Scenario analyses for the techno-economical evaluation of the market diffusion of future commercial vehicle concepts

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Methodology

- Combined bottom-up, agent-based and discrete choice modelling approach

Results

- Market potential identified for HEV in the LCV market and for CNG vehicles in the HCV market
- BEV and FCEV vehicle concepts are not competitive under the given framework

Conclusion

- Significant market shares for electrified powertrains only when CO₂ regulations are in place