

Cummins and Sustainability

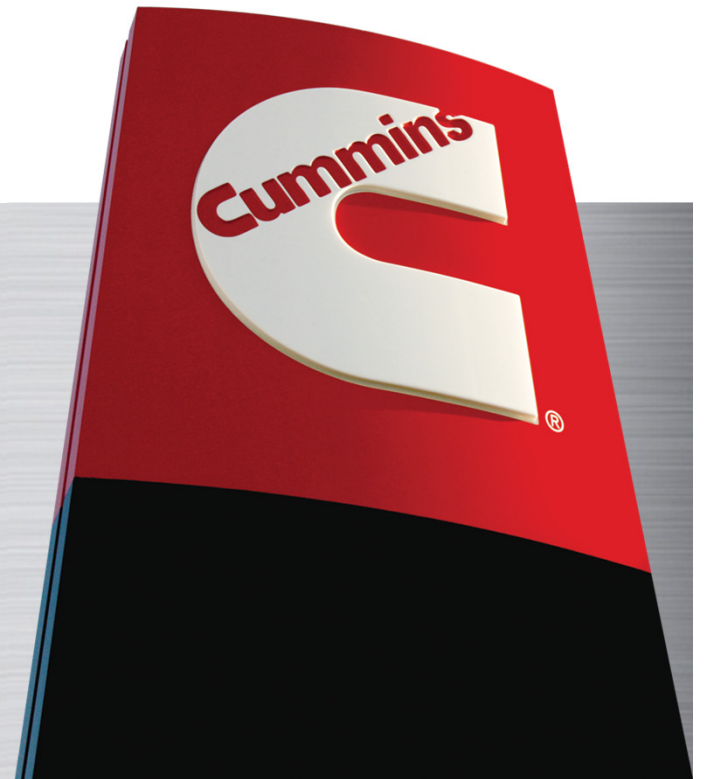
It's How We Do Business

Brian Mormino

Executive Director

Worldwide Environmental Strategy & Compliance

September 28, 2016

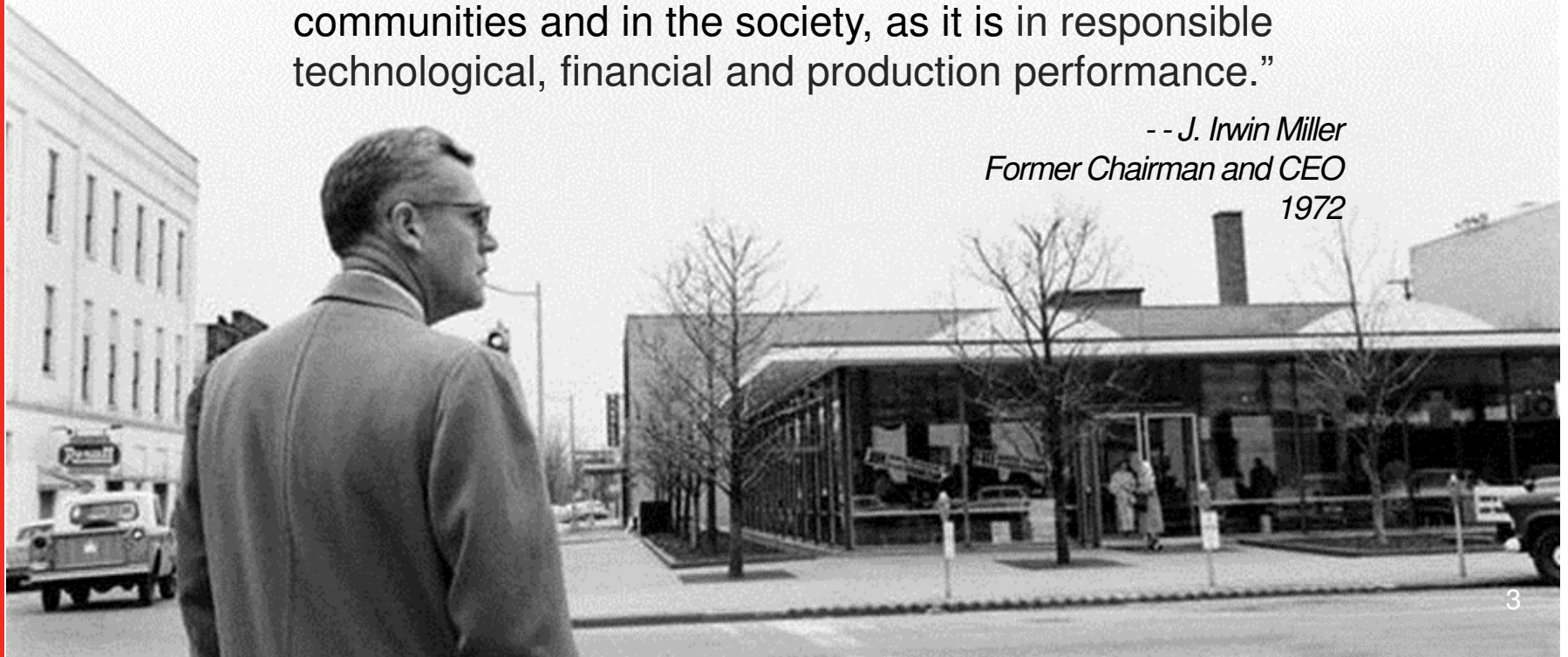




Cummins Legacy and Core Values

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

-- J. Irwin Miller
Former Chairman and CEO
1972



Cummins business presence



190+
Countries
and territories

154
Fortune
500 rank

1919
Founded &
headquartered
in Columbus,
Indiana

6
continents



55,000
Employees
worldwide

4

Business units &
global power
leader



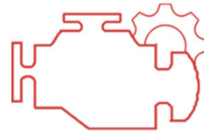
Sustainability

Powering a strong future for all through our



