# D15.7 Development and Maintenance of OptiDrill Webpage

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# Document Info

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## Acronyms

[WP] - Work Package

[WPs] - Work Packages

[D] - Deliverable

[TVS] - Technovative Solutions LTD

[TRL] - Technology Readiness Level

[FAQ] - Frequently Asked Questions

## Executive Summary

Technovative Solutions Ltd has developed the OptiDrill website, delivered under the WP15-D15.4 Development and Maintenance of OptiDrill Webpage. This is a public document of the OptiDrill project. The purpose of this deliverable is to ensure the successful dissemination through the implementation and deployment of an awareness and dissemination plan. This report presents the first step in the partial objective of developing and deploying the OptiDrill project website (accessed at www.optidrill.eu) devoted to the broad public audience all around the world.

# 1. Introduction

An initial version of the OptiDrill project website has been designed, executed, and deployed on the Internet. It has been designed textually and visually to quickly address the essential questions that may be raised by an external visitor to the website, such as:

- What is the project about?
- What are the project details and roadmap?
- What is the current project progress?
- Who is participating in the project?
- What additional details are available?
- Who to contact for more information?

The project website is developed and hosted by WP15 leader (TVS), under the domain www.optidrill.eu. Google Analytics is installed which allows us to track multiple important metrics, covering all aspects including user experience and device functionality. It also allows us to obtain the information needed to improve the project website and enhance the website constantly. The project website is designed in high responsiveness in mind which makes web pages render well on a variety of devices and screen sizes from minimum to maximum display sizes such as desktop, mobile or tablet screens.

# 2. Registration, Hosting, and Website architecture

The OptiDrill project domain has been created on Namecheap and hosted on AWS > EC2. Registration and hosting data are given in Figure 1. The website architecture is as explained below:

**Server side:**
- WordPress platform
- Deployment in Linux server on AWS> EC2

**Client Side:**
- WordPress plugin- Elementor Pro, Element Pack Lite - Addon for Elementor, Elementor Addon Elements, Contact Form 7, Interactive Geo Maps, Newsletter, WP Mail SMTP

**Source Control/ Backup:**
- Source Code: Backup saved in Google Drive
- Project management: Jira platform

**Logoand Font Colour code:**
- described in the following figure 2 below.

**ⓘ WHOIS DATA**

| | |
|---|---|
| Domain name | **optidrill.eu** |
| Status | Registered ❓ |
| Registered | 19 jan 2021 |
| Registrar | Namecheap, Inc |

**≣ NAME SERVERS** ⌃

ns-671.awsdns-19.net

ns-1852.awsdns-39.co.uk

ns-318.awsdns-39.com

ns-1416.awsdns-49.org

*Figure 1 Domain and hosting registration data*

## Logo Color

Color Hex code

| | | | | | |
|---|---|---|---|---|---|
| ■ | Primary Color<br>#1253A5 | ■ | Secondary Color<br>#9B9498 | ■ | Thirdly Color<br>#323338 |

## Text Color

Color Hex code

| | | | | | |
|---|---|---|---|---|---|
| ■ | Heading Text<br>#232639 | ■ | Paragraph Color<br>#525558 | ■ | Highlight Text Color<br>#0050AA |

## Font Family

Rubik Font Family

*Figure 2 Logo and Font Colour code*

# 3. Website Description

The project website is designed to present all audiences information about the project, project details, roadmap, consortium partners, current progress status, and updates on social media. The website is public and the leading section of different parts are:

- general information about the project
- partners' details and roles in the project
- current and future list of events and news
- all public documents / deliverables generated during the course of the project
- links to social network profiles
- newsletter subscription
- contact information
- photo slideshow
- work packages, and
- other documents

The website is intended to deliver information available to the wide public. In the following, different website pages and their intended use will be described.

