

V O L V O

NEW RIVER VALLEY PLANT

2022

Volvo Trucks

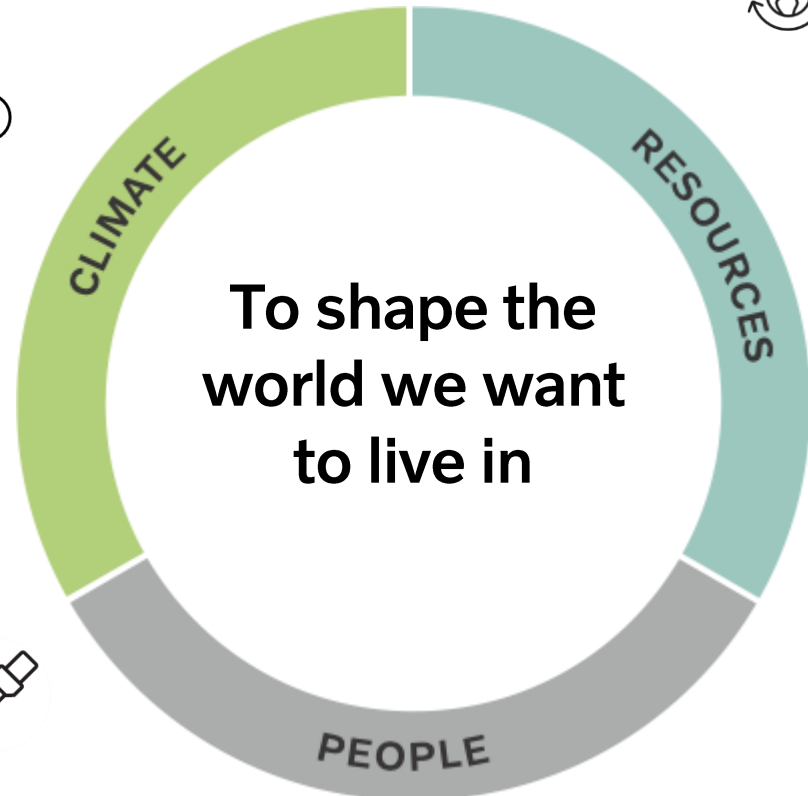
V O L V O

Our People, Products & Processes

566 Acres
2,000,000 ft.²



Volvo Group Sustainability Strategy



Towards fossil-free transport solutions
Focus on sustainable bio-fuels, electrification and hydrogen powered machines



Reduce the environmental footprint
Renewable energy is our firsthand choice



Committed to safety
A vision for zero workplace accidents and zero accidents with Volvo Group products



Using our full potential
Inclusive leadership and a diverse workforce leads to personal and business success



The world's most sustainable transport system
Contribute to 100% productivity improvements of our customers' logistics operations by 2030



A step change in circularity
Keep materials and products in use phase and capture the potentials of circular economy



Limit use of materials and substances of concern
Continuous evaluation to reduce dependency on use of scarce materials and substances of concern



Engage in society
Create value for business and society by focusing on environment, traffic safety and education activities



Responsible business behavior
Respect human rights, build sustainable supply chains and consciously consider how the sale and use of our products contributes to societal prosperity

