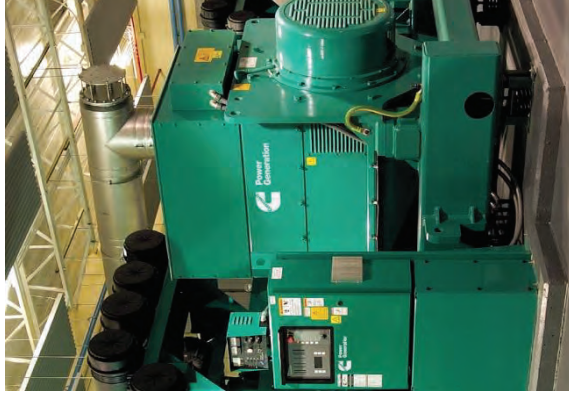
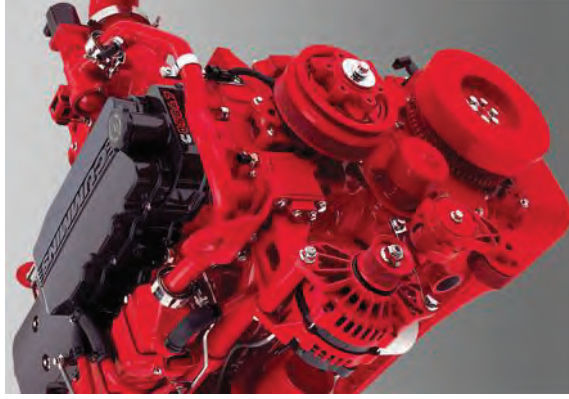


Cummins Inc. A Programmatic Approach: *Environmental Management and Sustainability*



Partners for Pollution Prevention

Alan Resnik and Todd Swingle, April 2014



Cummins Inc. – Vision and Mission



Vision

“Making people’s lives better by unleashing the power of Cummins.”

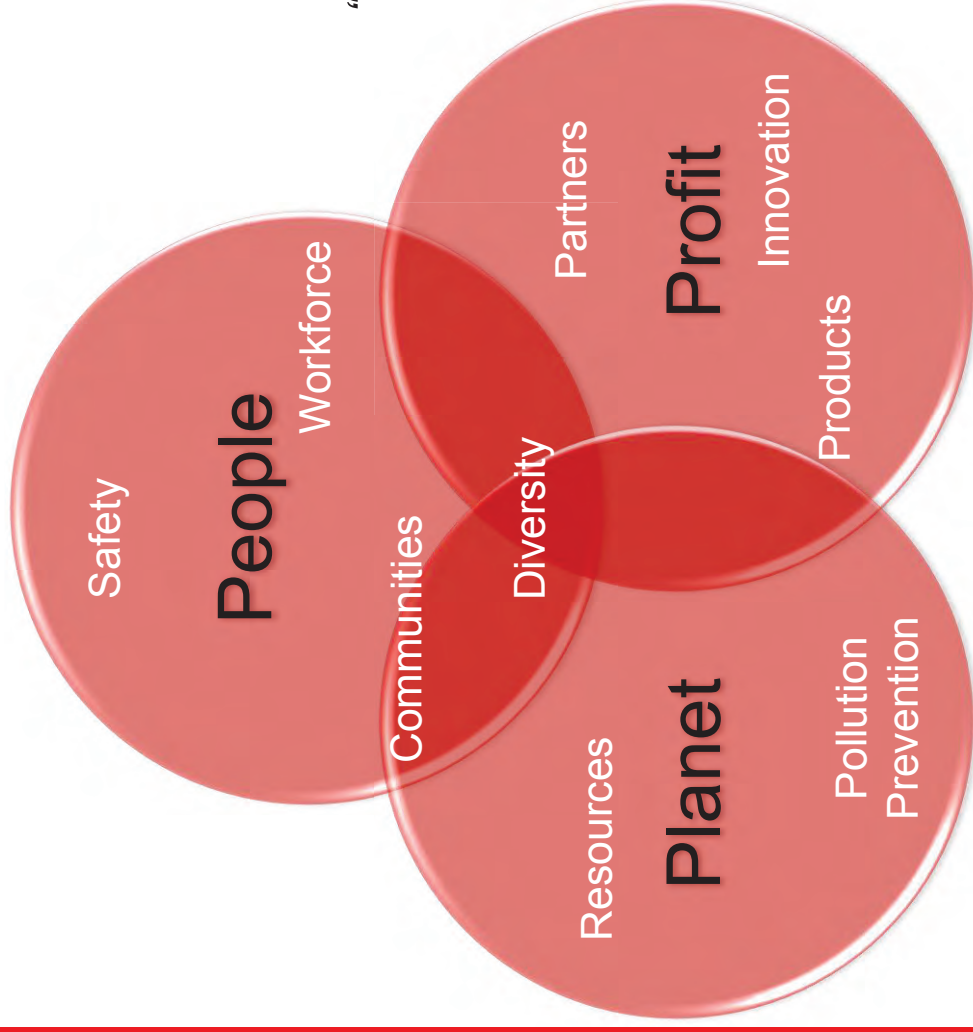
Mission

We unleash the power of Cummins by:

- Motivating people to act like owners, working together.
- Exceeding customer expectations by always being the first to market with the best products.
- Partnering with our customers to make sure they succeed.
- Demanding that everything we do leads to a cleaner, healthier, safer environment.
- Creating wealth for all stakeholders.



The Triple Bottom Line



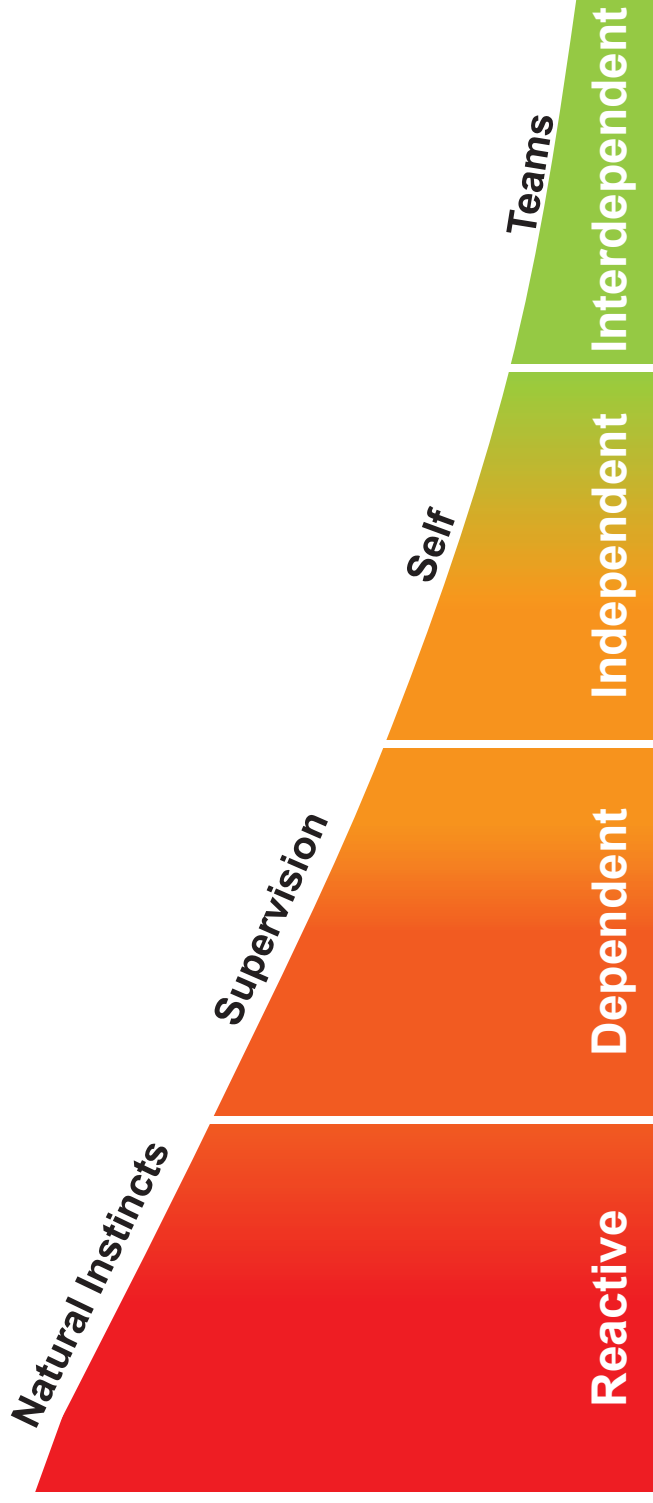
**CUMMINS RECOGNIZED
BY CHRYSLER AS
2012 SUSTAINABILITY
SUPPLIER OF THE YEAR**

*"We selected Cummins for the breadth
and depth of its sustainability
program, which covers all three areas
of the 'triple bottom line': people,
planet and profit,"*

