

GREET.net: A Platform for Life-Cycle Analysis

Amgad Elgowainy

Systems Assessment Group

Center for Transportation Research

Argonne National Laboratory

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The GREET.net Team



In the picture (Left to right): Michael Wang, Raja Sabbisetti, Amgad Elgowainy, David Dieffenthaler, Azeam Anjum, and Vadim Sokolov

Not in the picture: Jeongwoo Han, Cory Cooney, Qizhi Zang, and Michael Vilim

Our Vision for New GREET Platform

- ❑ To build a common platform for LCA that is
 - ✓ adaptable to a broad range of applications
 - ✓ expandable to include new pathways and expanded boundaries
 - ✓ transparent to enhance usability and build credibility



Main Design Features

- ❑ Modular design → expandability
- ❑ Layered structure → systematic navigation, adaptability
- ❑ User-friendly GUI → visualization, drag and drop, data manipulation, customized units, definition of functional unit, tracking of variables, color coding, ease of search/navigation
- ❑ LCI database
 - ✓ Data structure and handling
- ❑ Generic calculation algorithm
- ❑ Interaction and data exchange
- ❑ Data comparison and display
 - ✓ intermediate results, levels of aggregation, tables, graphs
- ❑ Online wiki help and reporting tool



GREET LCA Without Excel