## 3.1 Home page

The home page of the OptiDrill website contains general information about project. The upper part of the screen shows the logo and the navigation panel, using a horizontal structure that is commonly used in design of websites. As the user scrolls the page down, shortened sections of the pages such as "Photo slideshow", "Project Objectives", "Consortium, Impact", "latest "News & Events", "Newsletter" and "Partners" are listed accordingly. *News & Events* parts are linked to the actual relevant pages, where the full content is displayed. The footer of the home page includes EU logo, funding statement, and subscribe button for the Newsletter.
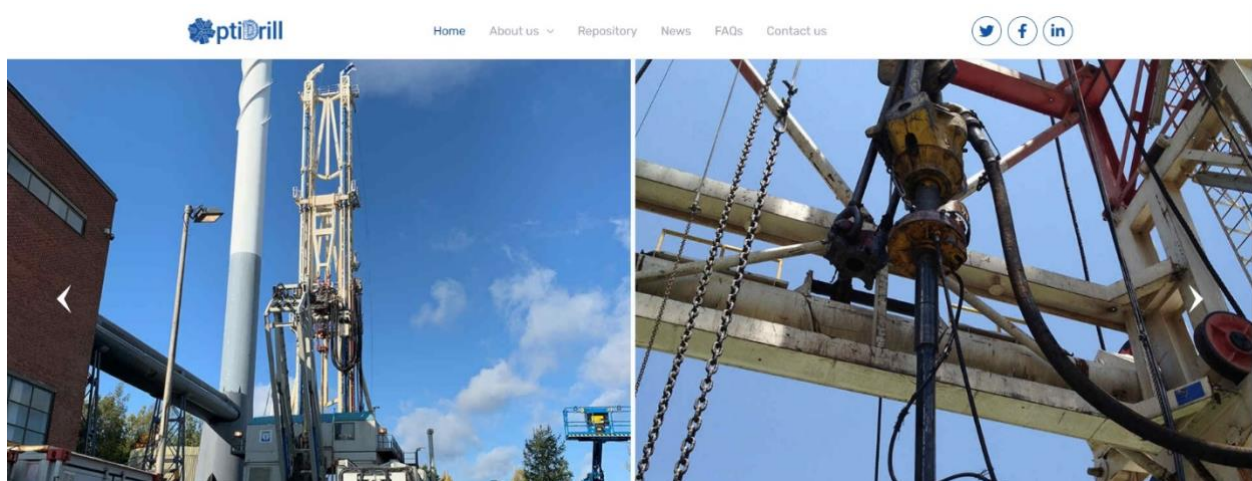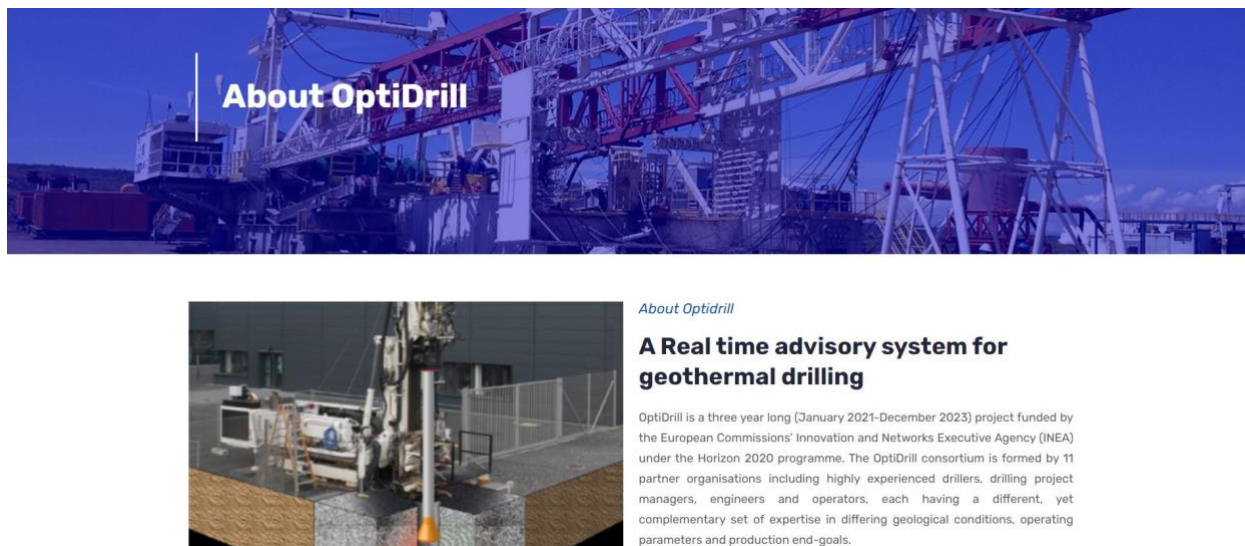


*Figure 3 Home page section*

## 3.2 About us

"About us" page presents the overall concept, objectives, and impact of the project.



