# Internship Project Proposal

# Improving user experience of EGDI Website

## 1. Introduction

The Geological Service for Europe (GSEU – https://www.geologicalservice.eu/) is a European Union-funded project aimed at developing a European geological knowledge base and providing geoscientific information and knowledge to support policy and decision-making in various sectors. The project involves 48 partners from 35 countries and is funded by the European Union's Horizon 2020 research and innovation program. The GSEU aims to develop a digital platform that integrates geological data and information from various sources across Europe, facilitating access and use by policymakers, industry, and the public. The ultimate goal of the project is to contribute to the sustainable management of Earth resources and support the transition to a low-carbon, resource-efficient economy.

The core of GSEU's knowledge hub is the European Geological Data Infrastructure (EGDI – https://www.europe-geology.eu/): an online platform that provides access to geological data and services from various European geological surveys.
While the platform offers valuable information to a wide range of stakeholders, the current interface may not be as user-friendly and clear as it could be.

## 2. Objectives

The objective of this project is to improve the user experience of the EGDI website, making it more accessible, intuitive, and appealing to a broader audience.
Specifically, the project will aim to:

- Analyse the current EGDI interface, identifying areas that need improvement and potential design solutions to enhance the user experience
- Conduct user research to understand the needs, preferences, and pain points of EGDI's target audience, including geological experts, policymakers, and the general public
- Develop wireframes and prototypes of the new EGDI interface, incorporating design elements that prioritize usability, accessibility, and aesthetics
- Test and refine the new EGDI interface through usability testing and user feedback, ensuring that the final product is easy to use, intuitive, and engaging

## 3. Deliverables

- A report outlining the analysis of the current EGDI interface, design recommendations, and user research findings
- Wireframes and prototypes of the new EGDI interface, with detailed explanations of design decisions and justifications.
- Usability testing and user feedback results, with recommendations for final design refinements
- Final design files for the new EGDI interface, including visual design elements, layout, and user interface specifications.

## 4. Timeline

The project is expected to take approximately 6 months, depending on the scope and complexity of the final design solution. The timeline will be broken down into the following phases:

1. Research and Analysis (1-2 months)
- Conduct a thorough analysis of the current EGDI interface and user experience
- Conduct user research, including interviews, surveys, and usability testing
- Develop a design strategy and plan for improving the EGDI interface

2. Design Development (2-3 months)
- Develop wireframes and prototypes of the new EGDI interface
- Incorporate feedback from user research and stakeholder input
- Refine the design solution through iterative design and user testing

3. Final Deliverables (1 month)
- Finalize the design solution and produce detailed design files
- Present the design solution to stakeholders and EGDI team members
- Deliver all final design files and documentation to EGDI

## 5. Supervisors

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## 6. Contact

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