**Greg Rose
Chrysler Group LLC
Director of Sustainability,
Environment, Health and Safety.**



The DuPont Bradley Curve

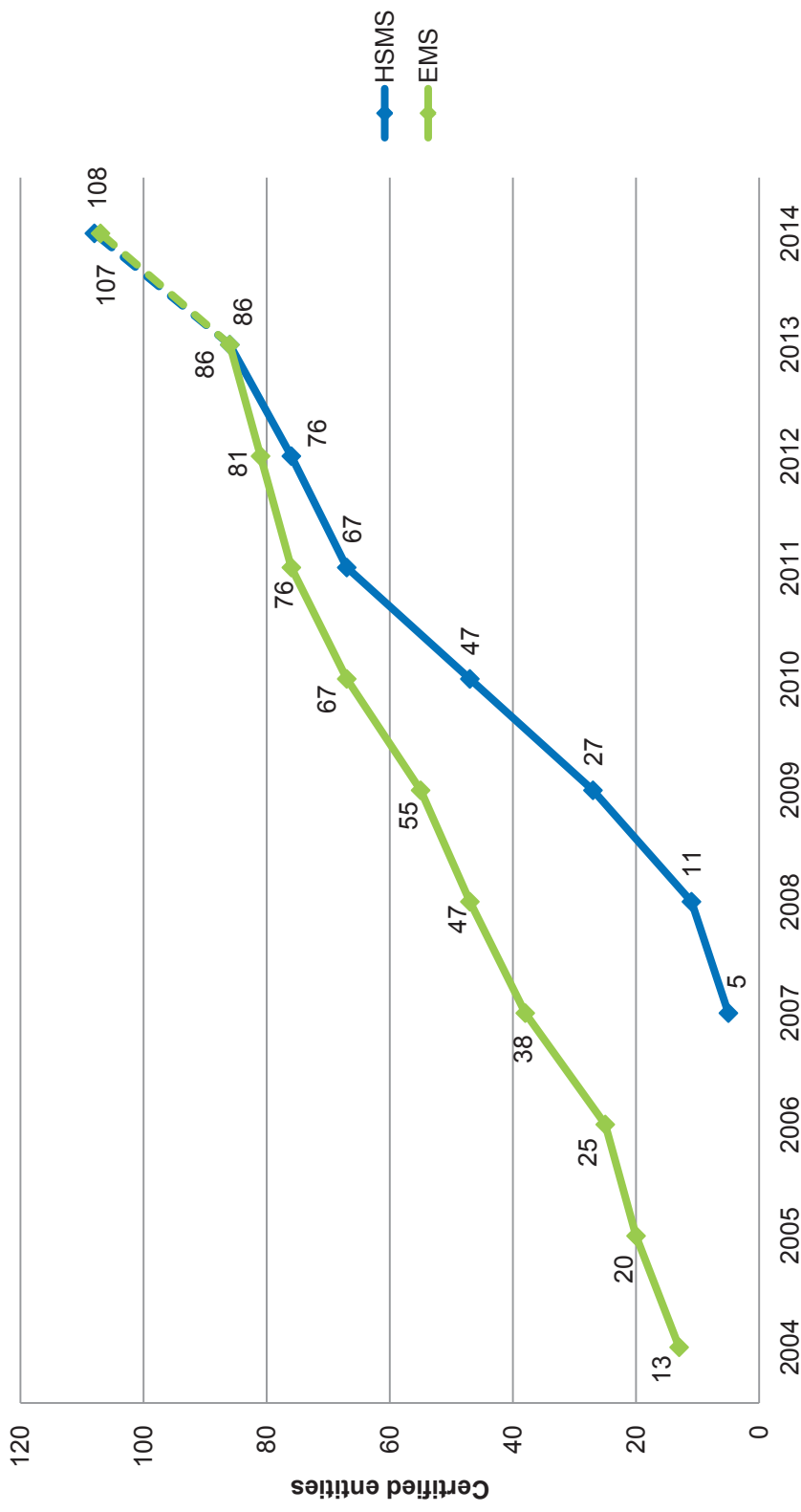


<http://www2.dupont.com/sustainable-solutions/en-us/dss/video/bradley-curve-video.html>



