Alliance AutoGas
POWERED BY PROPANE

PROPANE AUTOGAS
THE PRACTICABLE SOLUTION

Darren Engle – Director of Government Relations, Blue Star Gas, an Alliance AutoGas Partner

THINGS HAVE CHANGED

Technology Has Changed

Old Technology

30 years

New Technology

Environmental Concerns Have Changed

Environmental Concerns Have Changed

Gas Prices Have Changed

Atlanta 1988

25 years

San Diego 2013

National Security Concerns Have Changed

In 2012, the US spent $433 Billion on imported oil.

WHAT IS AUTOGAS?

The Many Uses Of Propane

- COMMERCIAL , RESIDENTIAL & INDUSTRIAL USE
  - Heating
  - Cooking
  - Hot Water
- GENERATORS
  - Mobile
- LIGHT TOWERS
- UTILITY VEHICLES
- COMMERCIAL MOWERS
- NEXT GENERATION FORKLIFTS
- AGRICULTURE EQUIMPENT
  - High Efficiency Grain Dryers
  - Irrigation Pumps
  - Tractors
- COMBINED HEAT & POWER UNITS
- MARINE ENGINES

Say Hello To Propane Autogas

PROPANE AUTOGAS FUELS MORE THAN

21 MILLION

VEHICLES WORLDWIDE

VISIT WWW.ALLIANCEAUTOGAS.COM

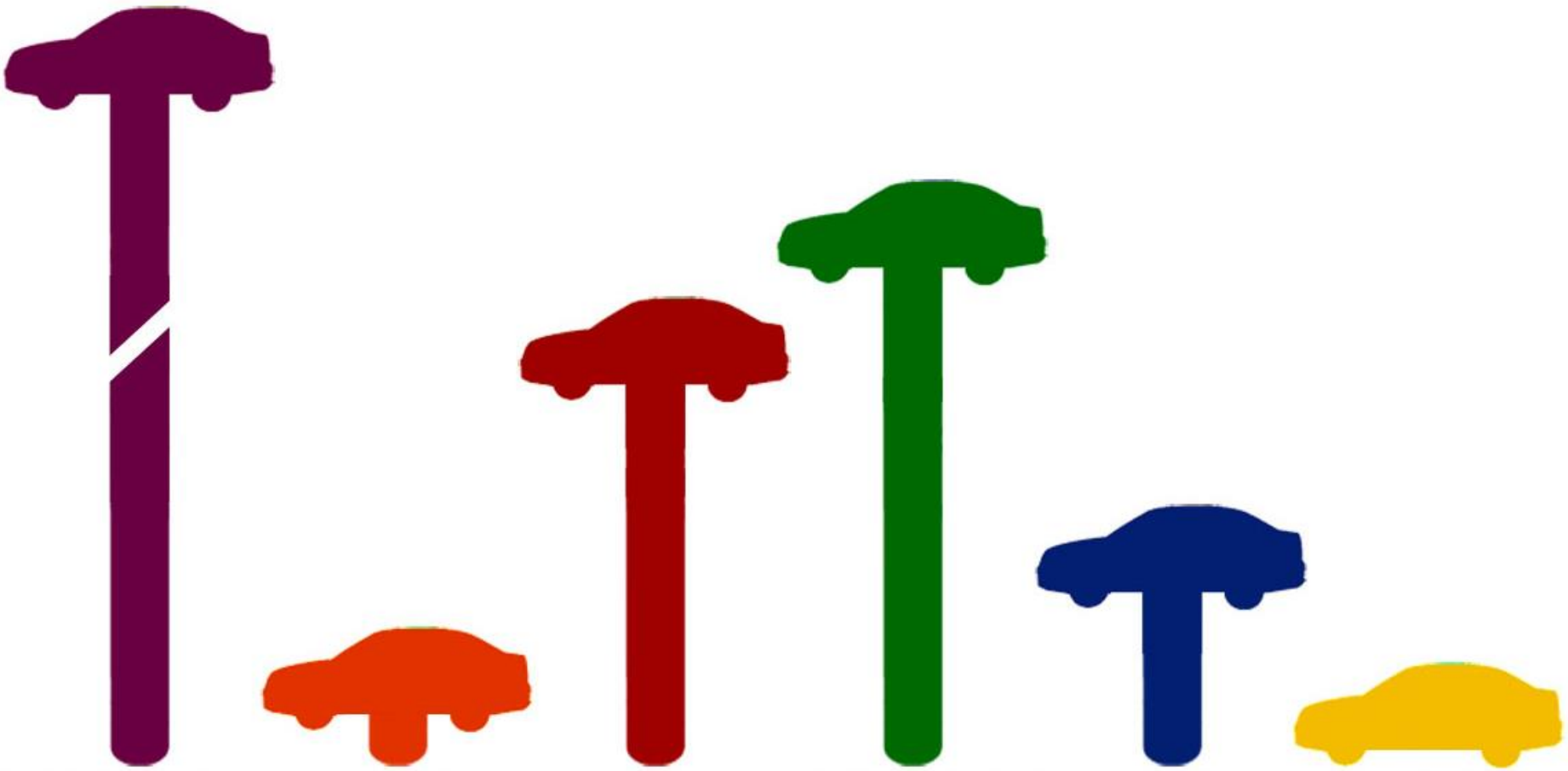
