

# Comparing value chain GHG emissions in the power and transport sectors for selected technologies

Addendum to the study results

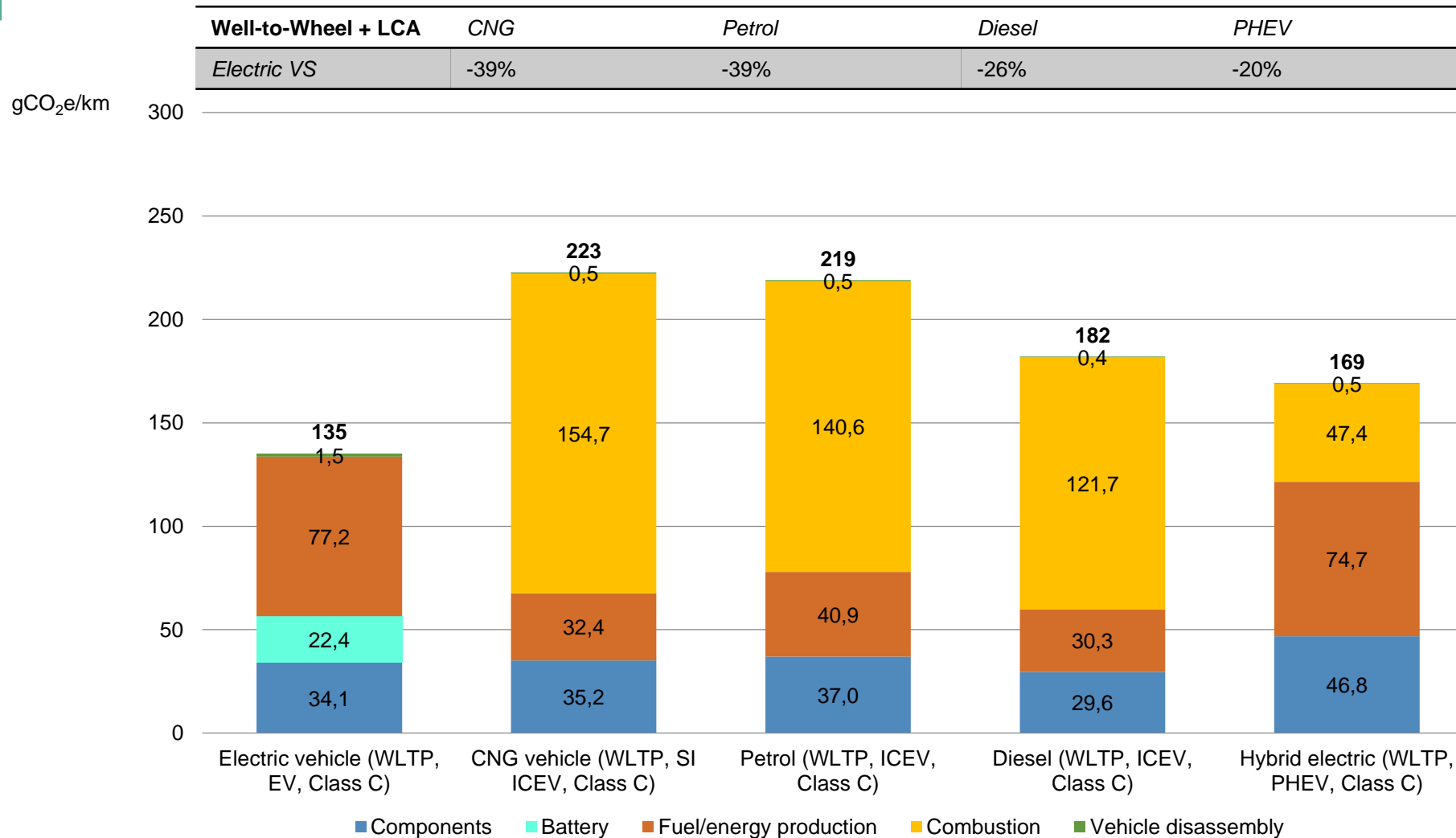
11/06/2019

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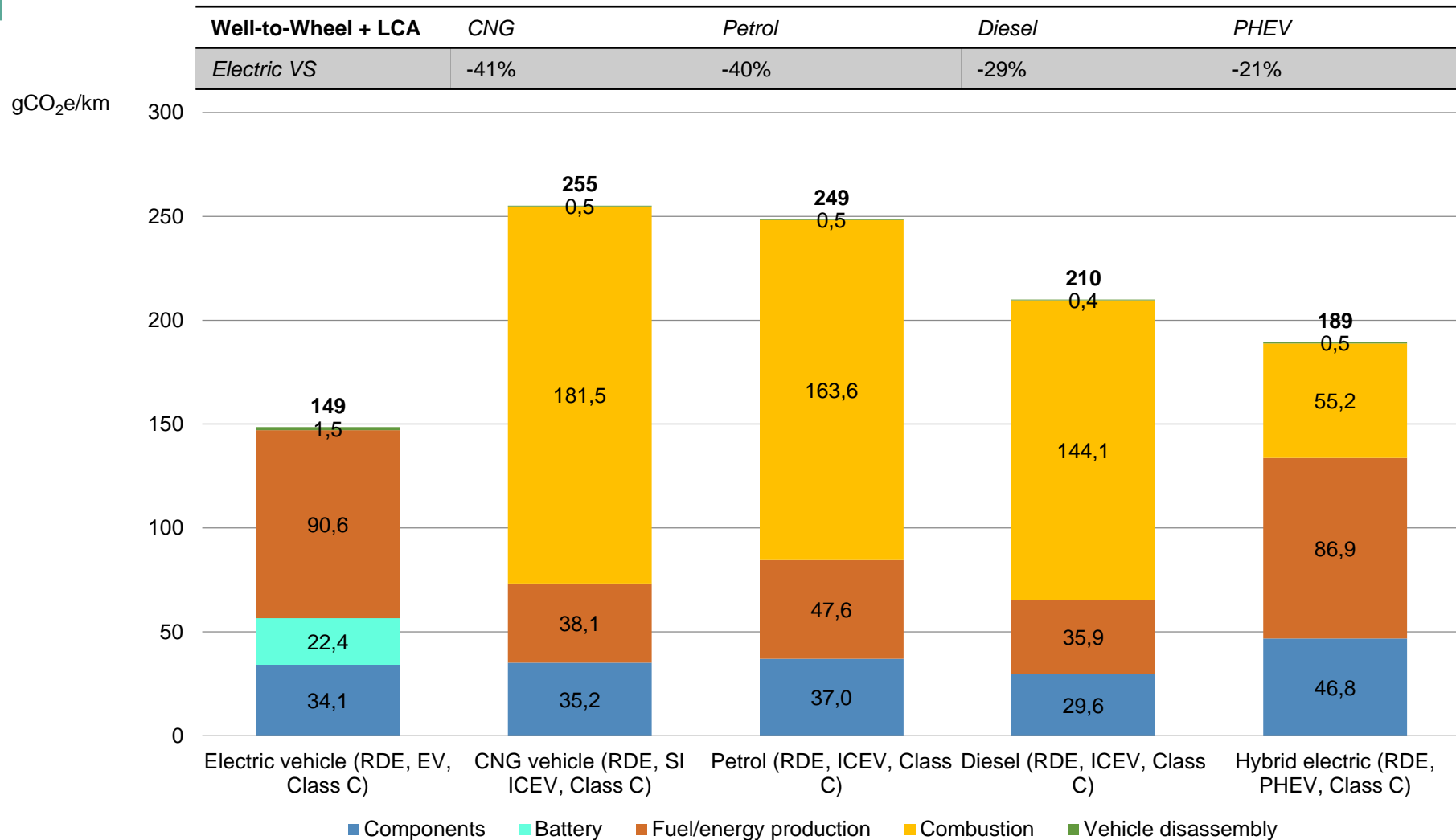