*Figure 4 About us section*

## 3.3 Project details

"Project details" page presents the project name, acronym, duration, budget, topic, funding scheme, roadmap, and project technology readiness level (TRL).
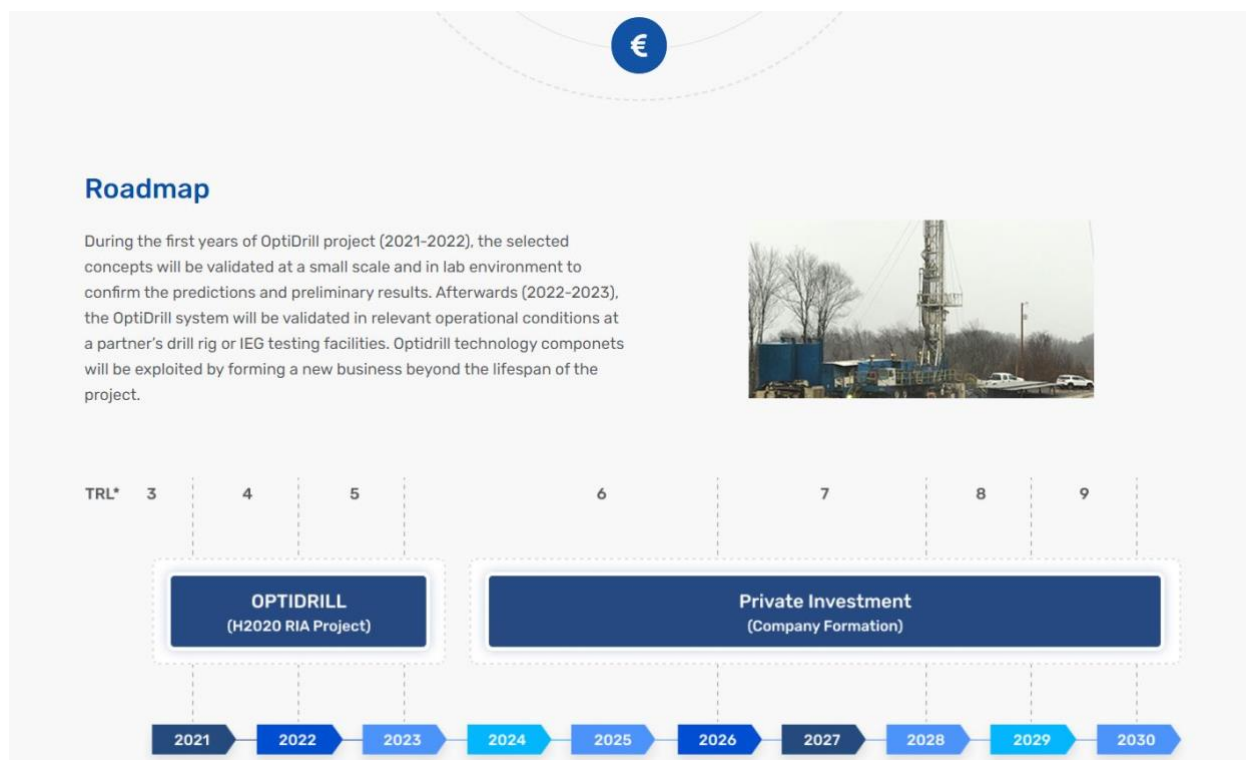


