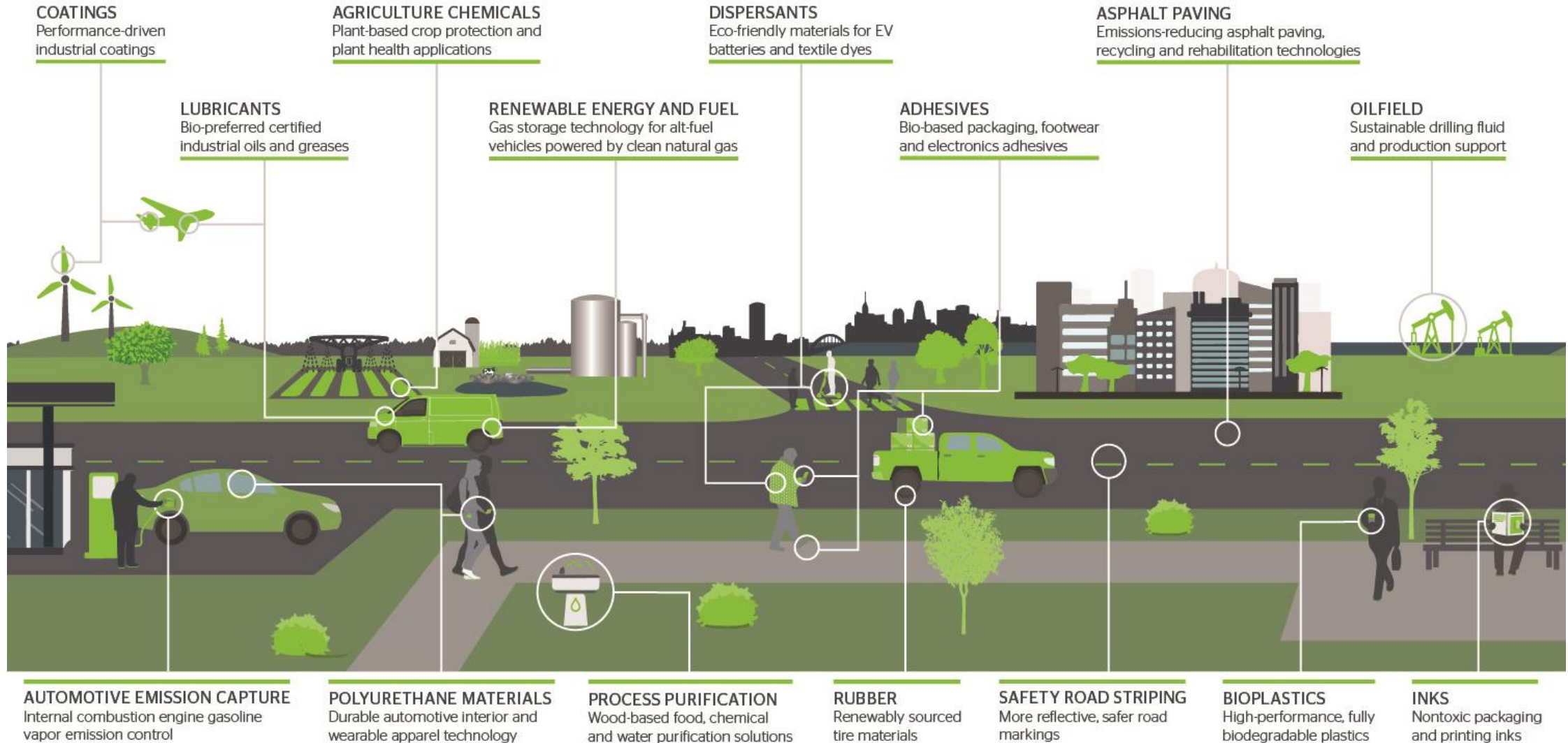


The Ingevity ANG/RNG Solution:
*Saving money and reducing
emissions today*

April 2022

ingevity

Ingevity's Purpose – Purify, Protect and Enhance the Environment Around Us



Fleets Face Uncertainty

- ✓ • **Rising fuel costs and no end in sight**
- ✓ • **Companies and municipality carbon-zero initiatives**
 - Some include 100% electric vehicle mandates
 - No clear path on how to achieve initiatives
- ✓ • **Supply chain issues**
 - Vehicle orders not fulfilled
 - Average vehicle life increasing
- ✓ • **Workforce turnover**
- ✓ • **Operational efficiency**