People

employee relations & engagement.
diversity. training and development.
health & safety.



Products

innovation. design for environment.
facility & ops environmental
management. in-use emissions.



Practices

governance. community engagement.
supply chain management. customer
experience. risk & crisis management

The Power of Cummins



Source



Manufacture



Transport



Use



Reuse



PRODUCT LIFECYCLE

35,000+
SUPPLIERS

450+
SITES

190+
COUNTRIES
600+
DISTRIBUTORS
6,500+
DEALERS

1,000,000
ENGINE SALES
ANNUALLY

15,000+
REMAN
ENGINES

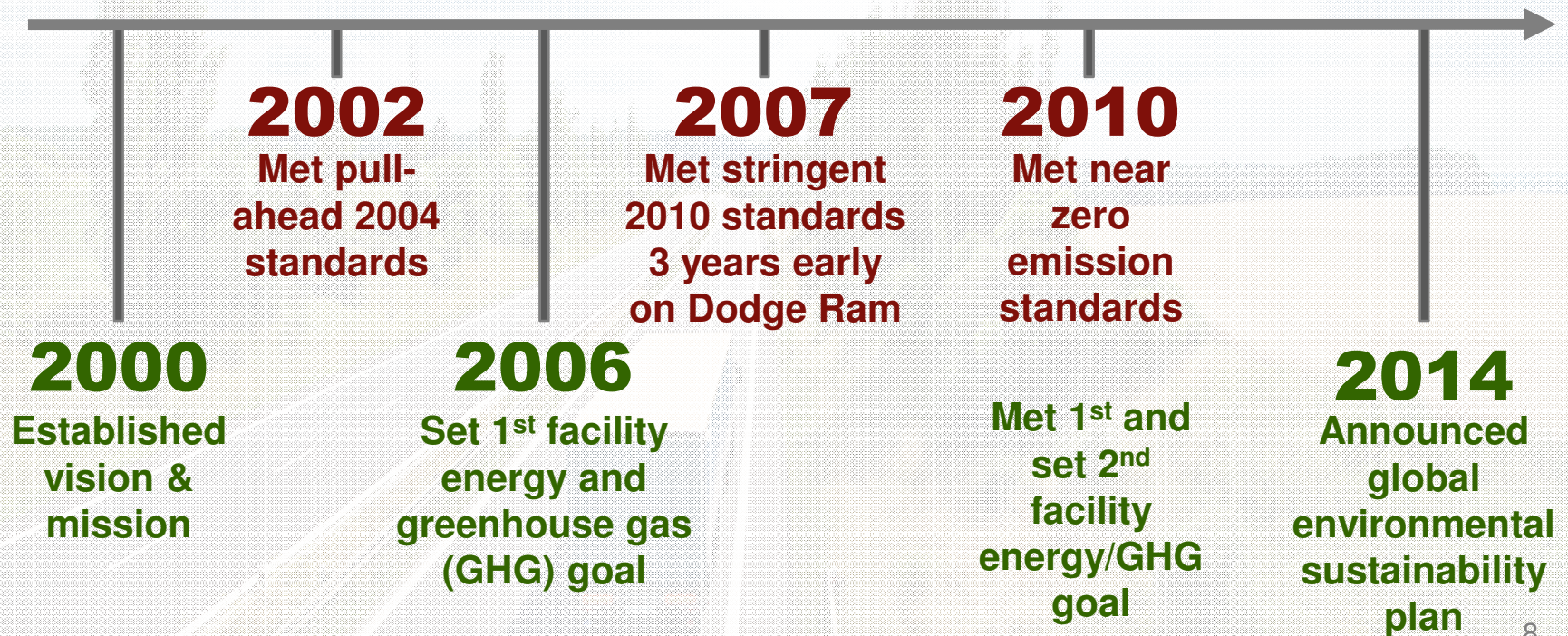
Fueled by 54,000 employees and meaningful public policy and stakeholder engagement.