*Figure 5 Project details section*

## 3.4 Consortium

"Consortium" page presents the project partners organisation short description and their role in the project.
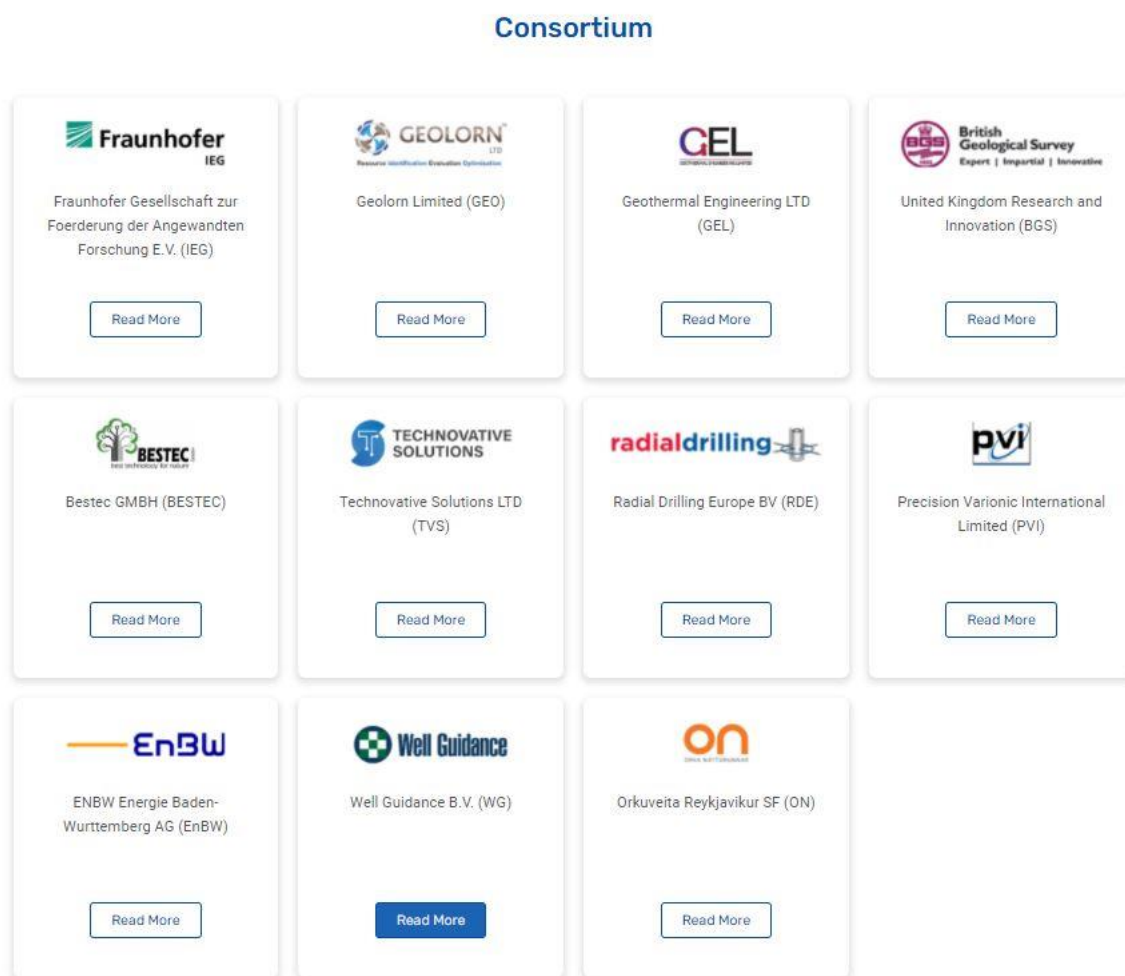