HSEMS Enterprise Growth

108 Entities Registered
202 Sites



Telling the Story

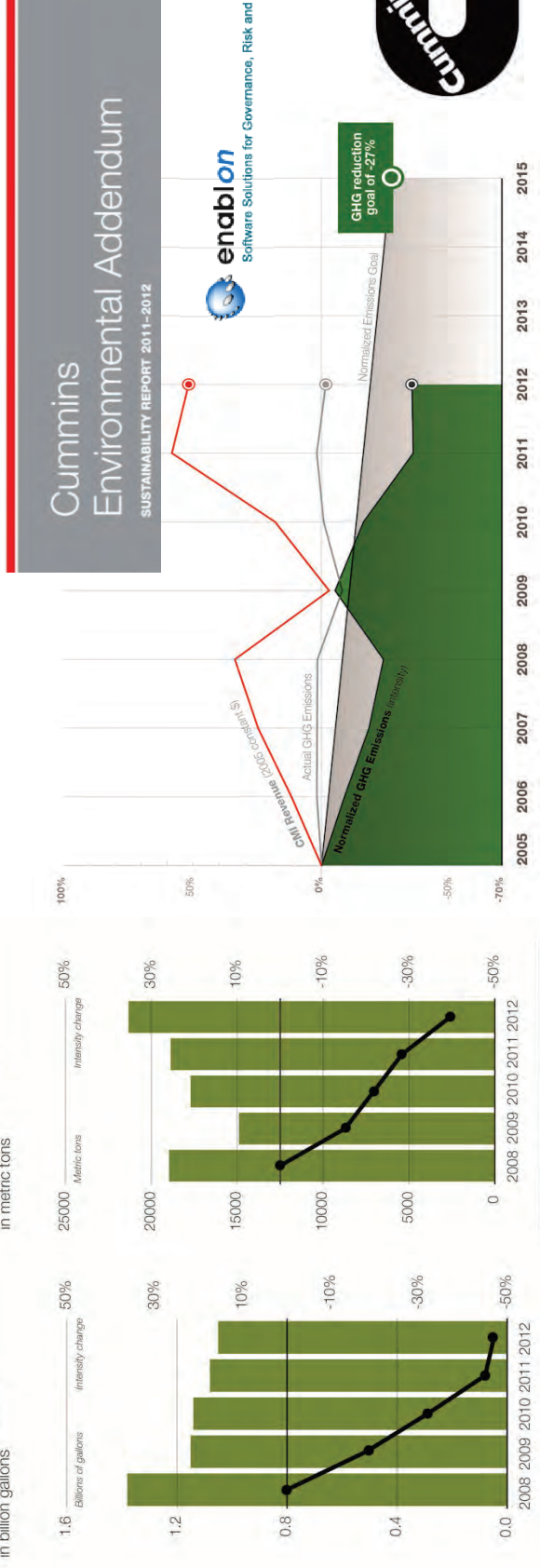
- 315 Reporting Sites
 - 66 Primary, 150 Calculated Indicators
- Understand CMI “footprint”
- Supports our 6-Sigma, Data Driven Culture
- Stakeholder Reporting
 - Sustainability Report
 - Dow Jones Sustainability Index
 - Carbon Disclosure Project
 - EPA Climate Leaders
 - U.S. Department of Energy
 - Carbon Reduction Commitment
 - Newsweek Green Companies



