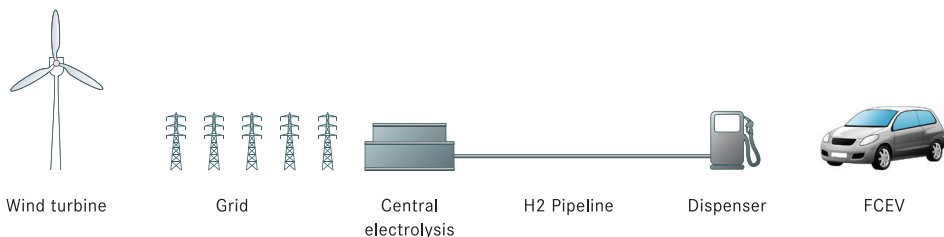


DAIMLER

# OPTIRESOURCE – The final software tool to master Well-to-Wheel analyses





OPTIRESOURCE is a powerful and interactive software package for Well-to-Wheel analyses as well as for evaluation and visualization of car-related energy chains and energy scenarios. It provides information about the primary energy demand and greenhouse gas (GHG) emission rate associated with energy chains or energy scenarios. The results also include an evaluation of primary energy supply and land and water use for the chains where this information is relevant.

OPTIRESOURCE is an essential tool for politicians, vehicle manufacturers, planners, users and buyers of vehicles to make plans and to take actions about future transport solutions.

Its database allows the creation of more than 800 chains, combining several primary energy carriers, processes, fuels and power trains, giving a comprehensive overview of today's and future mobility concepts.

OPTIRESOURCE uses data from the study "Well-to-Wheel Analysis of Future Automotive Fuels and Powertrains in the European Context", conducted by the JEC consortium. The JEC is a cooperation between the European Joint Research Center, EUCAR and Concawe which provides neutral and validated simulation results concerning energy consumption and greenhouse-gas emissions that allows a fair comparison across drive systems. The database is complemented with supplementary input from the LBST consultancy firm.

Before OPTIRESOURCE was established, it was difficult to show, compare, add or sort this large spectrum of mobility concepts. For this reason, Daimler, aided by Protoscar, has developed OPTIRESOURCE: an intuitive and interactive software family for the Well-to-Wheel assessment of passenger cars.

# OPTIRESOURCE

is available in three versions

## OPTIRESOURCE Lite

Web based and free of charge, this program is the optimal solution to quickly compare energy chains. To run the program **[tap here](#)**.

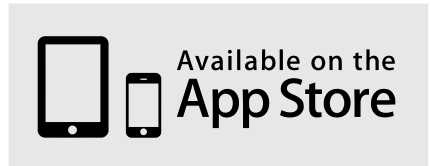
## OPTIRESOURCE App

Take OPTIRESOURCE everywhere you go. Use your fingertips to create robust Well-to-Wheel analysis anytime, anywhere on your tablet or mobile phone.

## Chain construction



## Results



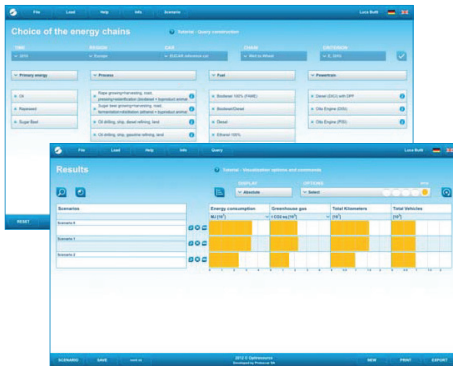


## OPTIRESOURCE Professional

This online application only requires an Internet connection and a standard web browser. In matter of seconds you can create complete Well-to-Wheel analysis in any of its two operation modes:

### OPTIRESOURCE Query

Query construction

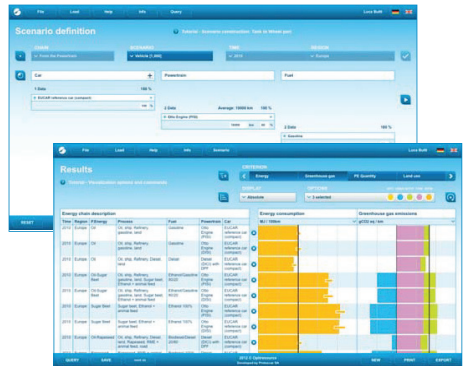


Query results

With OPTIRESOURCE Query, you can retrieve, compare and graphically evaluate any number of energy chains. The selection of the chains is done in a highly interactive way: select one or more primary energies, transformation and transport processes, fuels and powertrains. OPTIRESOURCE will assess all possible combinations for you. The results are graphically presented in a comprehensive way and can be arranged and displayed according to your needs.

### OPTIRESOURCE Scenario

Scenario construction



Scenario results

With OPTIRESOURCE Scenario you can calculate the greenhouse gas emissions of small fleets or the energy consumption of vehicles for entire continents. You can define the parameters that represent your study and modify them to observe how they react to specific dynamics. Furthermore you can compare your results to the well-arranged assembly of predefined scenarios at your disposal.

Licenses for the professional version of OPTIRESOURCE are available.

**Please send a request to to obtain a test account: [optiresource.org/account](https://optiresource.org/account)**



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