*Figure 6 Consortium details section*

## 3.5 Work packages

"Work packages" page presents all WP. No, name, WP leader, list of tasks and list of deliverables under each WPs of the project, as is shown in Figure 7.
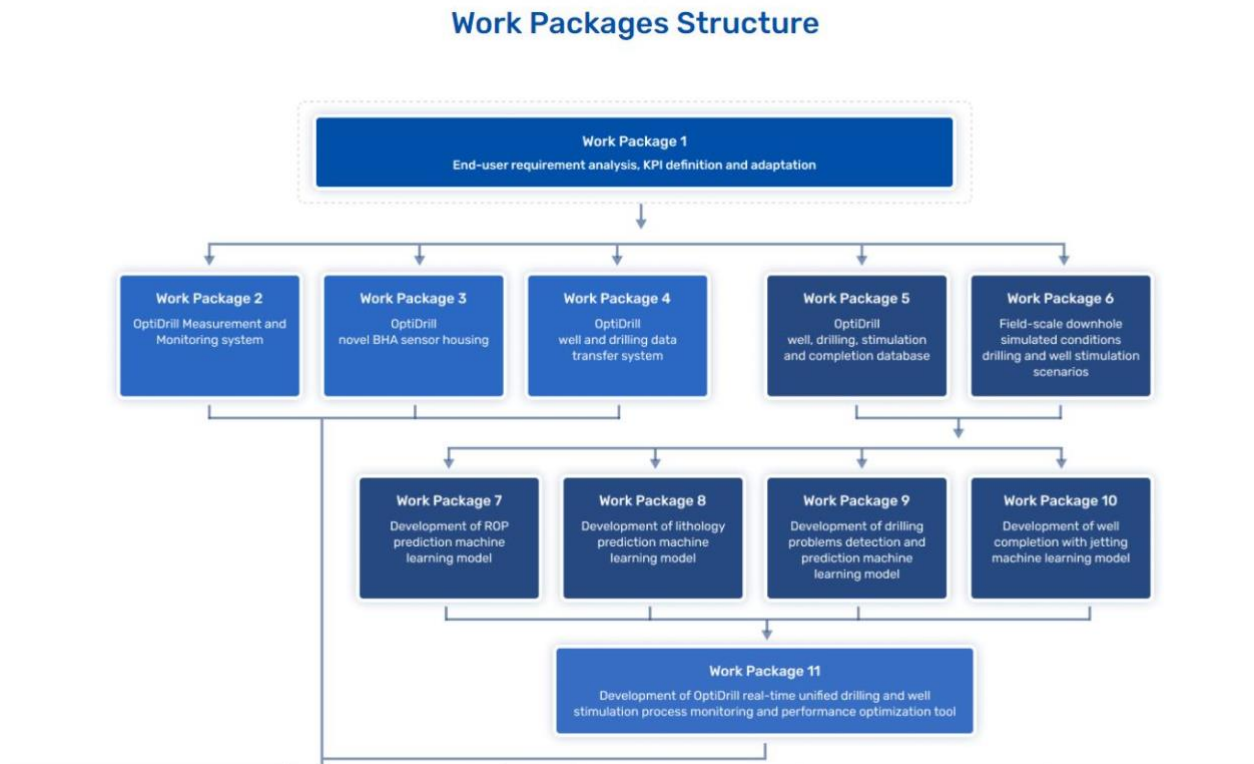