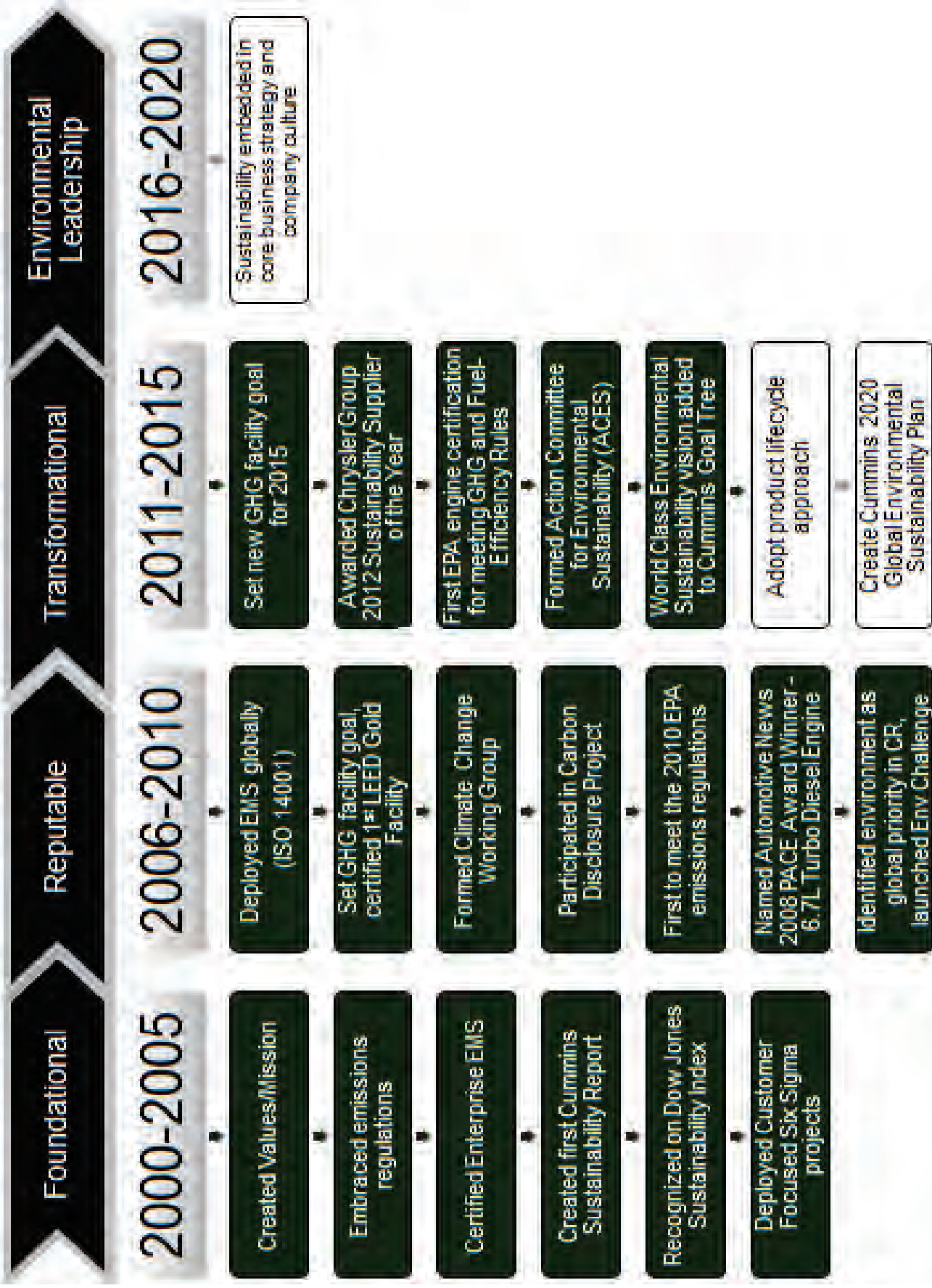
Innovative. Engaged. Sustainable.



And



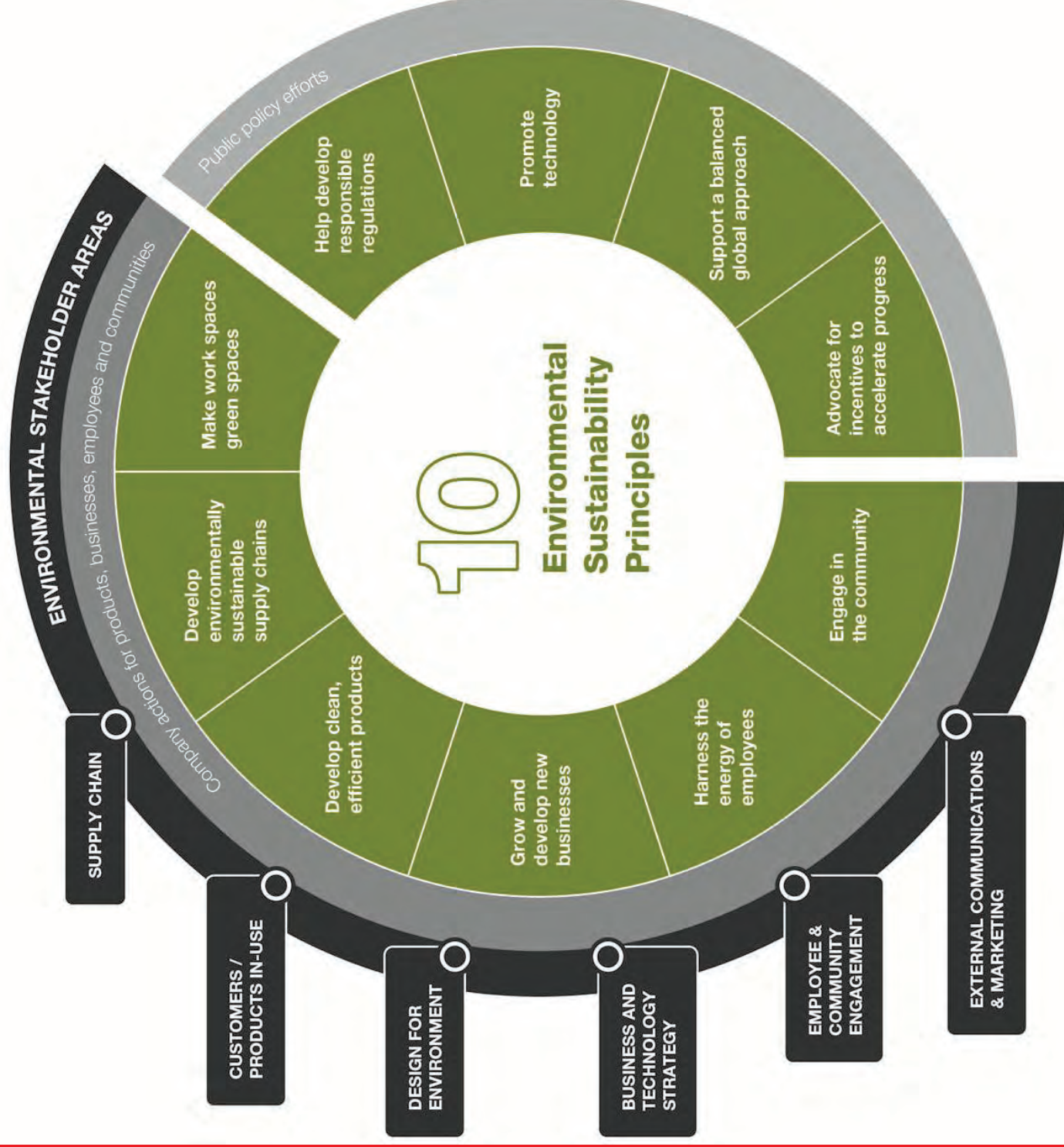
Cummins Environmental Sustainability Journey