V O L V O

Our core values

QUALITY



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Our core values

SAFETY



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Our core values

ENVIRONMENTAL CARE



Transport needs



City growth



Consumption habits



Society demands



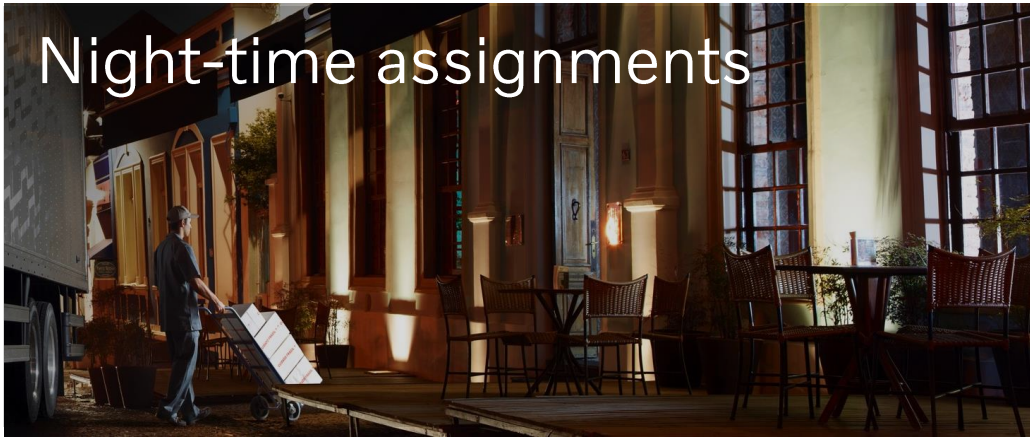
Cutting air pollution



Quieter cities



Night-time assignments



Improved traffic flow



V O L V O

Our Premier Products



New River Valley Plant

We are the largest Volvo Trucks plant in the world

We assembly ALL of the Volvo Trucks sold in North America

The I-81 corridor serves as our critical material pipeline

We process 400+ trailer loads a day (incoming & outgoing)



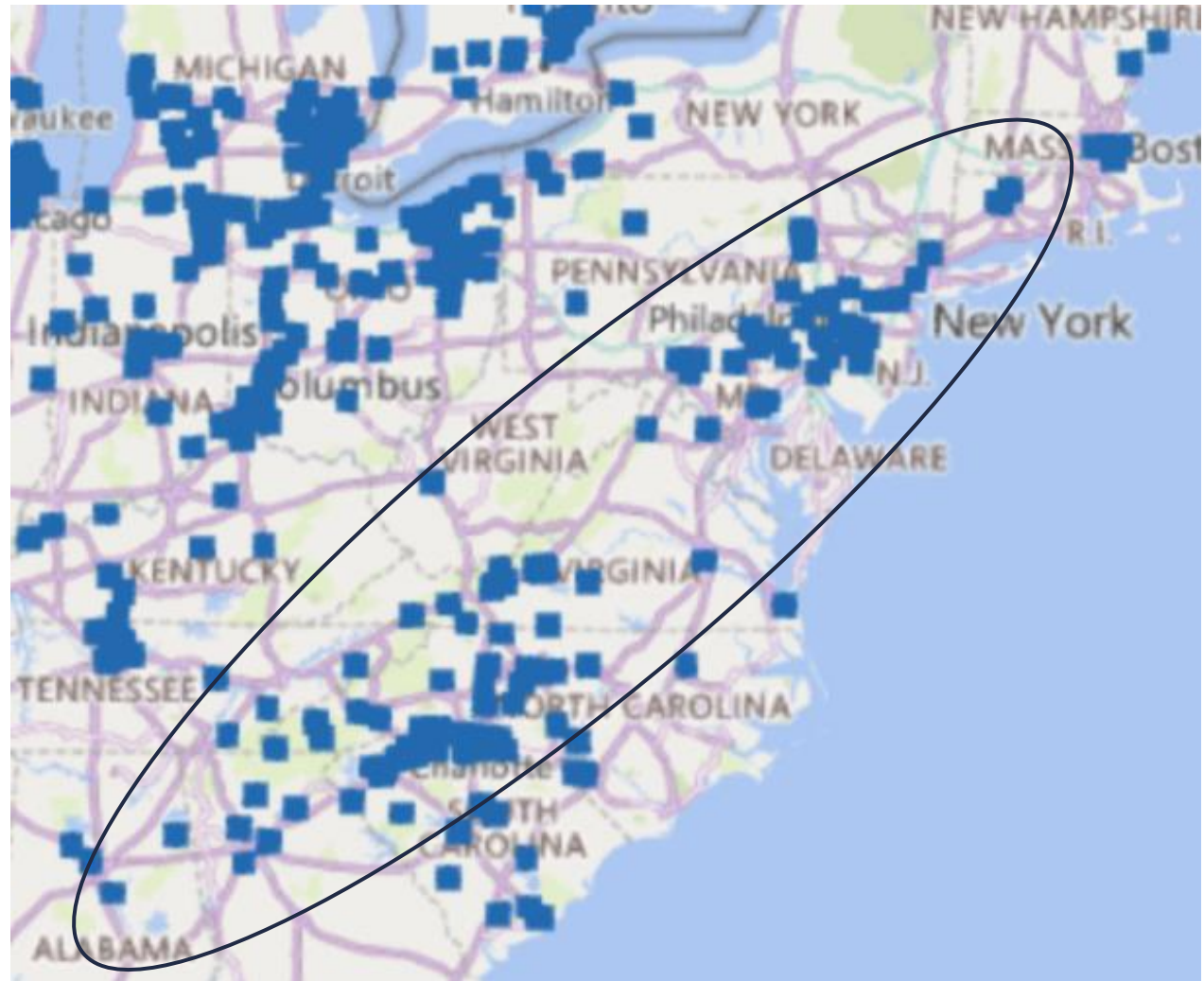
New River Valley Plant

3,700+ direct employees

Around the clock operations

600+ North America vendors

Thousands of individuals who support transportation live on I-81



Parking is very important

Federally certified to low NOX standards

- Cal (CARB) 5-minute idle shutdown requirement

EPA and CARB compliance

Low idle programming in park= low NOX (low diesel particulates)

