

# VEGA Presentation Outline

- VEGA Tool Overview
- How Does VEGA Tool Work?

# VEGA Tool Overview

## Vehicle Energy and Greenhouse Gases Assessment Tool (VEGA Tool)

- A tool to analyze policies affecting vehicle fuel consumption and GHG emissions from the on-road transportation sector.

# VEGA Tool Overview

Propose Using VEGA to Analyze:

- I. Effect of federal CAFÉ recent action
- II. TLU 2B: Add-on Technologies – Fuel Efficient Tires
- III. TLU 7: Incentive Programs for Increased Vehicle Fleet Efficiency

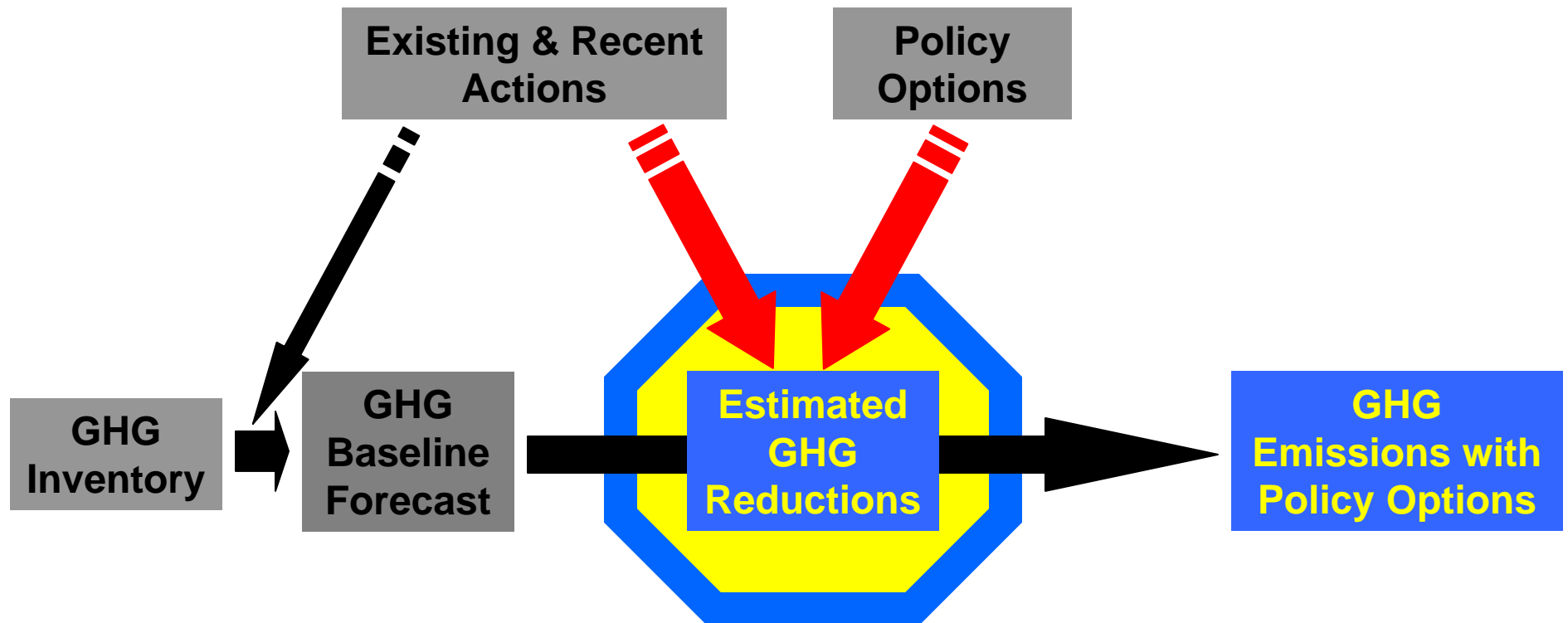
# VEGA Tool Overview

- The tool can estimate the effects of individual policies (TLU 2B and 7)
- Also possible to develop a cumulative scenario to estimate the effect of multiple policies on on-road vehicle fuel consumption and GHG emissions.

# How Does VEGA Tool Work?

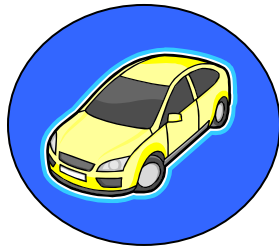


# How Does VEGA Tool Work?

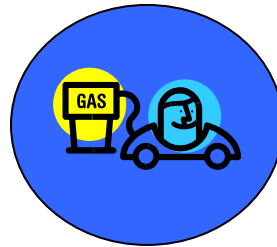


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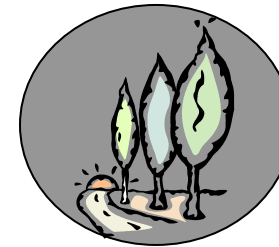
The VEGA Tool translates policies into three aspects of on-road transport that affect vehicle fuel consumption and emissions of greenhouse gases:



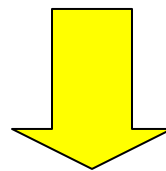
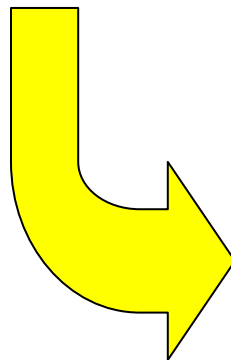
1. Fleet  
Characteristics



2. Fuel  
Characteristics



3. Travel Habits  
(VMT)



**Greenhouse  
Gas  
Emissions**