A Legacy of Responsibility

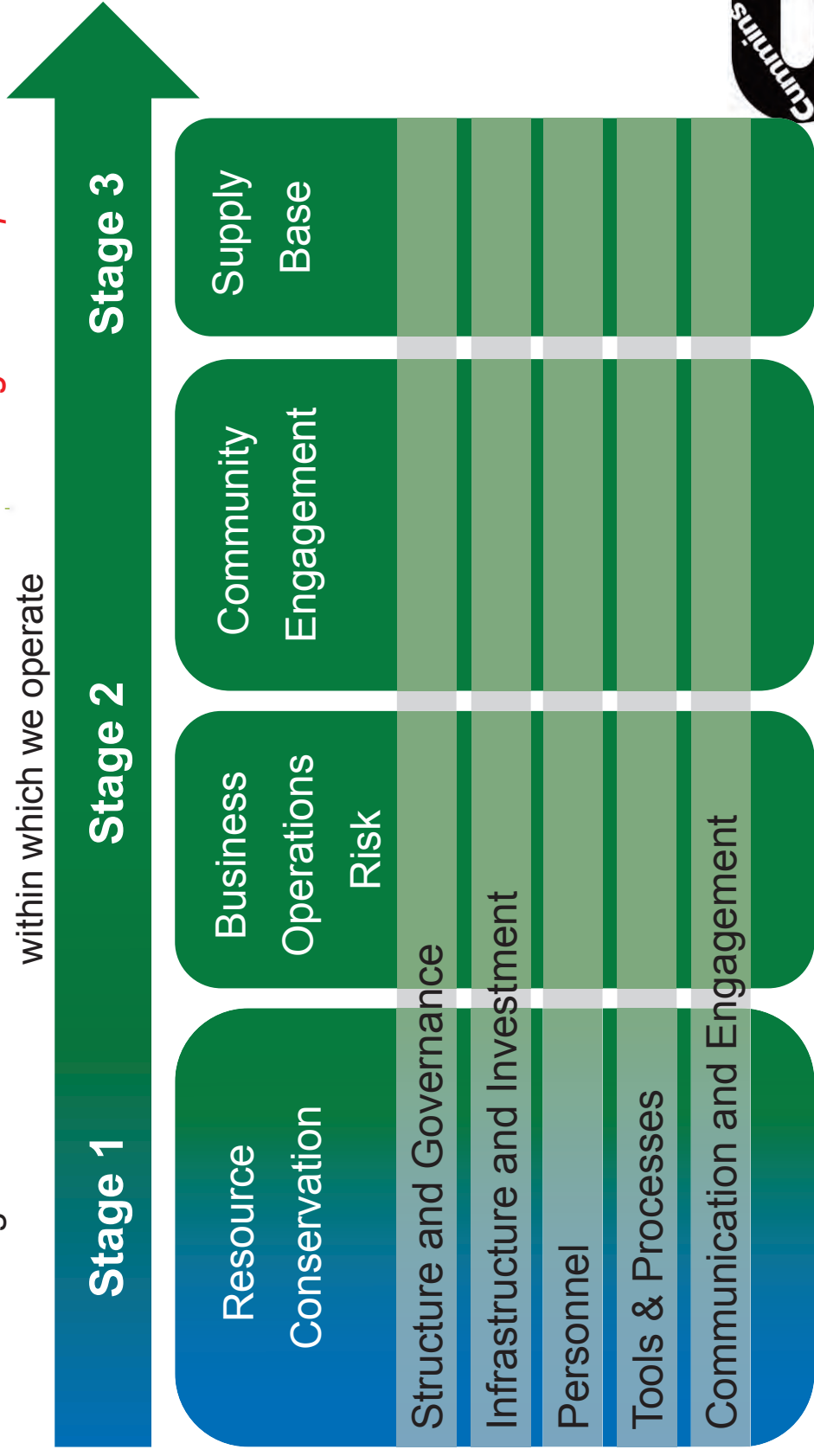
"... we believe that our survival in the very long run is as dependent upon responsible citizenship in our communities and the society, as it is on responsible technological, financial and production performance."