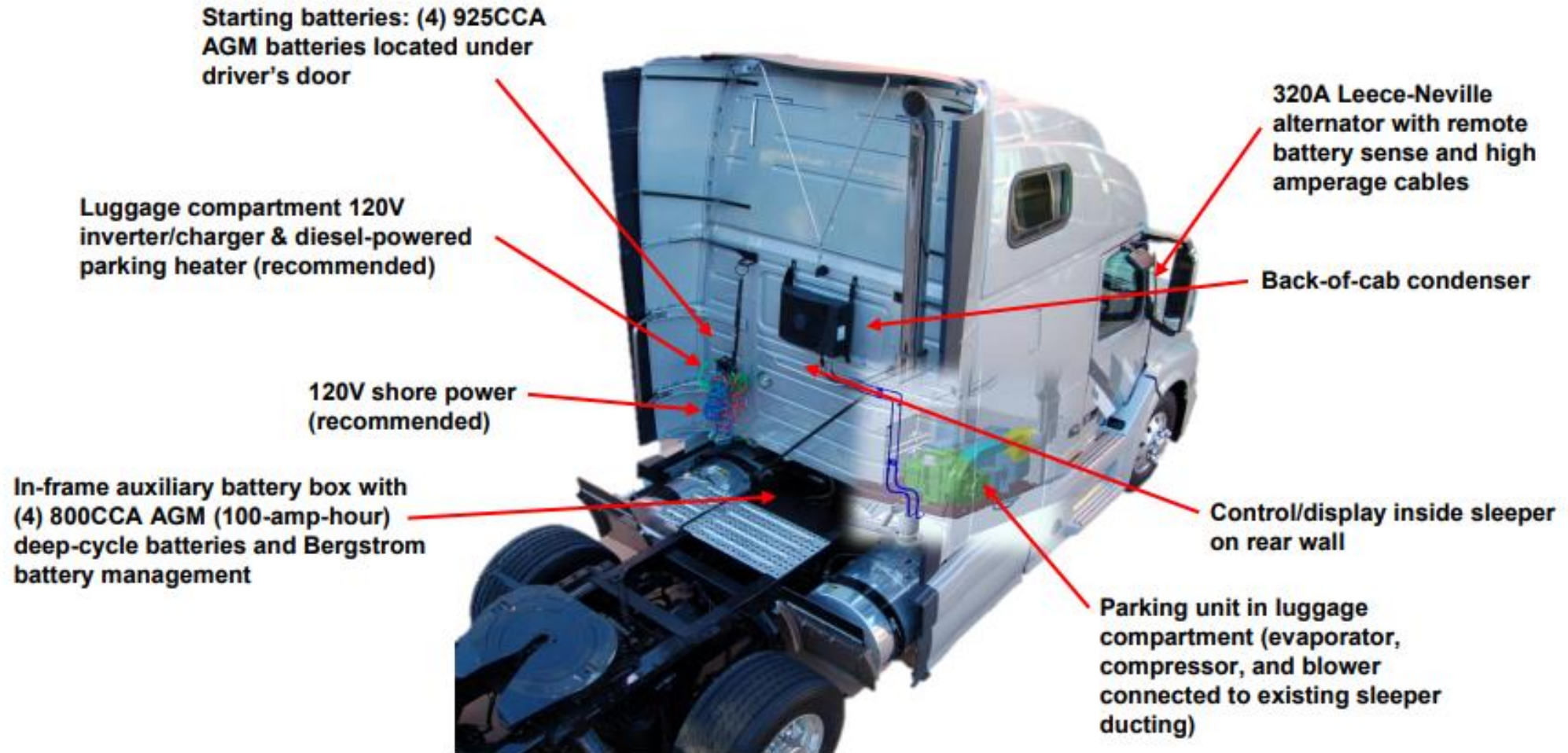
Idle technology software

Shore power to plug in to run heater / AC electricity under driver's side

Battery power idle heater A/C from the battery (option)