INFORMATION@ALLIANCEAUTOGAS.COM

US Motor Vehicle Market

GAS & DIESEL
254,000,000

TOTAL ALT FUELS
>1,000,000

2013 US Alternative Fueled Vehicles



Worldwide Alternative Fuel Adoption

US- 143,000

Turkey- 3.5M

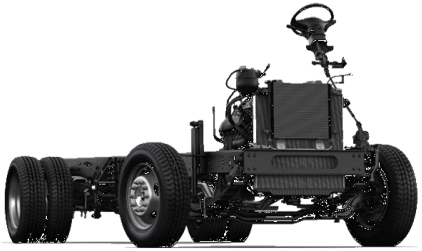
Poland- 3M

S. Korea- 4M

No Silver Bullet

Light Duty

Medium Duty



Widespread Fleet Adoption

CenturyLink™

UPS

Seattle Children's

Willamette Valley Transport

Keystone Automotive Operations, Inc.

AutoZone

Frantz

WSDOT

DIRECTV

City of Edmonds Est. 1890

PPS Portland Public Schools

DHL

MasterPark Airport Valet Parking

SuperShuttle

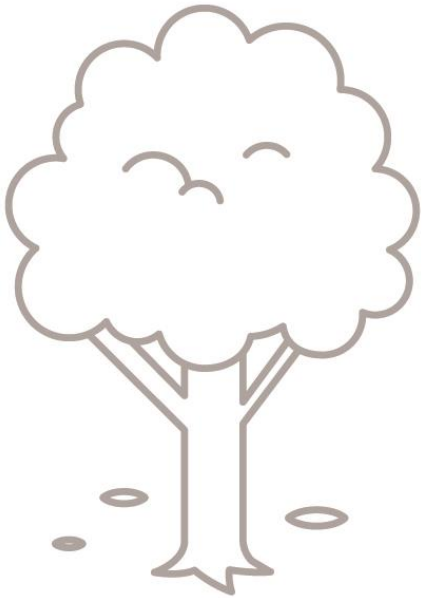
ThyssenKrupp

dish Network

Prime Time Shuttle

King County

Sheriff Polk County Oregon



GREEN

GREEN

Alterative Fuels Are Good For Fleets

WHY IT'S GOOD FOR FLEET MANAGERS.

1. IT REDUCES OPERATING COSTS.
2. IT HAS AFFORDABLE, FLEXIBLE REFUELING OPTIONS.
3. IT OFFERS PROVEN PERFORMANCE.
4. IT LOWERS EMISSIONS.
5. IT REDUCES DEPENDENCE ON FOREIGN OIL.

