



WE HAVE WHAT TOMORROW TAKES.

Let's work together to advance sustainability and achieve your ESG goals. Contact us to start a deeper conversation about the challenges you're facing and the Caterpillar solutions—existing and in development—that can help you address them.

©2022 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.
LEBM20868-02



**SUSTAINING OUR EFFORTS
FOR A BETTER TOMORROW.**

**CARBON REDUCTION. FUEL FLEXIBILITY.
OPERATIONAL EFFICIENCY. ELECTRIFICATION.**

INNOVATING + INTEGRATING

DRIVEN TO HELP YOU ACHIEVE
OPERATIONAL SUCCESS

At Caterpillar, we've been helping our customers solve big problems for nearly a century—innovating, integrating and tailoring solutions that **build a better, more sustainable world**. Your needs for the energy transition are no exception. Whether you're striving to reduce carbon and fuel costs, increase fuel flexibility, move toward electrification or operate more efficiently and safely, you can count on us to help you achieve your goals.



HERE ARE JUST THREE EXAMPLES OF HOW WE'RE PUTTING OUR EXPERIENCE TO WORK TO TAKE ON DECARBONIZATION CHALLENGES ON THE WATER:

▶ LOWERING YOUR CARBON FOOTPRINT

THROUGH FUEL FLEXIBILITY



EMISSION REDUCTION SOLUTIONS WITH RENEWABLES & BIOFUELS

- Immediate carbon emission reduction through use of renewables & biofuels
- Investment in alternative fuel research
- Emissions upgrade solutions for existing fleets

▶ POWERING REDUCED EMISSIONS

WITH EFFICIENCY & RELIABILITY

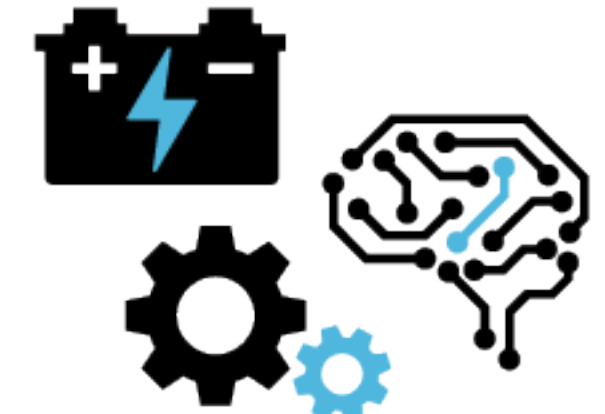


CURRENT EMISSIONS REGULATIONS & FUTURE STANDARDS

- Flexible and configurable SCR systems for ease of installation
- SCR systems designed to benefit uptime, time between overhauls and total cost of ownership
- Integral Caterpillar control system for simple diagnostics and service

▶ PROVIDING HYBRID FLEXIBILITY

THAT INTEGRATES CONVENTIONAL & LOW-CARBON POWER



INTEGRATED POWER SYSTEMS

- Hybrid solutions integrate engines, generator sets and energy storage
- Intelligent controls enable seamless use of onboard power sources
- Scalable options to support a wide range of propulsion and power generation applications