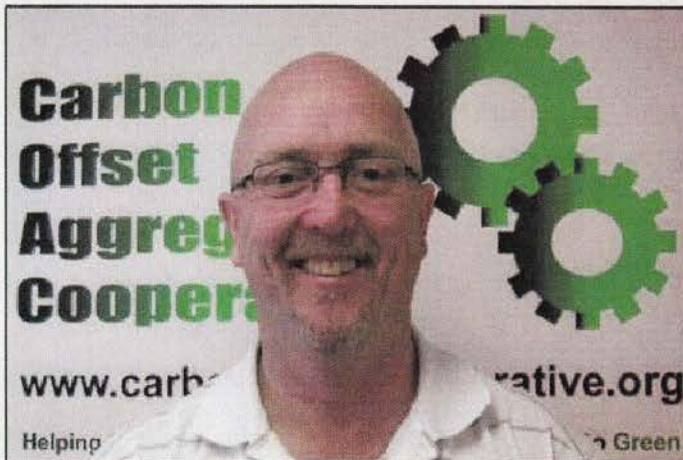


COAC and FMS team up to help “Dirty Industries” become cleaner and greener.



The Carbon Offset Aggregation Cooperative (COAC), a Canadian organization, is poised to help heavy industrial, diesel burning equipment owners and operators around the globe, generate new income while reducing emissions that affect climate change. An average piece of heavy equipment consuming 70,000 litres of diesel per year emits over 220 tons of Carbon equivalents. We cannot help but acknowledge why our resource industries are deemed “dirty”. The program offered by the cooperative includes the installation of non-intrusive equipment combined with operator awareness sessions and exception reporting. COAC members that operate fleets of trucks and heavy equipment will have their fuel efficiency improvements monitored continuously via the Iridium global satellite system. Monitoring and tamper-resistant data archiving, both provided by Fleet Management Solutions Inc. (FMS), a leader in advanced telematics, will give COAC and its members the proof they need to sell their carbon reductions, called offsets — delivering bottom-line value that’s also “priceless to the environment.” says COAC CEO George Stedeford.

Validating carbon offsets isn’t easy. Governments and organizations set stringent standards for what counts as a true offset. COAC has developed first of their kind protocols for the calculation and validation of carbon offsets in trucks and heavy equipment, and has applied for international recognition. Meanwhile, British Columbia has approved a COAC protocol, enabling the organization to complete the signing of an agreement to sell carbon offsets generated by COAC members — turning data into dollars.

For its protocols to be accepted, COAC had to find a way to measure and continuously monitor carbon emissions, even when vehicles are located in the most remote areas. Enter FMS. Unlike conventional monitoring solutions, FMS transmits data from each vehicle via the Iridium global satellite system, which covers just about every point on earth. FMS captures some 100 types of information from each vehicle—from engine diagnostics to operator behaviours such as idling, acceleration, momentum and engine load. “We selected FMS as our supplier of choice to provide equipment and services for data capture, transmission and reporting and we are very happy to be partnering with them in this business endeavour. FMS brings years of experience in this area and a team of developers that were very keen to work on the development of our algorithms that capture operator behaviours that may lead to increased fuel consumption,” says Stedeford.

Members enjoy an even greater financial boost because carbon reductions are achieved by increasing fuel efficiency by an average 10%. Resulting fuel cost savings add thousands of dollars annually to each vehicle’s bottom line while keeping tonnes of excess carbon out of the atmosphere.

COAC members can potentially achieve even greater cost savings and competitive advantages by opting for FMS’ comprehensive, GPS-based, Fleet Director Global. In addition to carbon-focused fuel efficiency monitoring, this integrated solution provides an array of mobile resource management tools. Results include greater efficiencies and security. Fleet managers can pinpoint each asset’s location and status, regardless of geography or topography, anytime, anywhere 24/7/365.

For now, COAC is set to make history: members’ FMS-furnished trucks and equipment will soon be active, generating validated carbon offsets for the first time anywhere—part of the free market’s emerging solutions to help mitigate greenhouse gases and thus global warming.

- COAC/FMS Calgary Sun Article

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