*Figure 7 Work packages section*

## 3.6 Management structure

"Management structure" page presents activities such as WP allocation, coordination, and supervision that are directed towards the achievement of the project objectives.
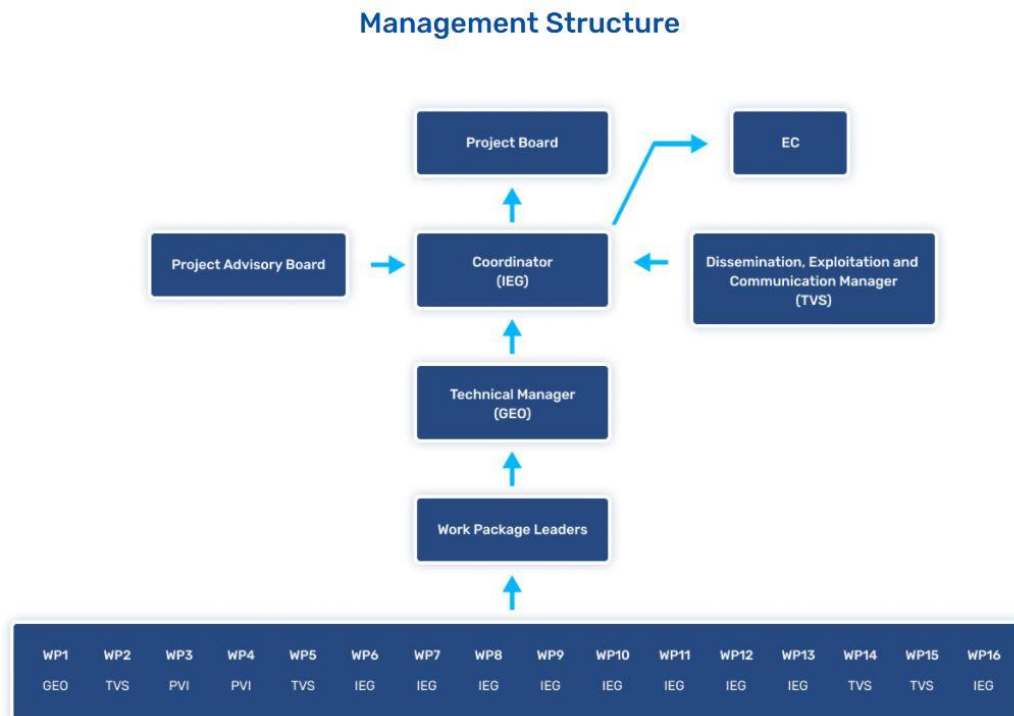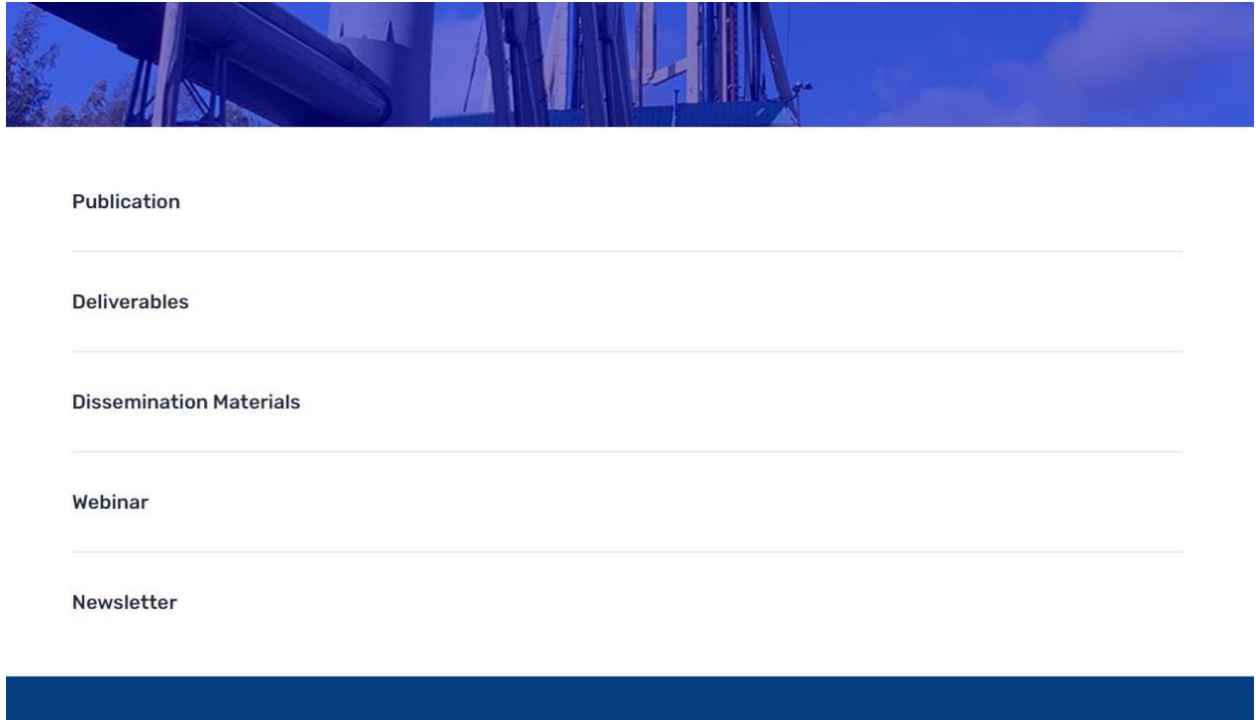


*Figure 8 Management structure section*

## 3.7    Repository

"Repository" page presents where all the upcoming submitted public Publications, Deliverables, Dissemination Materials, Webinars, and Newsletters will be published accordingly.



*Figure 9 Repository section*

## 3.8    News, Social media, and Newsletter subscription

"News, Social media, and Newsletter subscription" presents latest/upcoming news and events on the project.

There are no specific web pages for social media on the project website, but they can be accessed at

1. https://twitter.com/opti_drill
2. https://www.facebook.com/OptiDrill
3. https://www.linkedin.com/company/optidrill-project/