*The business of sustainability*



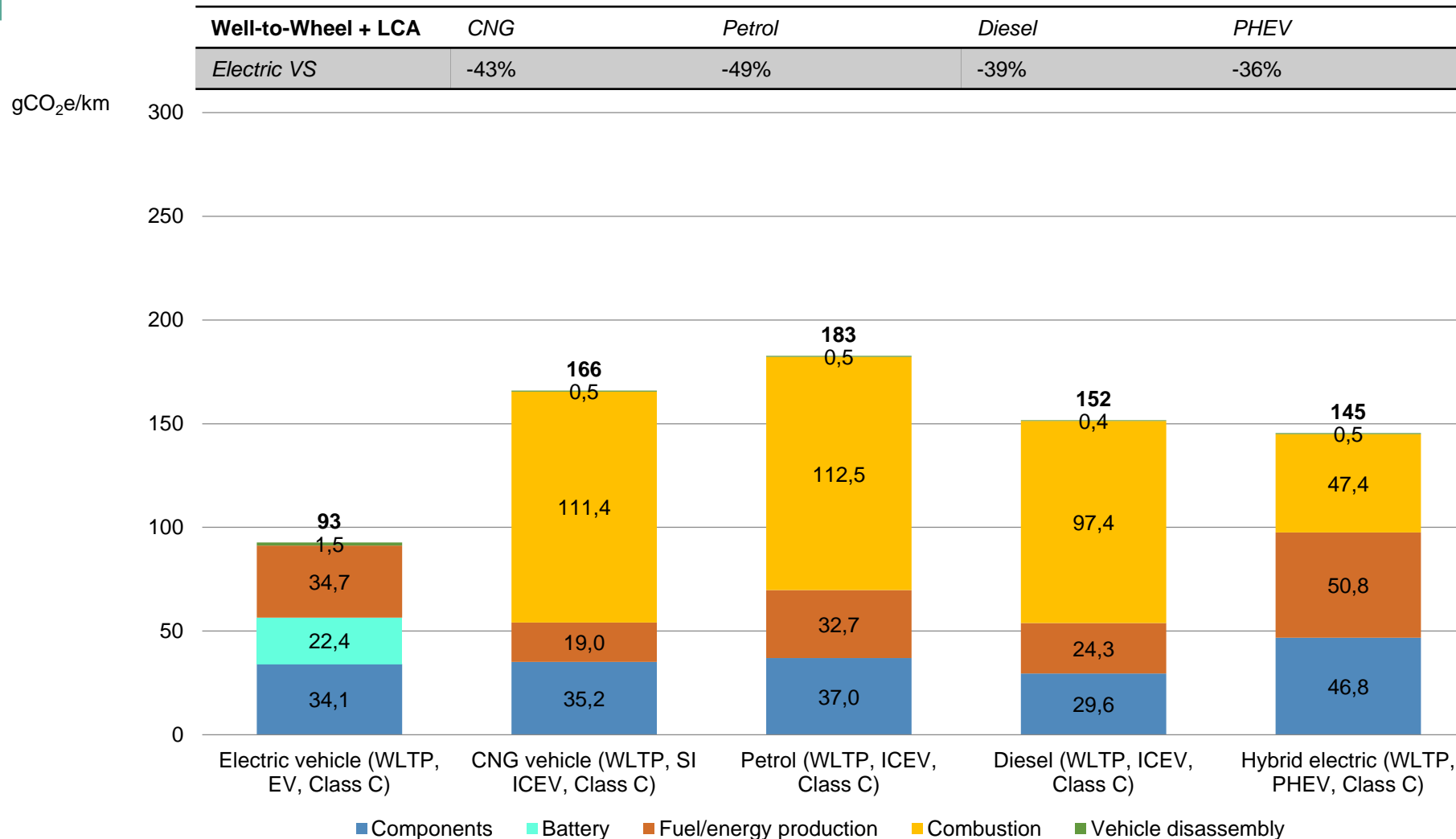
# Transport baseline (2015) Italy – Worldwide harmonized Light vehicles