J. Irwin Miller,
former
chairman of
Cummins, 1972



Path for Sustainable Operations Maturity

How *our facilities* source, use & discharge resources *business and communities*  ur total value chain and *global footprint* within which we operate



At the Core of a Sustainable Supply Chain -

- Products that Fit the Market,
For Cummins and Chrysler this means:

- Power
- Durability
- Reliability

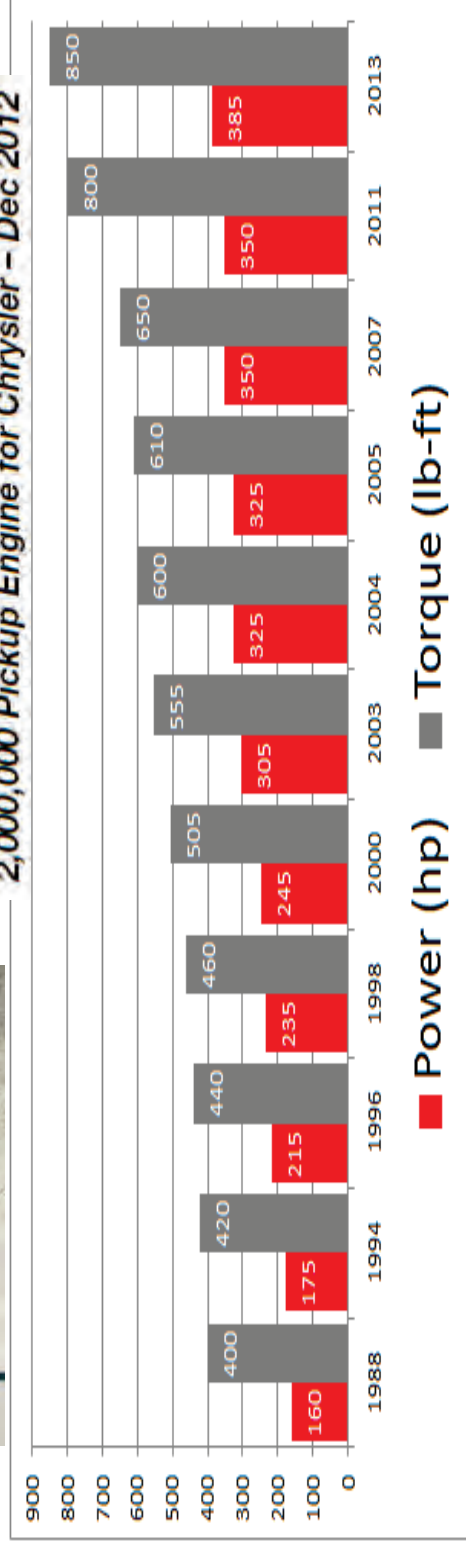
1989



2013



2,000,000 Pickup Engine for Chrysler - Dec 2012



Our Sustainability Vision is Looking to 2020 But Results With Cummins and Chrysler are 2013

- **Increased Towing and GCWR*** - **Improved Trip Efficiency**
 - Max Towing of 30,100 lbs.
 - Max GCWR of 37,600 lbs.
- **Torque – High Output 850 lb-ft (Pickup Only)***
 - 750lb-ft (Chassis Cab)
- **Oil Change interval – 15,000 miles (Doubled from 2012)*** - **Lower Waste Generation from Service Activities**
- Performance and durability improved with new cooling package
 - 25% more heat rejection
- Increases fuel economy +10% - **Lower energy use and GHGs**
- Smart exhaust brake
- B20 Biodiesel Capable – **Reduced Fossil Fuel Use**
- VGT Turbo with Integrated Exhaust Brake increases brake life by as much as 3 times.

