

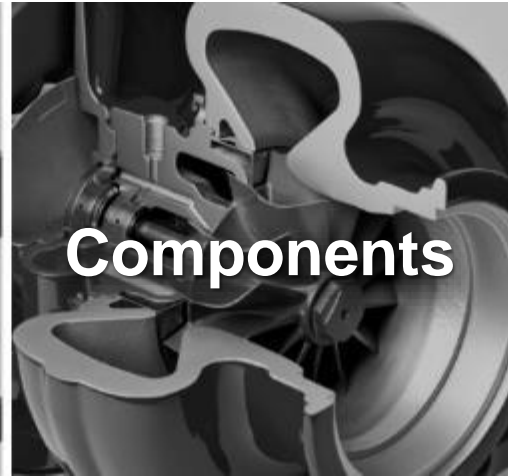
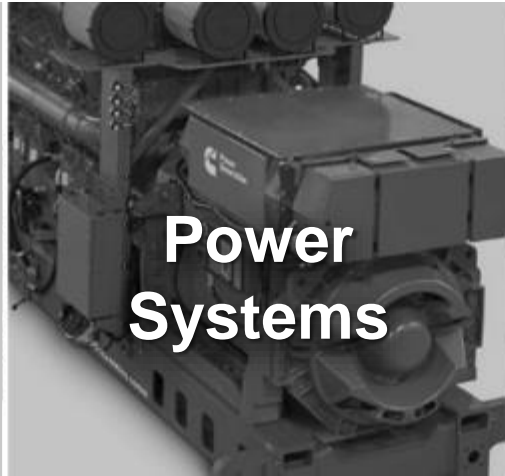
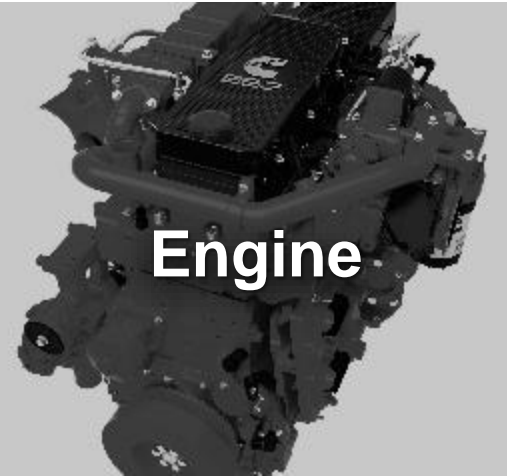


Cummins Energy Strategy

Mark Dhennin

February 19, 2021

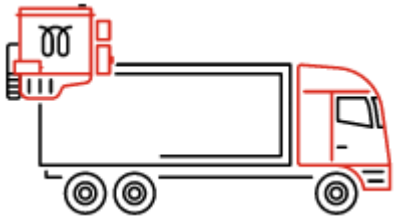
This is Cummins



- Founded in 1919 – Columbus, IN
- 62,600 global employees
- \$20B sales in 2020
- 104 manufacturing plants
- Tech centers, warehouses, offices
- 600 distributors, 7600 dealers



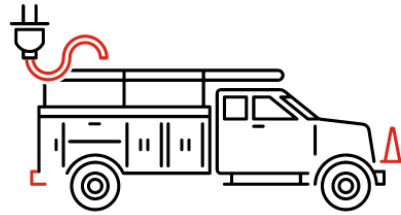
The power of choice



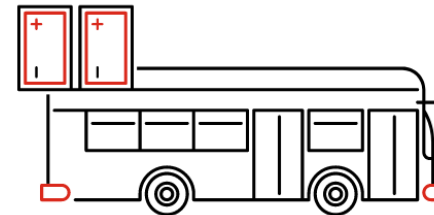
CLEAN DIESEL



NATURAL GAS



HYBRID ELECTRIC



BATTERY ELECTRIC



FUEL CELL

Cummins energy

Global footprint – 2020

916 million
kWh electricity

10.6 million
gallons diesel fuel

1.70 billion
ft³ natural gas

\$150+ million
total energy
spend

681,000
metric tons
CO₂e
emissions

Our principles:

- Use Less, Use Better, Use Again hierarchy
- Science-based
- Lifecycle approach
- *Additional*
- *Tangible*
- *Cost effective*
- *Transparent*



OUR 2050 AIMS

COMMUNITIES ARE BETTER BECAUSE WE ARE THERE

2050 AIM:

- Net positive impact in every community where we operate
= Sum of Good > Local environmental footprint
- Near zero local environmental footprint

DOING OUR PART TO ADDRESS CLIMATE CHANGE AND AIR EMISSIONS

2050 AIMS:

- Power customer success with carbon neutral technologies that address air quality
- Achieve carbon neutrality and near zero pollution in Cummins' facilities and operations

USING NATURAL RESOURCES IN THE MOST SUSTAINABLE WAY

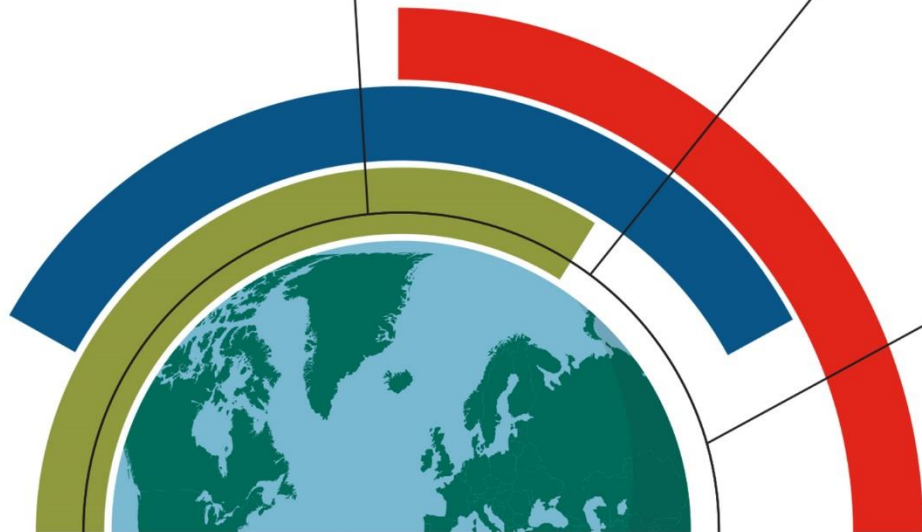
2050 AIM:

- Nothing wasted
 - » Design out waste in products and processes
 - » Materials are used again for next life
 - » Only use water that is readily available; reuse and return clean to the community