“Cummins must be a catalyst for environmental sustainability action. Our vision and mission demand it, our business success depends on it, and the ingenuity and energy of our employees can make it happen.”

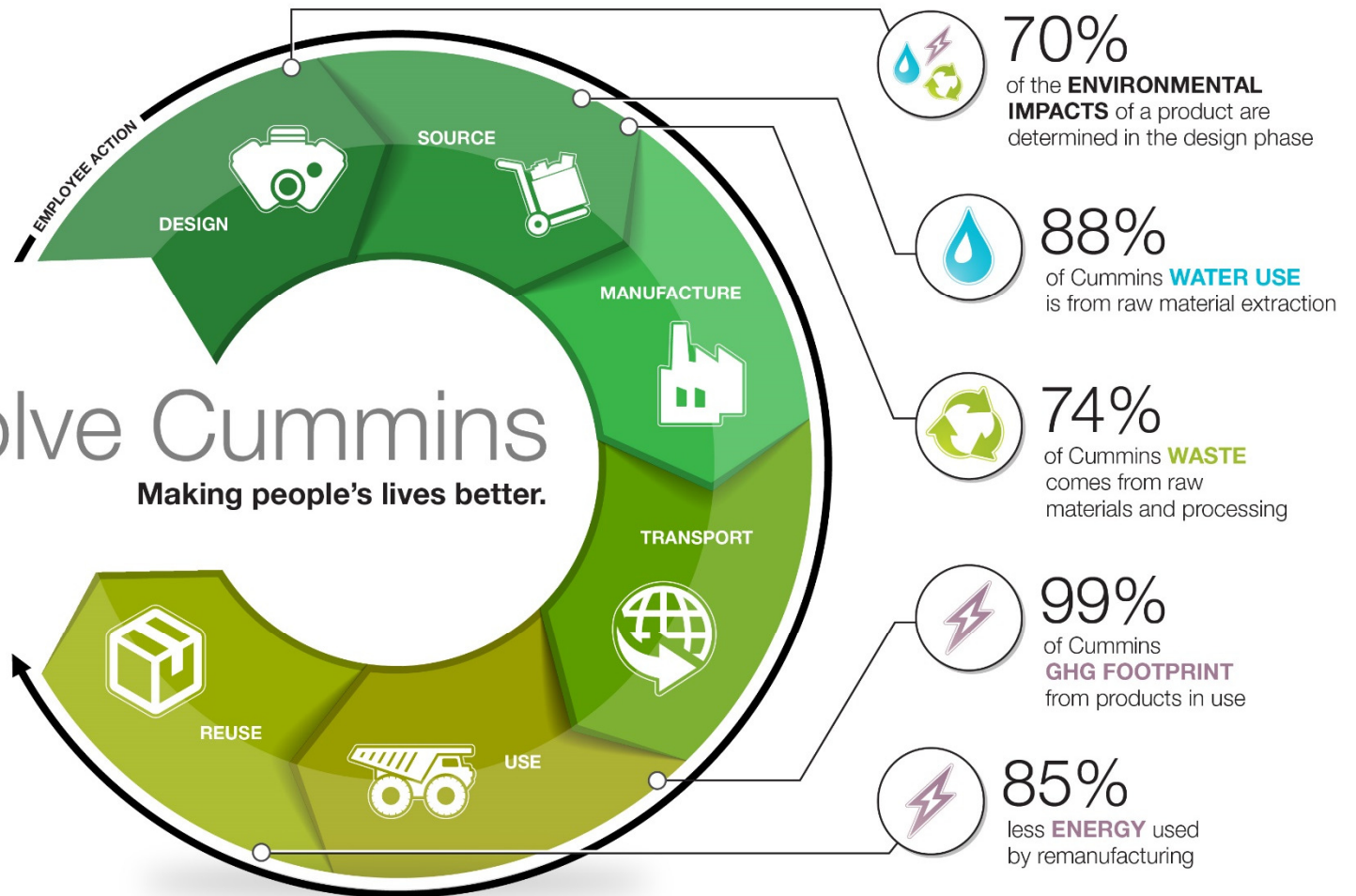
*--Tom Linebarger,
Chairman and CEO*

Our journey: building on product emissions, taking action across the product lifecycle, addressing the biggest impacts, setting targets and being transparent



Envolve Cummins

Making people's lives better.



Envolve Cummins Priorities

FOCUS

ACTION AREAS

Reducing our
carbon footprint.



New product fuel efficiency • facility GHG reduction • renewable energy • products in-use fuel efficiency • logistics • remanufacturing