System components

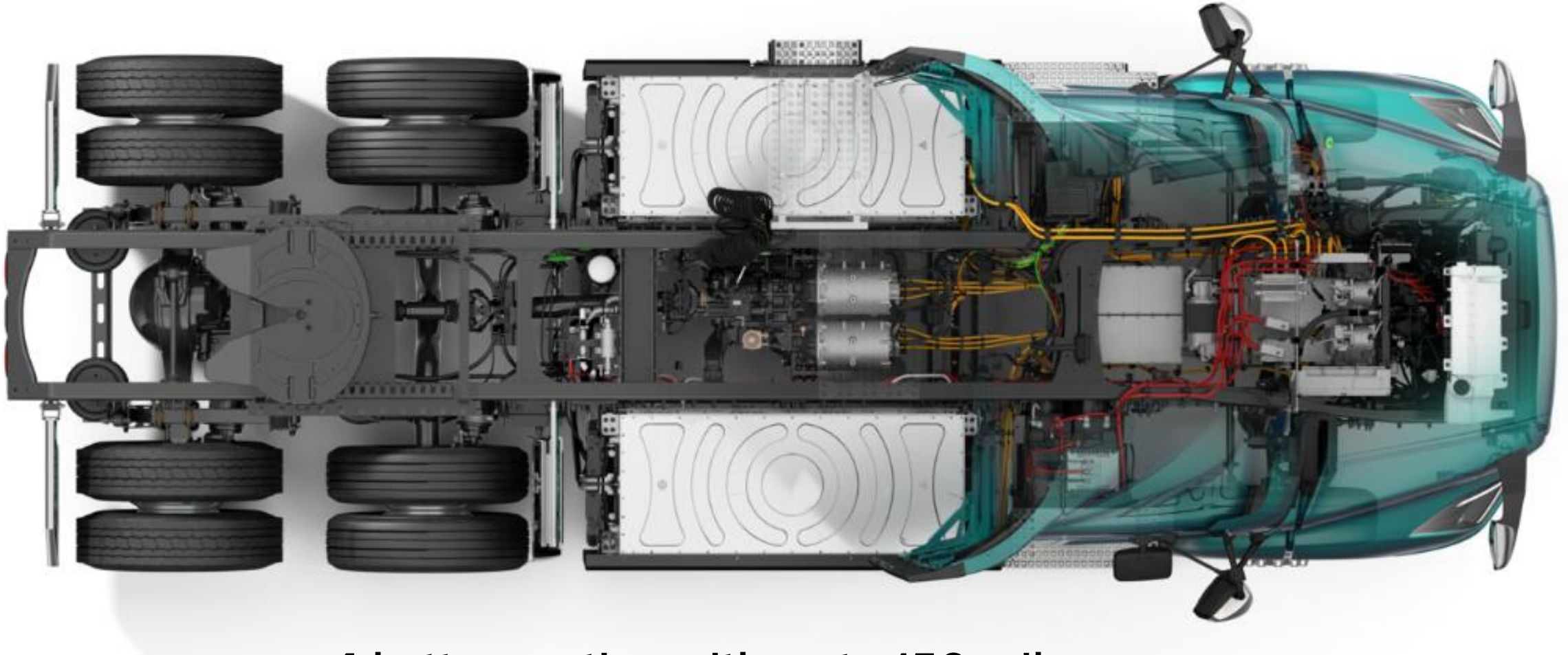


OUR VNR ELECTRIC



V O L V O

Our technologic solutions on America's highways



4 battery option with up to 150 miles range
6 batteries option with up to 275 miles

Electric power

- Dual electric motors
 - 455 HP and 4,051 lb-ft of torque
- 2 speed, I-Shift transmission
- Regenerative braking



Lithium-Ion Batteries

Capacity 264 kWh

Capacity 565 kWh

4 batteries

6 batteries

80% charge in 60 mins

80% charge in 90 mins

Side impact protection barrier integrated into the mounting system

Active safety

- Volvo Active Driver Assist 2.0 is standard
- Provides front collision Automatic Emergency Braking (AEB)
- Multilane continuation of automatic emergency braking
- Adaptive cruise control
- Lane Departure Warning
 - Optional
 - Data capture



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Assembled on same line as diesel trucks



Assembled by People





PROUDLY ASSEMBLED IN THE USA