Test Procedure (WLTP)



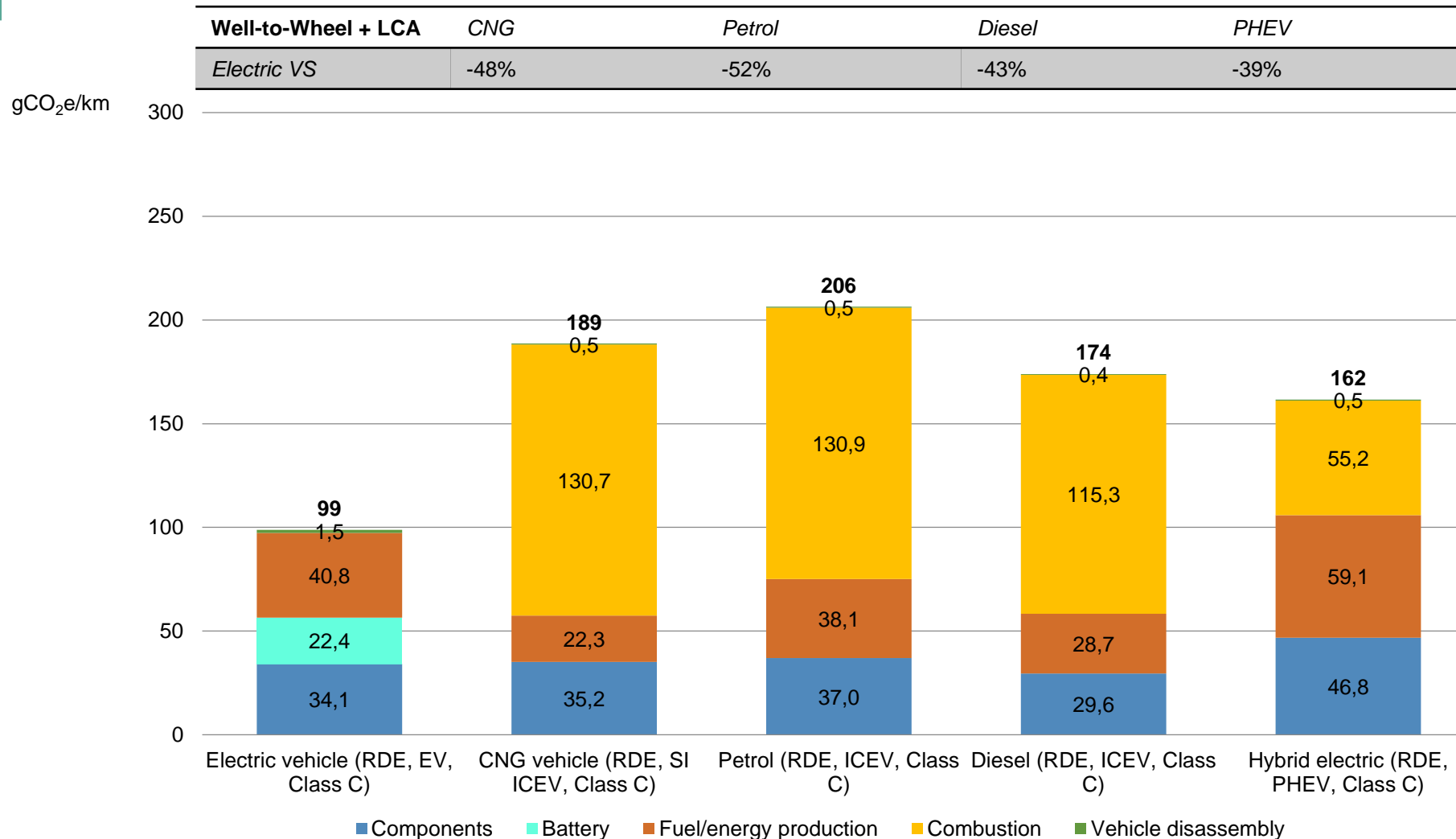
# Transport baseline (2015) Italy – Real Driving Emissions (RDE)