Using fewer
natural resources.



Water reduction and neutrality • increased recycling • zero disposal • materials efficiency • packaging • advanced manufacturing

Partnering to solve
complex problems.



Customers • communities • suppliers • governments • NGOs • industry groups • universities



REDUCE ENERGY USE

2015 GOAL 25 PERCENT

2015 PROGRESS • 33 PERCENT



REDUCE FACILITY GHG EMISSIONS

2015 GOAL 27 PERCENT

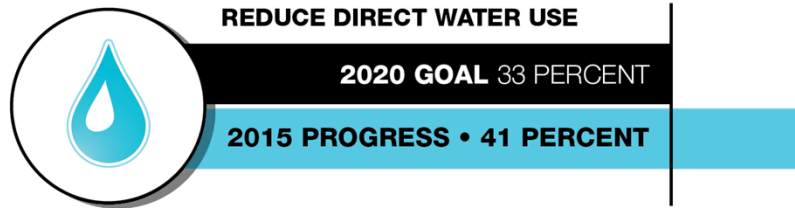
2015 PROGRESS • 36 PERCENT



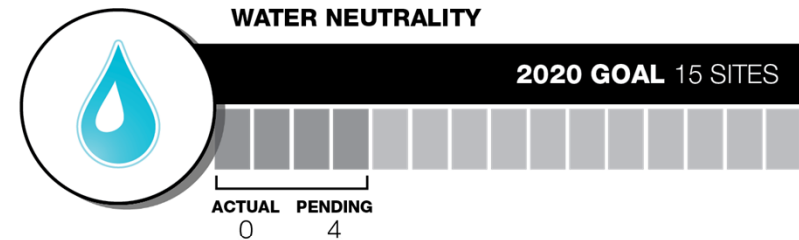
Employees in Seymour work with the regen dynos as part of the high horsepower lab operations team.



Employees in India stand near regen dynos in a Cummins facility in Phaltan, India.



