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NEWSLETTER VOLUME 4

THE UMTMS PROJECT COMES TO AN END

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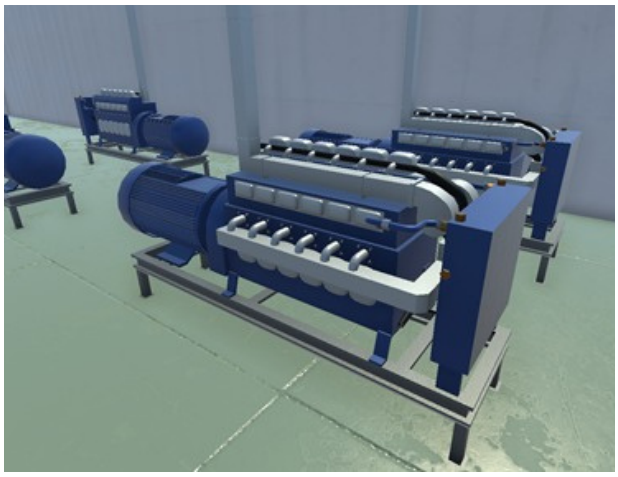
The Results

We are excited to announce the completion and finalization of our cutting-edge simulator, designed to provide an immersive and comprehensive learning experience. The simulator's engine room module covers essential subjects such as steam engines, steam turbines, internal combustion engines, gas turbines, heat exchangers, transfer and circulation systems, cleaning and filtering systems, as well as navigation and maneuvering auxiliary systems.

This innovative simulation incorporates both analog and digital circuit elements, including verification and filter circuits, regulation circuits, voltage multiplier circuits, measuring instruments, data logger sensors, and system testing tools commonly used in these machines. The platform is fully equipped to enable teachers to deliver practical training, allowing students to engage in hands-on project work and immediate assessments of their progress. The system also provides personalized learning paths, enabling teachers to monitor each student's individual pace and address any deficiencies in real-time.



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In parallel with the technical development of the project, dissemination activities were successfully carried out by all project partners. Each institution organized small training conferences attended by at least 20 participants, further spreading awareness of the simulator's capabilities and practical applications. This events were useful to disseminate the results and to further expand the impact of the project activities, reaching a wider audience and important stakeholders.

The Final Meeting

Thank you to everyone for your hard work and dedication to the success of this project. We look forward hearing your experiences and insights. It has been a pleasure working and developing a simualtor that support the applied education part of vocational education that is missing in the distance education process and enable learners to learn by doing and practicing.

Follow us!

UMTMS Project

www.umtms.com

The Partners