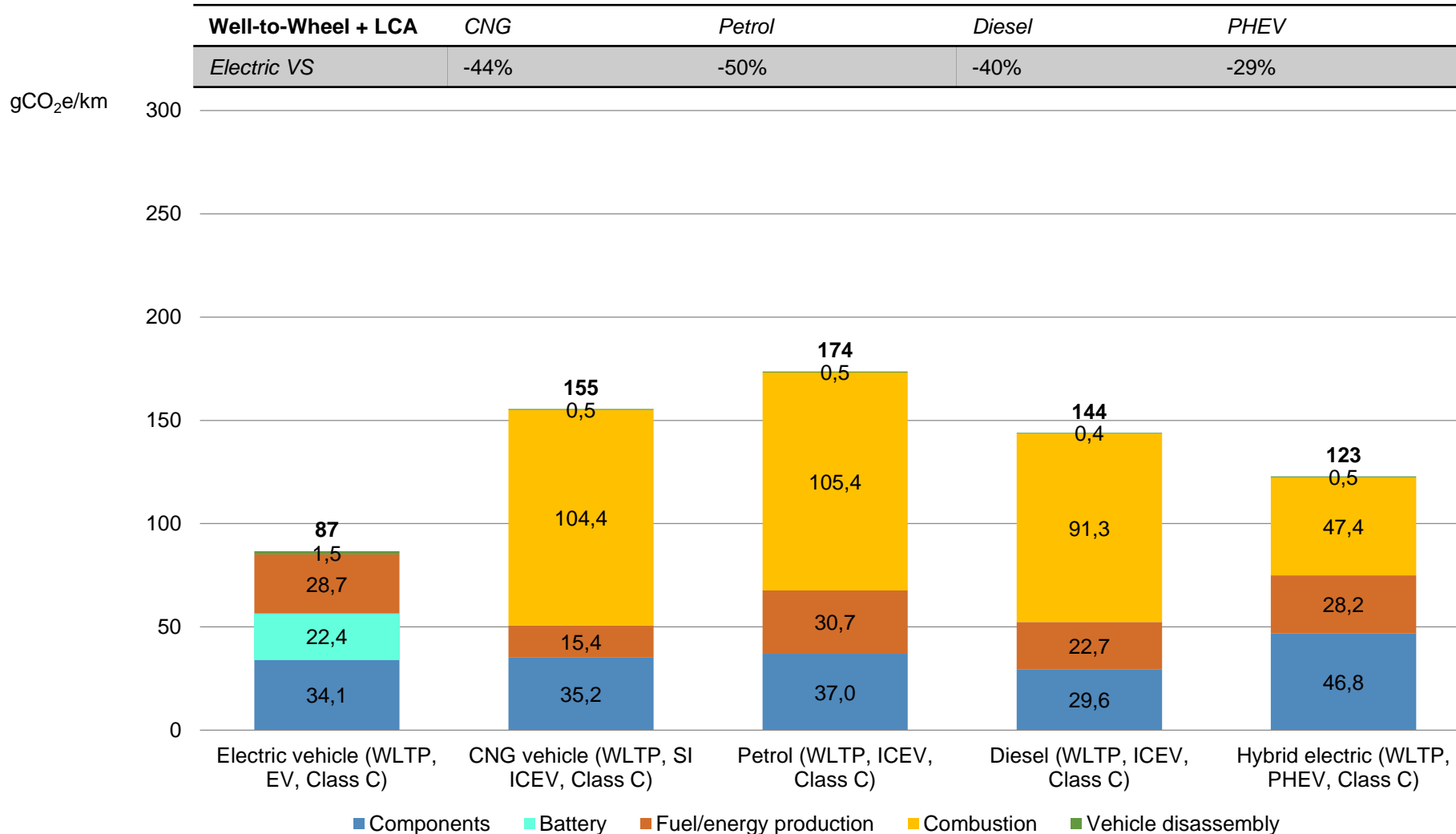
# Transport 2030 (EUCO30) Italy – Worldwide harmonized Light vehicles Test Procedure (WLTP)



