Data Science for Sustainable Construction Materials

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Cenvi – Cement for Environment

- Web-Based
- User friendly interaction with collected data
- Quick search through the data
- Built in Visualization function
Outline & Implementation

• Easy to use user interface
• Integrated Database
• Front-End: Angular
• Back-End: Django
• Database: PostgreSQL
User Interface
Functionalities

- Search
- Upload
- Visualization
- Comparison
Impact of Cenvi

• Supports the research progress by making data interaction easier

• Conclusions from the data can be drawn quicker, thus allowing for a more targeted approach

“Great things are not done by impulse but by a series of small things brought together”

- Vincent Van Gogh