Revolutionizing Fuel Efficiency and Emissions Reduction

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MIAMI, FL.: decarbX, LLC announced the integration of real time fuel flow and oil quality measurement into its decarbonization platform for diesel powered machines. Through partnerships with IoT sensor providers, decarbX now combines physical fuel optimization with direct measurement and data analytics to accurately quantify fuel savings and greenhouse gas emissions reductions.

Many fleet and industrial operators rely on fuel data generated by factory installed engine systems such as J1939 CAN bus or engine control modules. These sources often carry meaningful accuracy limitations, making it difficult to reliably evaluate changes in fuel efficiency or emissions performance. decarbX addresses this gap by adding direct fuel measurement and verification, providing higher confidence in both operational results and sustainability reporting.

“Our customers need accurate data to make informed decisions,” said Sean Ogan, Chief Executive Officer of decarbX. “Relyance on factory engine data alone can introduce uncertainty. By pairing direct measurement with fuel optimization, we provide operators with clear and verifiable insight into fuel performance and emissions outcomes.

”Nitin Patankar, Director of MENA Markets, added, “This approach improves visibility, accountability, and decision making for customers working toward emissions reduction targets, while also delivering tangible operational benefits.”

About decarbX, LLC
decarbX develops intelligent decarbonization systems for diesel powered machines used in mining, logistics, marine, and infrastructure applications. The company partners with technology providers holding global patents related to fuel optimization and is preparing for initial customer deployments following successful field trials.

Media Contact:
info@decarbX.ai
@decarbX on **X**