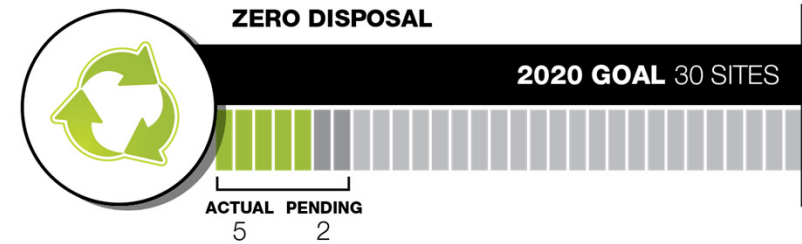
Purple pipes indicate the reuse water system at a Cummins facility in Brazil.



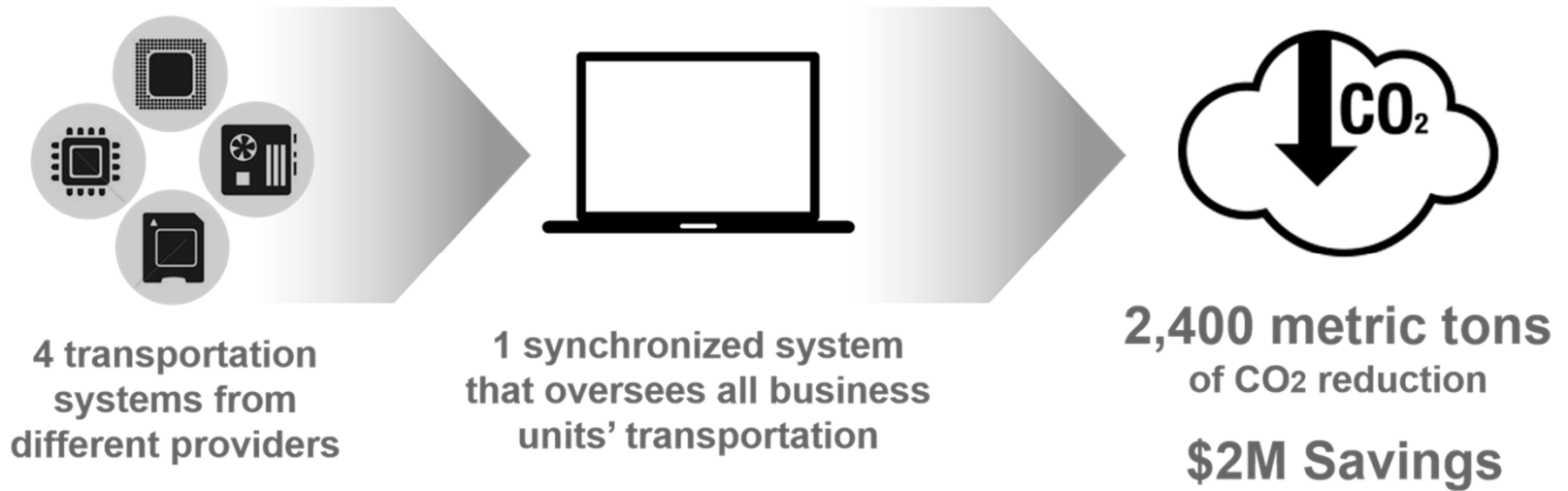
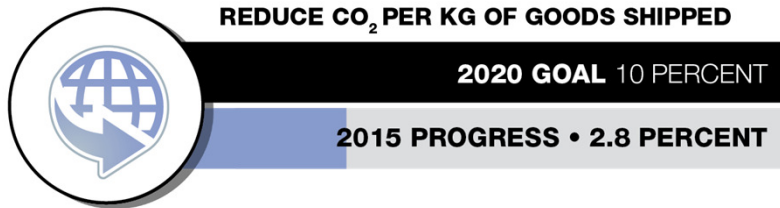
Cummins assisted with desilting and check dam work at Nandal Village in India.



A dumpster dive helps employees in Charleston, South Carolina learn what has been thrown away but could be recycled.



By using returnable packaging, like the crates pictured here, polystyrene can be eliminated from the waste stream.





