management system repository and online training courses (PowerPoint, Word, Adobe content) with integration of exams module (<b>5 days work</b>)</li> </ul>	<p><b>10 days work</b></p>


<ul style="list-style-type: none"> <li>- Social Media integration (Facebook, Twitter, LinkedIn and Instagram) <b>(0.5 days work)</b></li> <li>- Integration of the data bases created by consortium partners at a later stage</li> <li>- SEO, Analytics account, subscription services (email, RSS) <b>(1.5 days work)</b></li> <li>- Multiple language integration: English, Italian, French, Dutch, German, Greek, Romanian <b>(1 day work)</b></li> </ul>	
<p>Integrate content</p> <ul style="list-style-type: none"> <li>- Populate website with specific content (public and private area)</li> </ul>	<b>2 days work</b>
<p><b>Maintenance and support</b></p> <p>Year 1, 2, 3, 4 (maintenance and web master).</p> <p>Webmaster work and maintenance 8h / month x 48 months = 384 hours (48 days work)</p> <p>Year 5, 6, 7 (maintenance): 4h / month x 24 months = 96 hours (12 days work)</p> <p>Include:</p> <ul style="list-style-type: none"> <li>- development of new features</li> <li>- website content creation</li> <li>- social media dissemination + posting</li> <li>- regular backup</li> <li>- regular performance review</li> </ul>	<b>66 days work</b>
<p><b>Other features Included:</b></p> <ul style="list-style-type: none"> <li>- Quality Assurance, testing and validation</li> <li>- SEO Module</li> <li>- Analytics Account</li> <li>- Setup Google Webmaster Tools (robots, sitemap) + keywords setup on site</li> <li>- Training session on CMS site usage</li> <li>- CMS user manual</li> </ul>	

<b>Total work effort</b>	<b>96.5 days work</b>
<b>Total cost: 96.5 days x 8 hours x 25 eur/hour (Cost without VAT)</b>	<b>19300 eur</b>
<b>Total cost with VAT</b>	<b>22967 eur</b>
Other costs: Hosting 7 years	<b>1000 eur</b>

## Appendix E: Hosting details



**GEO4CIVHIC-PROJECT**

in  Irinel Burloiu / 2 GB Memory / 40 GB Disk + 10 GB / FRA1 GEO4CIVHIC

ON

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ipv4: 46.101.182.106
ipv6: [Enable now](#)
Private IP: [Enable now](#)
Floating IP: [Enable now](#)
[Console: !\[\]\(254527ec491c02ec03e2febd5aa342ea\_img.jpg\)](#)


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- Graphs
- Access
- Power
- Volumes
- Resize
- Networking

### Public network

<b>IP ADDRESS:</b>	<b>GATEWAY:</b>	<b>NETMASK:</b>
46.101.182.106	46.101.128.1	255.255.192.0

Geolocation data from [IP2Location](#) (Product: DB6, updated on 2018-9-1)

Domain Name	Country	Region	City
geo4civhic.eu	Germany 	Hessen	Frankfurt am Main
ISP	Organization	Latitude	Longitude
DigitalOcean LLC	Not Available	50.1155	8.6842