

Argonne's **GREET**

Model | Driving
Transportation
Solutions



ARGONNE'S GREET MODEL

Driving Transportation Solutions

Argonne's GREET model is widely recognized as the “gold standard” for evaluating and comparing the energy and environmental impacts of transportation fuels and advanced vehicles.

The Greenhouse gases, Regulated Emissions, and Energy use in Transportation (GREET)

model is a one-of-a-kind analytical tool that simulates the energy use and emissions output of various vehicle and fuel combinations.



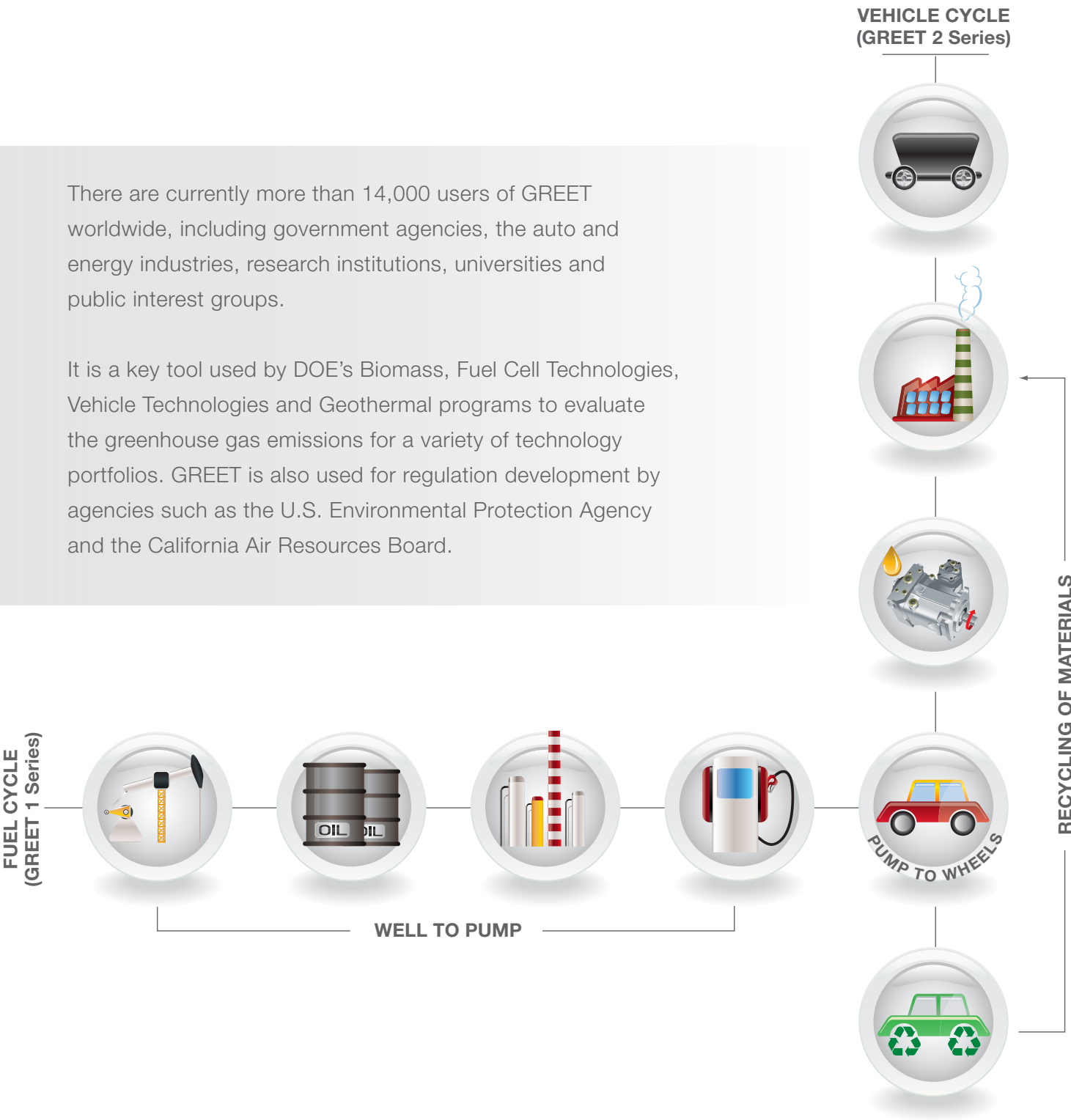
Researchers Michael Wang (front to back), Amgad Elgowainy, Jeongwoo Han and Andrew Burnham continue to update and expand Argonne's GREET model.

Sponsored by the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy, the free software program gives researchers the unique ability to analyze technologies over an entire life cycle – from well to wheels and from raw material mining to vehicle disposal.

The model is capable of evaluating more than 85 vehicle/fuel combinations. From gas guzzlers and electric cars to Brazilian sugarcane ethanol and hydrogen fuel cells, GREET covers it all.

Just plug in the vehicle and fuel type of your choice, and Argonne's model will pump out accurate results detailing its energy and environmental impacts.

To get a complete picture of the energy and environmental impacts of a technology, it is important to consider the full life cycle – from well to wheels for fuels and from raw material mining to vehicle disposal for automobiles.



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