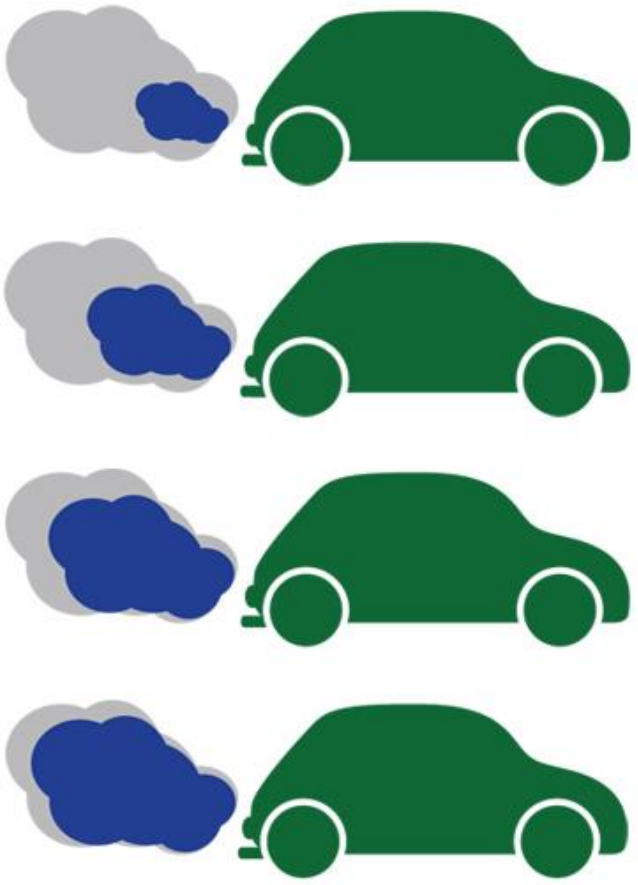
Lower Emissions

60% LESS CARBON MONOXIDE

40% FEWER SMOG-PRODUCING HYDROCARBONS WHILE FUELING

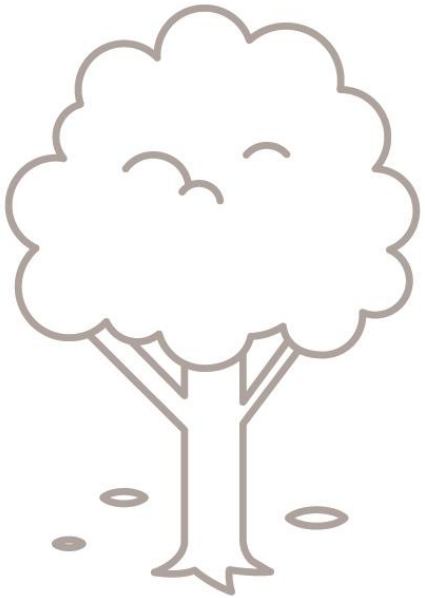
20% LESS NITROGEN OXIDE

12% LESS CARBON DIOXIDE



Gasoline-fueled vehicle emissions

Propane-autogas-fueled vehicle emissions



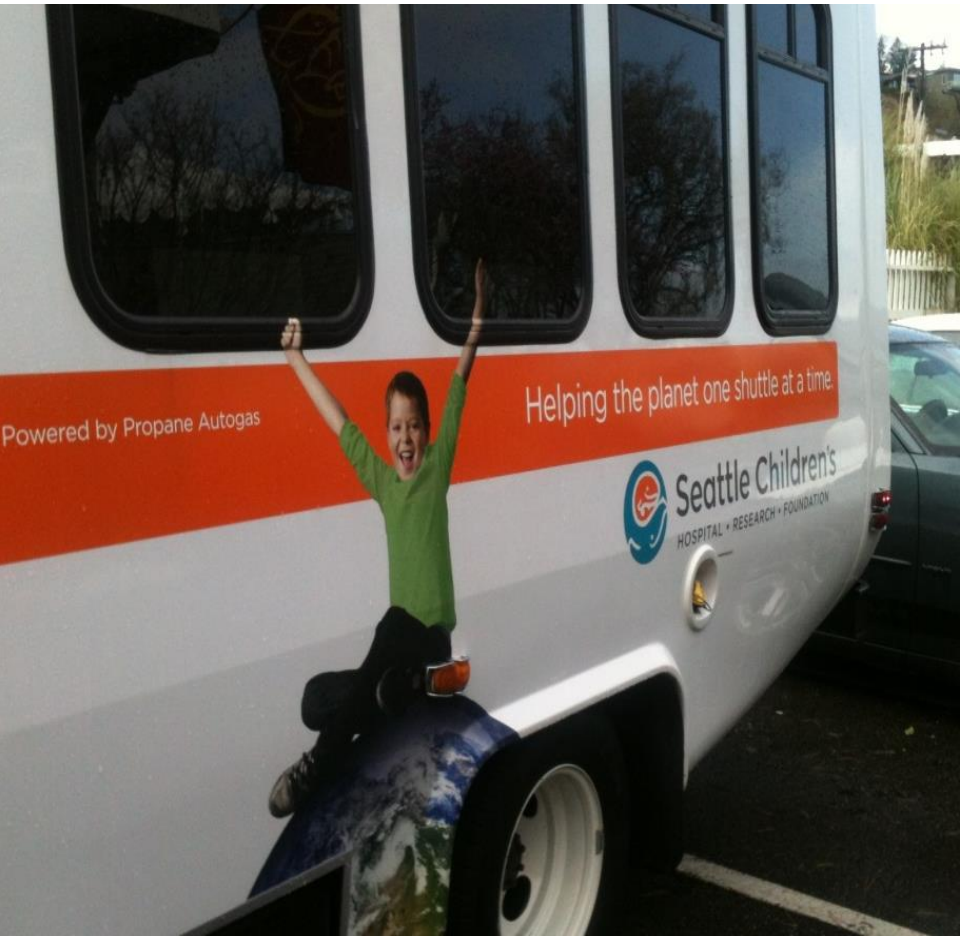
GREEN

GREEN

Law Enforcement

SAVING
AS MUCH AS
$2,500
ON FUEL COSTS PER
VEHICLE EACH YEAR

Shuttle Vans



SAVING
$10,000+
PER VAN
EACH YEAR
IN FUEL COSTS

Public School Districts

SAVING

$1.5

MILLION

ON FUEL COSTS IN A SINGLE SCHOOL YEAR

PROPANE AUTOGAS

HAS THE

MOST DEVELOPED REFUELING INFRASTRUCTURE

OF ANY ALTERNATIVE FUEL IN THE UNITED STATES

Scalable Infrastructure

AUTOGAS, THE PRACTICABLE SOLUTION

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