Also there are no specific web pages for newsletter subscription but there is a section to subscribe for newsletter on the homepage and footer of each page.
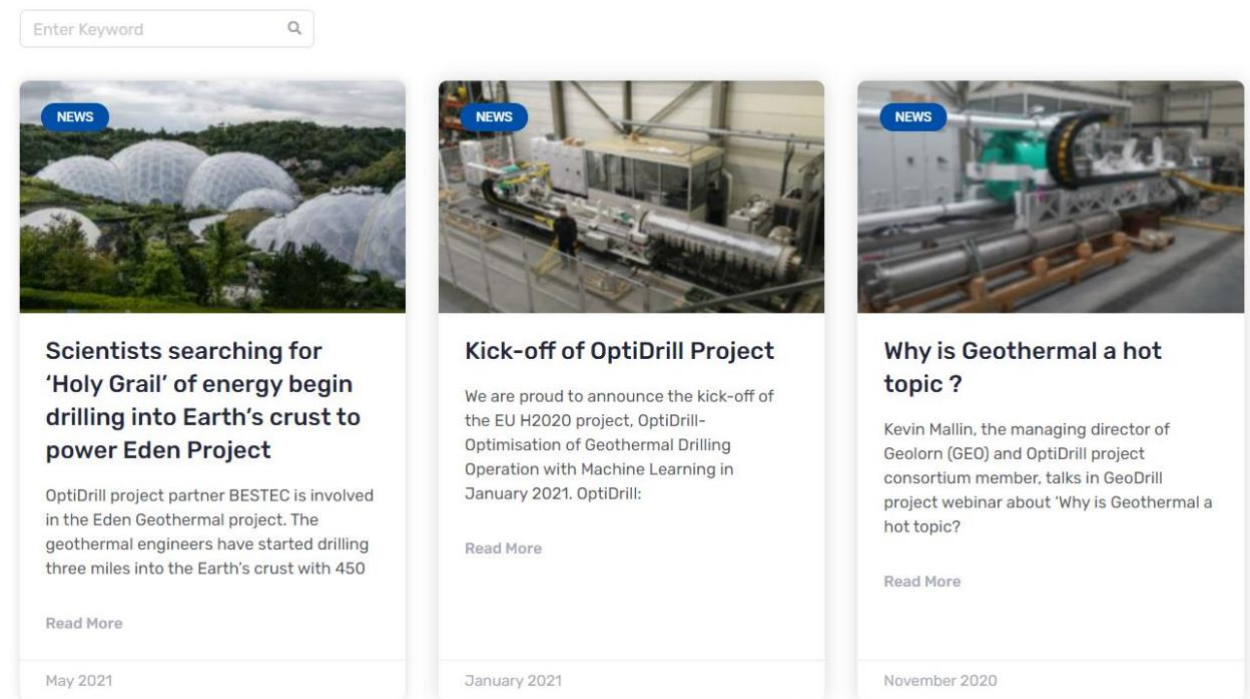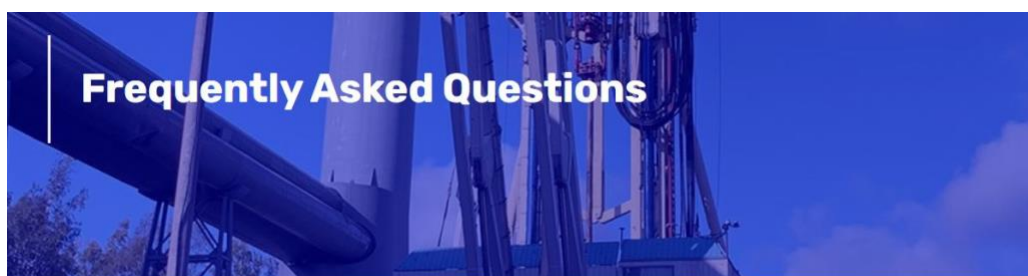


*Figure 10 News and events section*

## 3.9    FAQ's and Contact us page

"FAQ's and Contact us page" present, A FAQ page, short for Frequently Asked Questions, where important information about the project is shared to clarify different questions and uncertainties.

A contact us page, includes all the standard contact information like name of the project, location, email, and so forth.

Figure 11 FAQs section



Figure 12 Contact us page section

## 3.10  Cookies and other policies

Information about cookies and data collection can be found at "Privacy policy" page.