OUR 2030 GOALS

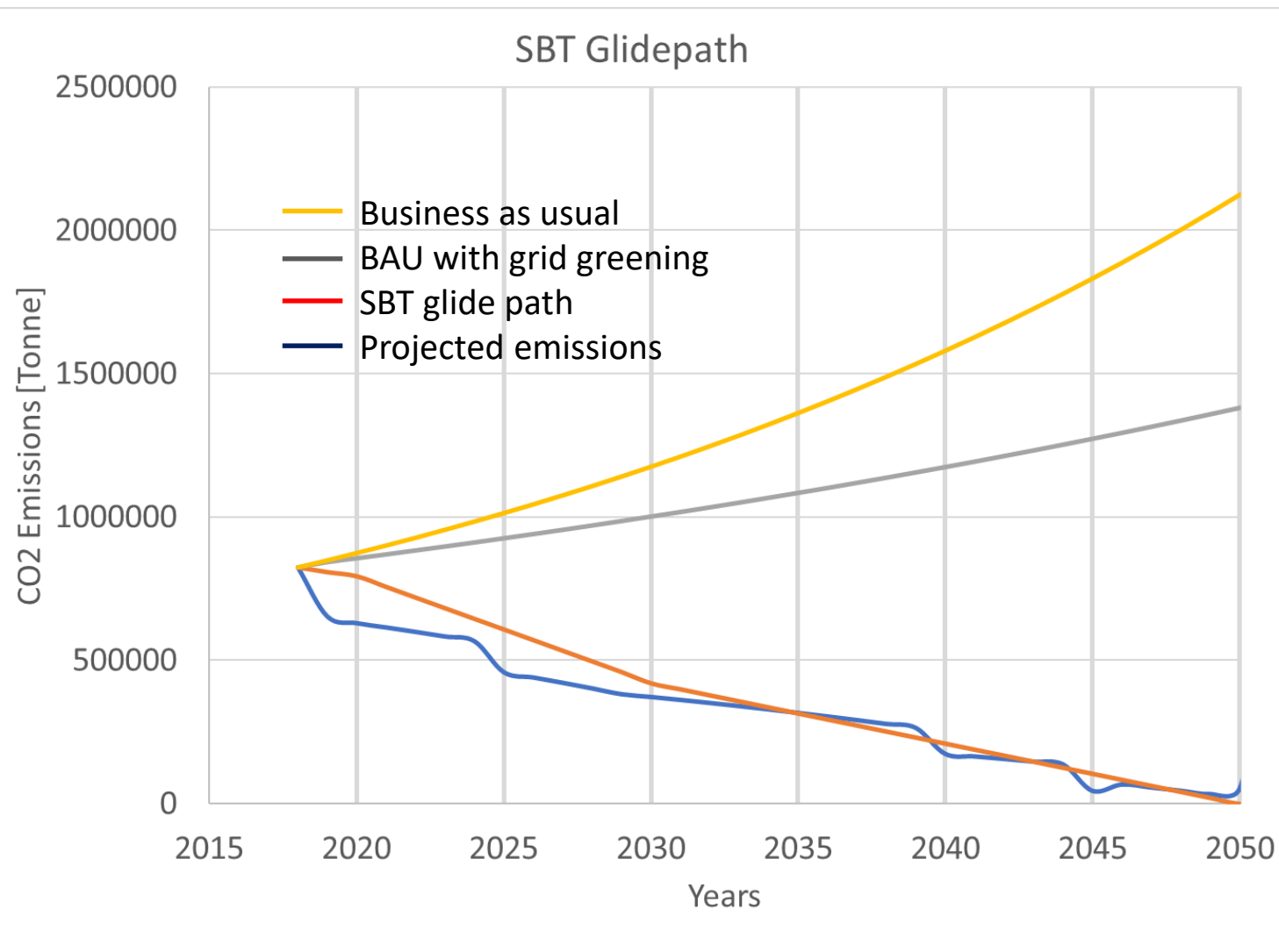
SCIENCE-BASED TARGETS

- Reduce absolute GHG emissions from facilities and operations by 50%
- Reduce Scope 3 absolute lifetime GHG emissions from newly sold products by 25%
- Partner with customers to reduce Scope 3 greenhouse gas emissions from products in the field by 55 million metric tons
- Reduce volatile organic compounds emissions from paint and coating operations by 50%
- Create a lifecycle plan for every part to use less, use better, use again
- Generate 25% less waste in facilities and operations as a percent of revenue
- Reuse or responsibly recycle 100% of packaging plastics and eliminate single-use plastics in dining facilities, employee amenities and events
- Reduce absolute water consumption in facilities and operations by 30%



PLANET 2050

Science-based target strategy



Our Critical X's:

- Energy efficiency
- Process redesign
- Energy recovery
- Energy storage
- Onsite renewables
- Offsite renewables
- Electrify vehicle fleets



Adapting during the pandemic

Business impacts:

- Triggered enormous uncertainty
- Customer & supplier shutdowns
- Facility slowdowns & shutdowns
- Business travel banned
- Resources redirected
- Operations modified

Cummins energy response:

- 2020 goal expectations relaxed
- Capital postponed
- Focus shifted to low/no cost opportunities
- Virtual audits & training
- Accelerated PLANET 2050 and 2030 goal planning





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