



Hybrid Technology Success Stories: Balfour Beatty Validates the Effectiveness of Gradual Transition to Green Transport

Posted on 15.Nov 2024

Picture: Balfour Beatty

As Hybrid Alliance, we continuously monitor successful implementations of hybrid technologies. Today we're sharing a significant case from construction giant Balfour Beatty that proves the validity of our approach to heavy transport decarbonization.

The company has unveiled a retrofit system for converting heavy machinery to hybrid hydrogen technology. The results validate what we've always advocated for:

- Real CO2 emission reduction of up to 26% achievable today
- Practicality through dual power source (diesel + hydrogen)

- Usage flexibility – ability to operate in “diesel-only” mode when needed
- Immediate implementation readiness without waiting for full infrastructure development

The project perfectly illustrates Hybrid Alliance’s core principle: hybrid technologies are not a compromise but a smart pathway to a sustainable future through gradual transition and practical solutions.

In collaboration with Logan Energy, they’re developing mobile refueling solutions – crucial for remote construction sites, demonstrating how hybrid technologies can bridge the gap between current infrastructure limitations and green ambitions.

Read more:

<https://www.constructionbriefing.com/news/balfour-beatty-unveils-hybrid-hydrogen-fitout-system-for-heavy-vehicles/8038794.article>