



MultiRELOAD Newsletter 2025 SUMMER

In the recent months, MultiRELOAD has reached new milestones in showcasing innovative solutions for inland logistics.

A major highlight is the release of two new short films, offering a close-up view of how our demonstrators bring automation and predictive maintenance to life in terminal operations. Alongside these developments, the project has continued to explore smarter container transport via inland waterways, from bulk innovations on the Danube to digital twin applications. With several new use cases, event contributions, and demonstrator updates, MultiRELOAD is steadily moving from pilot to practice.



From data to action: Watch how MultiRELOAD demonstrators transform terminal operations



We are excited to share two brand-new short films showcasing the MultiRELOAD project's innovative demonstrators – developed to bring smarter, more sustainable operations to inland terminals.

These two digital solutions focus on automation and predictive maintenance, helping port operators boost efficiency, reduce costs, and pave the way for future-ready logistics.

[Read more](#)

Can containerized inland waterway transport meet the demands of modern supply chains?



At [transport logistic 2025](#), [ALICE](#) and the MultiRELOAD project hosted a lively session exploring how containerized IWT solutions are transforming bulk logistics, making it greener, smarter, and more customer-centric.

What's new?

[Read more](#)

MultiRELOAD Demonstrator: Precision Positioning for Smarter Terminal Operation



Led by [ASE GmbH](#), MultiRELOAD's Demonstrator #B1 is advancing the future of logistics by enabling precise and complete positioning of loading units using GNSS coordinates. Designed to improve operational accuracy, optimize terminal workflows, and offer a scalable, transferable solution, the project is making steady progress through important technical and organizational milestones.

[Read more](#)

Boosting Inland Terminal Efficiency through Smart Automation



We are proud to announce that our innovative solution introduced below, was recently showcased by [ALICE](#) at Transport Logistic 2025 Munich. What's this innovation about?

[Read more](#)

Innovation afloat – Exploring containerized bulk transport on the Danube



On 8 May, Herfried Leitner representing [TTS](#) (Transport Trade Services) GmbH, held an insightful presentation on "Rethinking the Supply Chain with Inland Vessels – Multimodal Innovation on the Danube" at the BAW-/DST-/INAM-Kolloquium in Karlsruhe.

[Read more](#)

Digital Twins for smarter waterways – MultiRELOAD at ALICE Workshop

On 10 April 2025, MultiRELOAD was represented at the workshop "Advancing Inland Waterways with Digital Twins", hosted by our project partner, [ALICE](#).



[Read more](#)

Driving innovation: from demonstrator to real-world logistics solutions



Last week, we conducted a two-day workshop at the University of Applied Sciences Upper Austria. We have kicked off the work on the scientific examination of the (upscaled) demonstrator "Transporting Bulk Cargo in Multimodal Containers" by means of a logistics simulation in order to understand the system behavior of the envisioned service better, to examine different scenarios, e.g., different service concepts, different routes and ports, different vessel types, etc., and, thereby, have a profound decision-support when moving from demonstration over prototypical implementation to commercial roll-out of the new multimodal transport service.

[Read more](#)

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