Ingevity's ANG/RNG solution can help with all these pain points

Vehicles Compatible with ANG

Gasoline

- Ford vehicles
 - 6.2 L Ford F-250 (2020 – Present)
 - 3.5 L PFDI Ford Transit (2020 – Present)
 - 5.0 L Ford F-150 (2018 – 2020, pursuing 2021+)

Diesel

- Demi Diesel Displacement kit
- Existing diesel vehicles
 - Pickup trucks
 - School buses
 - Class 8 trucks



ANG Technology

- **ANG is proprietary technology enabled by activated carbon**
 - ANG reduces natural gas system pressure from 3,000 to 1,000 psi
 - The activated carbon stores almost double the natural gas at 1,000 psi compared to empty cylinder at the same pressure
- **Why is “pressure” relevant?**
 - Lower-pressure provides
 - Lower-cost fuel
 - Lower-cost compression equipment and infrastructure
 - Easier and quicker expansion
 - Use of private, fueling appliances installed anywhere natural gas access is available



ANG Value-Proposition for Fleets



Maximized fuel savings using lower-cost fuel and lower compression



Cleans the environments by reducing vehicle GHG emissions over 80% with RNG



Bi-fuel or hybrid design adds vehicle range and eliminates range anxiety



Performs over the vehicle's life with no significant loss in range or capacity



Improved convenience and fleet productivity through flexible, on-site fueling

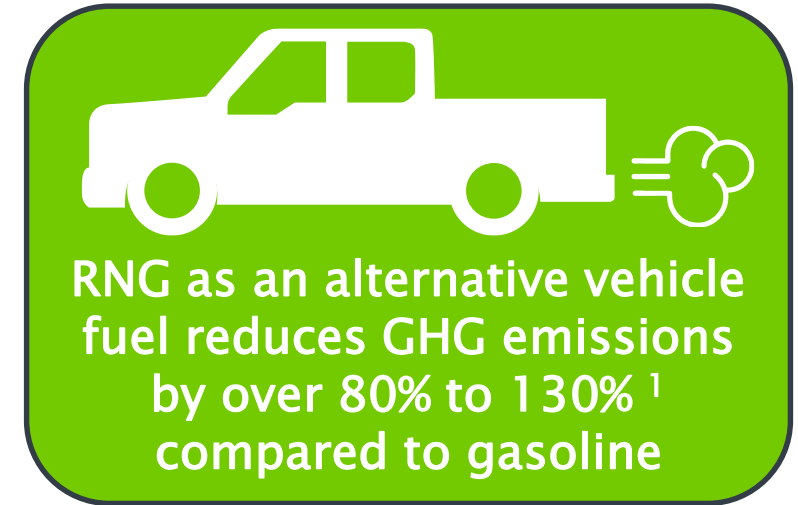


Ingevity ANG Solution

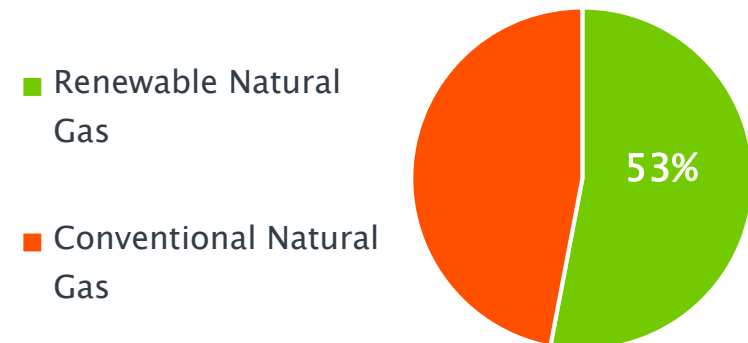


ANG/RNG: An Optimal ESG & Sustainability Solution

- RNG is an ultraclean, alternative fuel produced domestically from various feedstocks such as food waste, landfill garbage, wastewater sludge, and dairy farm waste
- Ingevity has developed a platform to enable fleets of any size to leverage the optimal sustainability benefits of RNG with the ANG solution
 - Recently announced agreement with U.S. Gain to supply RNG for ANG vehicles
 - Supports the “Triple-P bottom line” – People, Planet & Profit



2020 NGV Fuel Use²



1. Source – Alternative Fuel Life-Cycle Environmental and Economic Transportation (AFLEET) Tool

2. Source – NGVAmerica