

## Concawe publishes a unique life-cycle assessment interactive comparator for heavy-duty vehicles.

**Brussels, 18 September 2023:** In partnership with IFP Energies Nouvelles, Concawe released today its Life-Cycle Assessment (LCA) interactive comparator for heavy-duty vehicles. This tool, which allows multiple powertrain technologies and energy options to be compared against each other for 5 different heavy-duty vehicle types, offers an outstanding level of interactivity, using sound science and verified data that should help policy-makers in designing a robust regulatory framework, which from the various scenarios tested in the tool should be eclectic, including a variety of technology options depending on the use cases.

The [Concawe GHG comparator](#) published today shows the life-cycle assessment of greenhouse gas emissions from 5 different heavy-duty vehicle types in real-world conditions.

### One could argue, what, another comparator? Aren't there already enough?

Alessandro Bartelloni, FuelsEurope Director commented *"no! This online comparator has unique characteristics:*

- ✓ *Transparent assumptions: Independent data sources, peer-reviewed and thoroughly documented.*
- ✓ *14 different parameters out of which the user is allowed to adjust a number of parameters (7 parameters can be adjusted) as he/she deems suitable.*
- ✓ *5 vehicles options including long haul truck, urban delivery truck, city bus, inter regional coach and refuse truck (garbage collector).*
- ✓ *5 powertrain options.*
- ✓ *26 energy options."*

### Why is it needed?

The FuelsEurope Director underlined *"As powertrains diversify – hybrids, plug-in hybrids, battery electric vehicles and fuel cell hydrogen vehicles – along with internal combustion engine vehicles fuelled by growing quantities of renewable fuels - the carbon footprint over their life-cycle heavily depends on a number on conditions. These include vehicle characteristics, use cases, and carbon intensity of vehicle manufacturing and fuel/electricity production."*

He concluded *"have a look at the comparator, you will be surprised and most likely fascinated by the learnings you will get from the tool."*

You can navigate through this interactive tool at [www.hdvco2comparator.eu](http://www.hdvco2comparator.eu).

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FuelsEurope, the voice of the European fuel manufacturing industry. FuelsEurope represents with the EU institutions the interest of 39 companies manufacturing and distributing liquid fuels and products for mobility, energy & feedstocks for industrial value chains in the EU.

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