"Privacy policy" page present a statement or a legal document that states how the website collects, handles and processes data of its visitors. Privacy policy page can be accessed at https://www.optidrill.eu/privacy-policy/

"Terms and conditions" page present a statement or a legal document that sets the rules for wide audiences visiting the project website. Terms and conditions page can be accessed at https://www.optidrill.eu/terms-and-conditions/



We use cookies on our website to give you the most relevant experience by remembering your preferences and repeat visits. By clicking "Accept", you consent to the use of ALL the cookies. Privacy Overview     ACCEPT

*Figure 13Cookie's collection warning*
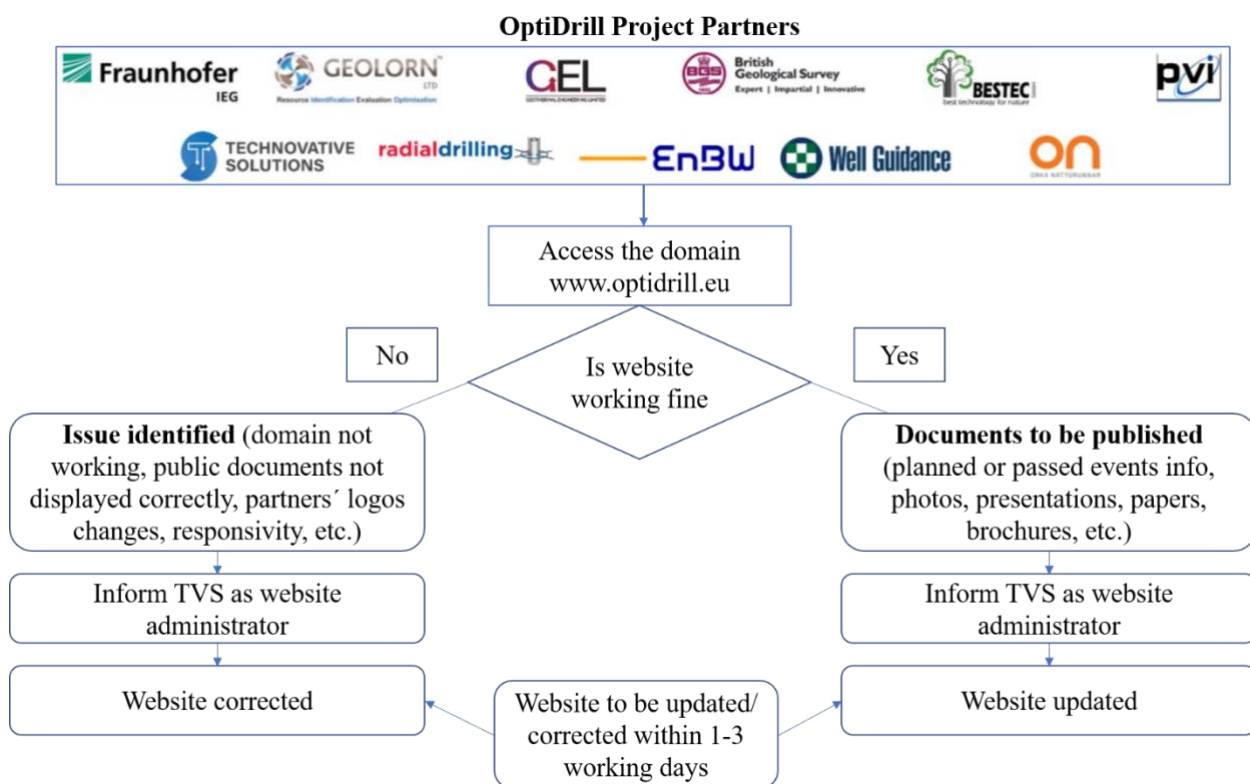
## 3.11 Working with the website



*Figure 14 Working with the website Schema*

# 4. Future Development

Short term development of the website under consideration at the time of deliverable writing include:

- monitoring website statistics (new visitors, return visitors, languages, countries of origin, etc.)
- update of website content based on project progress monthly (and on demand when it is needed), mostly in the section "News & Events", "Publications" and "Webinars"

According to the European Commission the website will be running up to 5 years after the project finishes. Long-term development of the website will include:

- Adding a short video introducing the project
- Adding a "Demonstration" page where the further details about the demo-sites and their progress will be presented
- Adding the "Cluster projects" page where the other projects related to the same topic will be shown

# 5. Conclusions and Recommendations

The OptiDrill website is a key aspect of the project's dissemination strategy. The website will ensure the importance of the project, enable the dissemination of the project's results, and promote their exploitation. An initial version of the OptiDrill has been designed, developed, and deployed on the Internet.

The project website and social media channels will constantly update and develop as the project itself grows. The information included on the project website is likely to be useful even after the project is completed. Therefore, the consortium intends at ensuring that the website will continue to exist once the project is done, and all the published URLs will continue to function.