

## Navistar Builds a Foundation for the Future with MetricsTrac

<b>PROJECT</b>	GHG INVENTORY GENERATION
<b>LOCATION</b>	ILLINOIS, USA
<b>INDUSTRY</b>	MANUFACTURING
<b>SERVICES</b>	CONSULTING, PROGRAM MANAGEMENT, METRICSTRAC, BPO
<b>WEBSITE</b>	NAVISTAR.COM

## THE CHALLENGE

Effectively collecting data on greenhouse gas (GHG) emissions has advantages for any organization, ensuring transparency to key stakeholders such as investors and customers, and helping build trust in their products and brands. It allows for more effective decision making and use of resources, and can result in improved sustainability performance, helping organizations play a part in improving conditions for the natural environment and local communities. To be effective, GHG inventories require exceptional detail, and collecting manual data is very time and resource intensive.

Navistar, a leading manufacturer of commercial trucks, buses, defense vehicles, and engines, needed to put together a comprehensive annual inventory of their GHG emissions data to help better understand and manage their environmental footprint. They were seeking software, Business Process Outsourcing (BPO), and professional services to help automate the collection of their GHG emissions data, with the ultimate objective of improving the effectiveness of their energy and emissions management. Navistar's data stretched back nine years, and they were concerned that manual collection of such a large amount of data would result in errors. As a dynamic company, whose operational processes undergo regular change, they needed an adaptive and automated solution.

## OUR SOLUTION

MetricsTrac, an ADEC Innovation, is a highly scalable, customizable, and robust software-as-a-service (SaaS) that helps organizations and communities reduce their operational costs while improving their sustainability performance. MetricsTrac integrates data collected from multiple sources and stored in multiple formats into a single database, allowing for seamless aggregation and analysis.

ADEC Innovations guided Navistar in the development of two GHG inventories in MetricsTrac, for 2016 and 2017. Navistar is continuing to work with ADEC Innovations to recreate historic inventories using GHG data dating back to Navistar's 2008 baseline.

To support GHG inventory generation, ADEC Innovations is also providing audit preparation, improvement reporting, and inventory evaluation.

These products and services have allowed Navistar to track changes in their energy use and GHG emissions to better understand and manage their environmental footprint. MetricsTrac produces fully detailed custom reports which Navistar can use in its CDP submissions, internal sustainability reports, and responses to other evaluation standards.

*"MetricsTrac is a fully functional system that is easy to use. In the past, onboarding of different systems took much more time and effort."*

**Jack Shih,**  
Chief Engineer, Environmental and Energy Affairs, Navistar

## THE ADEC INNOVATIONS ADVANTAGE

MetricsTrac's customizability, flexibility, and consistency are an effective solution to the challenges of collecting and managing Navistar's GHG emissions data. MetricsTrac has completely automated Navistar's data collection system, providing a consistently accurate database that Navistar can feel confident in and a benchmark that Navistar can use to grow from. MetricsTrac also facilitates modeling changes to emission factors and other parameters, allowing Navistar to explore different avenues for emissions management in future years.

ADEC Innovations takes a full-service approach to every project, offering industry expertise, support, and guidance to complement software solutions. As a result, Navistar's Environmental and Energy Affairs staff were able to focus their efforts on other projects, reducing staff costs and improving operational efficiency in the department.

## DELIVERABLES AND RESULTS

Complete GHG inventories for 2016 and 2017

Annual historic inventories dating back to 2008

Single database of all GHG data

Fully detailed custom reports for use in CDP submissions and other reporting

Reduced staff costs and improved operational efficiency in Navistar's Environmental and Energy Affairs department