* Denotes Best in Class * Environmental / Sustainability Highlights



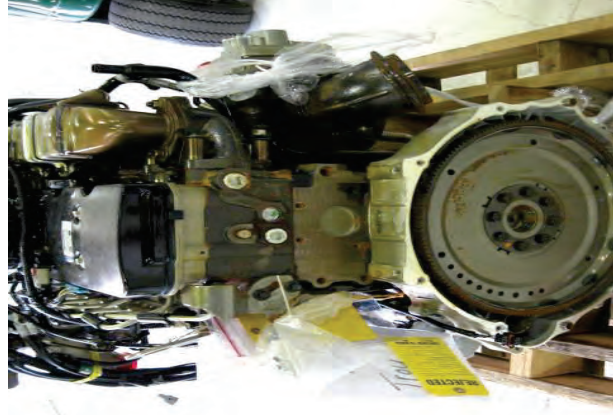
Cummins Midrange Engine Plant (CMEP)

Meaningful Results Aligning Product and Environment

- Transition from Paint to Rust Inhibitor
 - Improved Performance
 - Reduced Cost
 - Eliminated VOCs from Paint
 - Reduced Facility Status from LQG to SQG



Paint



KATS



**Post
Exposure
Testing
Results**

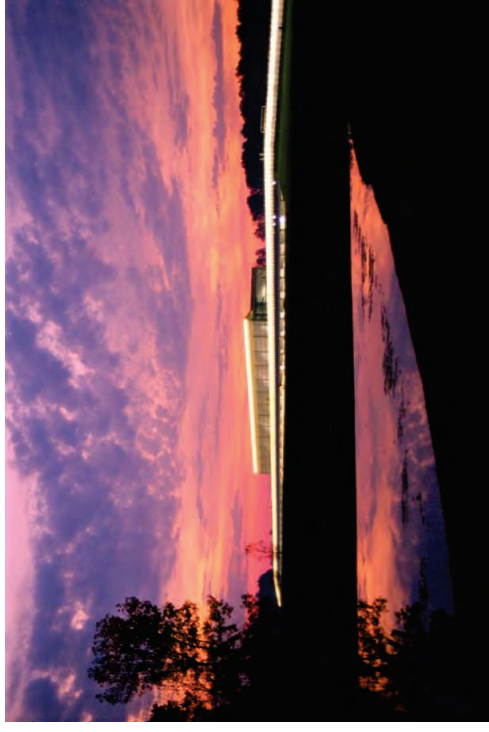


CMEP: Environmental Success

IDEM Governor's Award For Environmental Excellence, 2010

5 years of Excellence:

- Landfill Waste Reductions
 - Reduced 15.53 pounds per engine
 - 68% landfilled waste reduction avoiding 11,867 tons of buried waste
- Engine painting evolution from solvent-based, to clear coat, to rust preservative only
 - Less labor, materials, wastes and emissions
- Energy reduction projects resulting in
 - 8.2 million kWh reduction in electricity
 - 12 million cubic foot reduction in natural gas
 - Aggregate 18,649 ton carbon dioxide reduction



Cummins Inc.

ENVIRONMENTAL

Cummins was named to the **Dow Jones Sustainability Index** for the ninth consecutive year in 2012.

Named one of only 34 Greenbiz "Natural Capital Leaders" among 4000 largest global companies

Cummins #64 of the companies reviewed as part of **Newsweek's** environ. rankings of the **500 largest U.S. companies** in 2012.

GOVERNANCE ETHICS AND CORPORATE RESPONSIBILITY

Cummins was again named by **Corporate Responsibility** magazine in 2012 as one of the world's **100 Corporate Citizens**.

Diversity Inc. named Cummins to its list of the **Top 50**

Companies for diversity for a seventh consecutive year in 2013.

Cummins received a perfect rating for the eighth consecutive year from **Human Rights Campaign** in 2013.

Dow Jones Sustainability Indexes
Member 2012/13