REDUCE CO₂ FROM PRODUCTS IN USE

2020 GOAL 3.5 MMT

2015 PROGRESS • 1.6 MMT



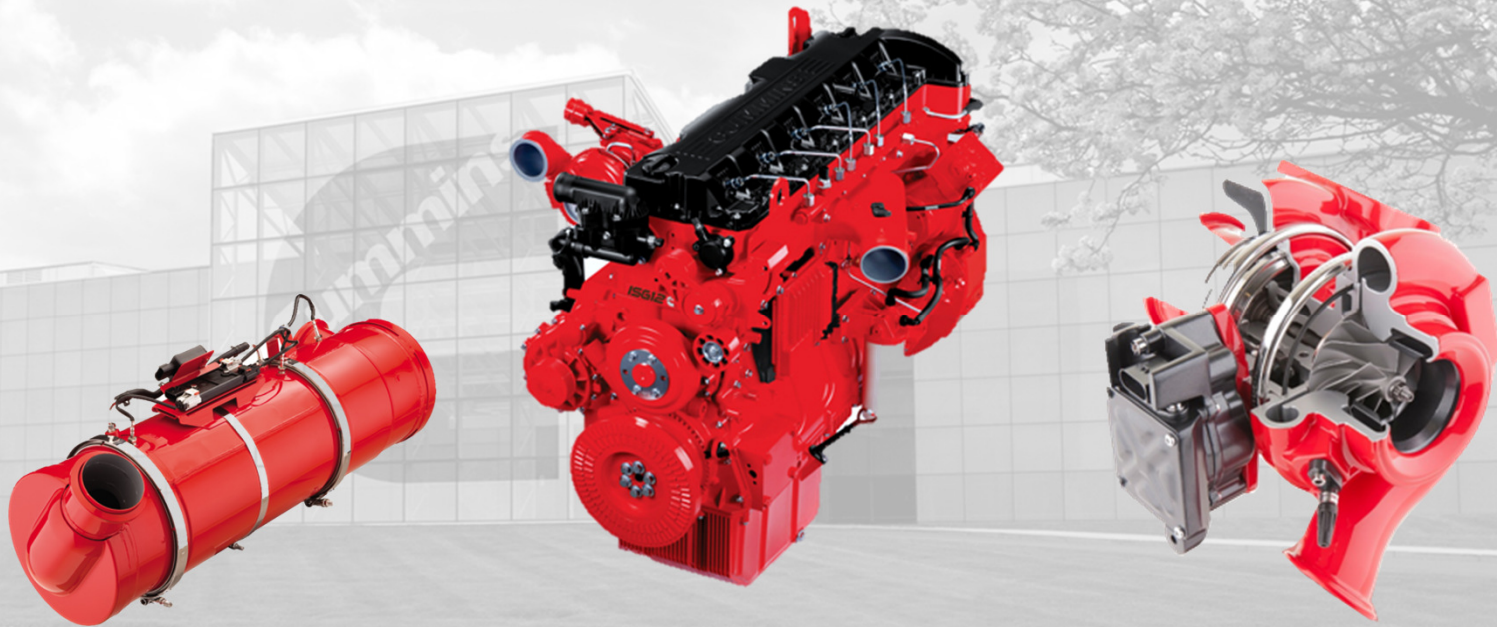
3.2M

Equivalent cars
off the road for a
year by 2020



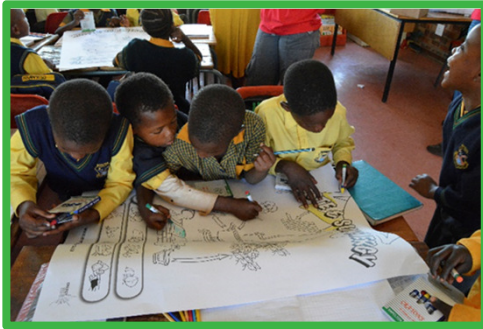
Cummins helped customer Rio Tinto save \$14.2M annually.

Technology Driving Lower Impact



Powering the future through product innovation that makes people's lives better and reduces our environmental footprint

Environmental Challenge



In 2015, 88 projects **reduced** the equivalent of **36,810 metric tons of greenhouse gas** – a **65% improvement over last year's results.**

The Challenge also resulted in:



12,549,812 kiloliters
of water conserved



77,820 trees
planted



45,235+ tons
of garbage diverted from landfills



350,000 people
educated



*To solve
complex
problems*

KOMATSU



U.S. DEPARTMENT OF
ENERGY

ZERO 
garbage
PROJECT