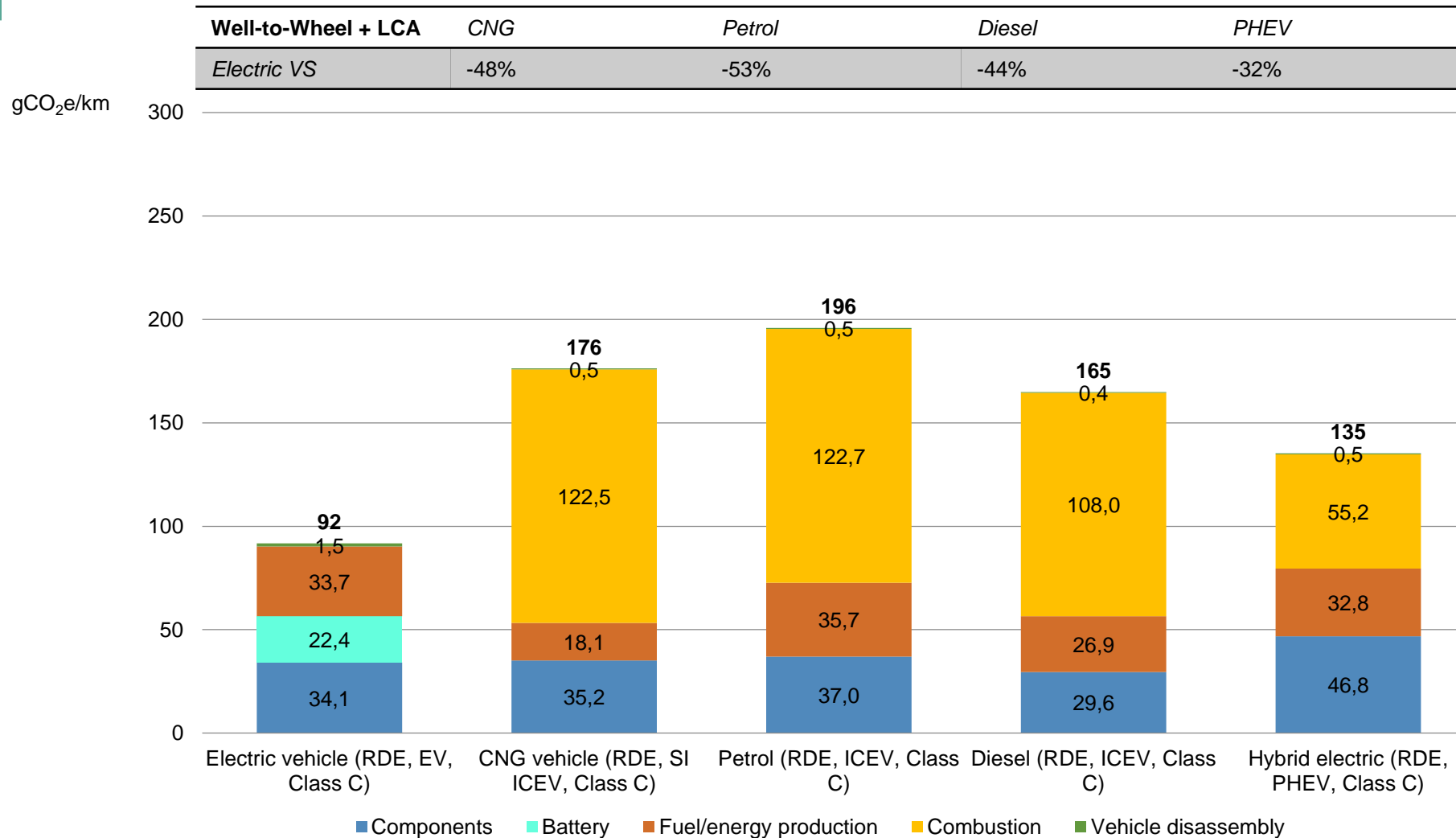
# Transport 2030 (EUCO30) Italy – Real Driving Emissions (RDE)



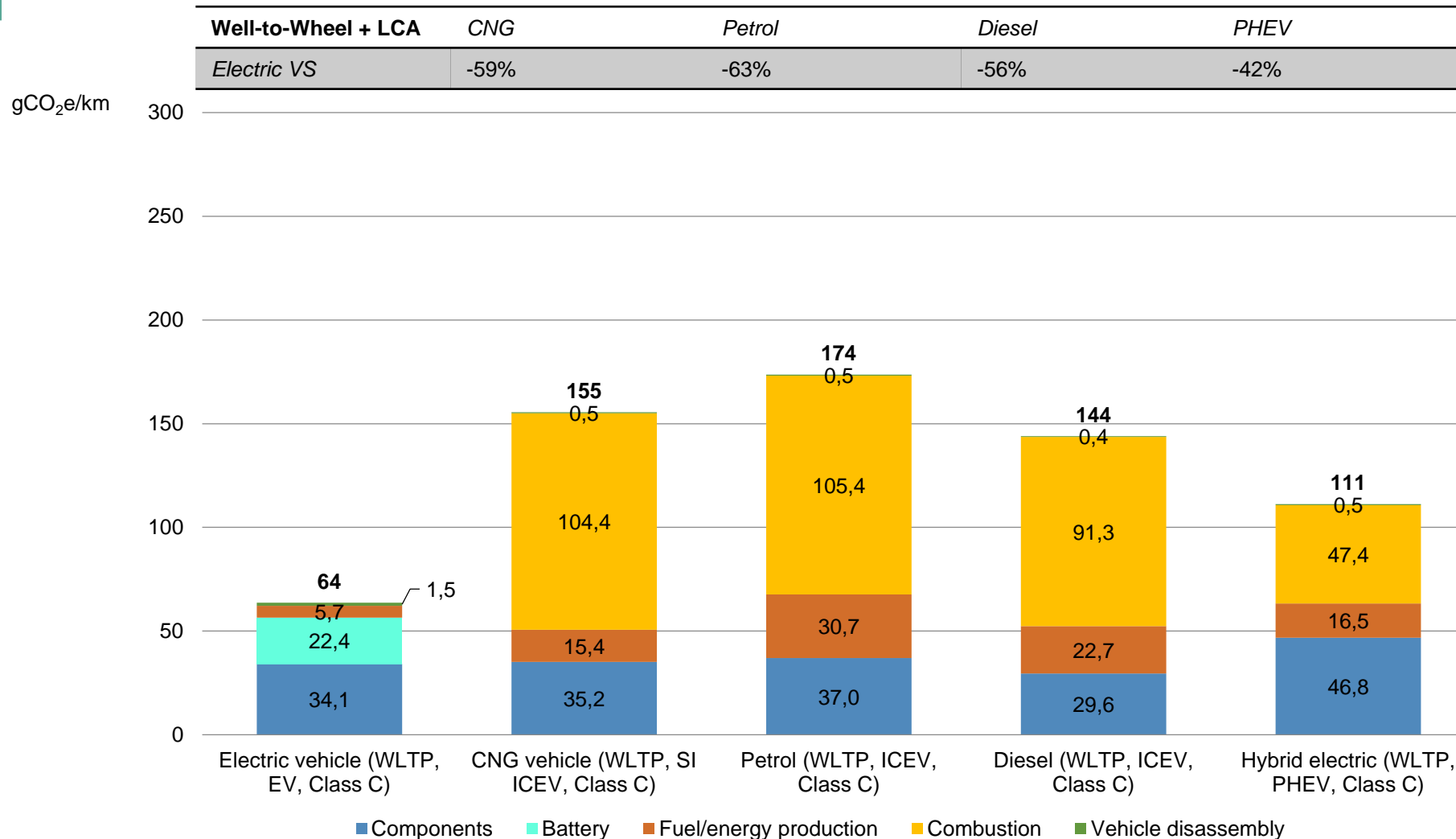
# Transport 2050 (NPS) Italy – Worldwide harmonized Light vehicles Test Procedure (WLTP)



# Transport 2050 (NPS) Italy – Real Driving Emissions (RDE)

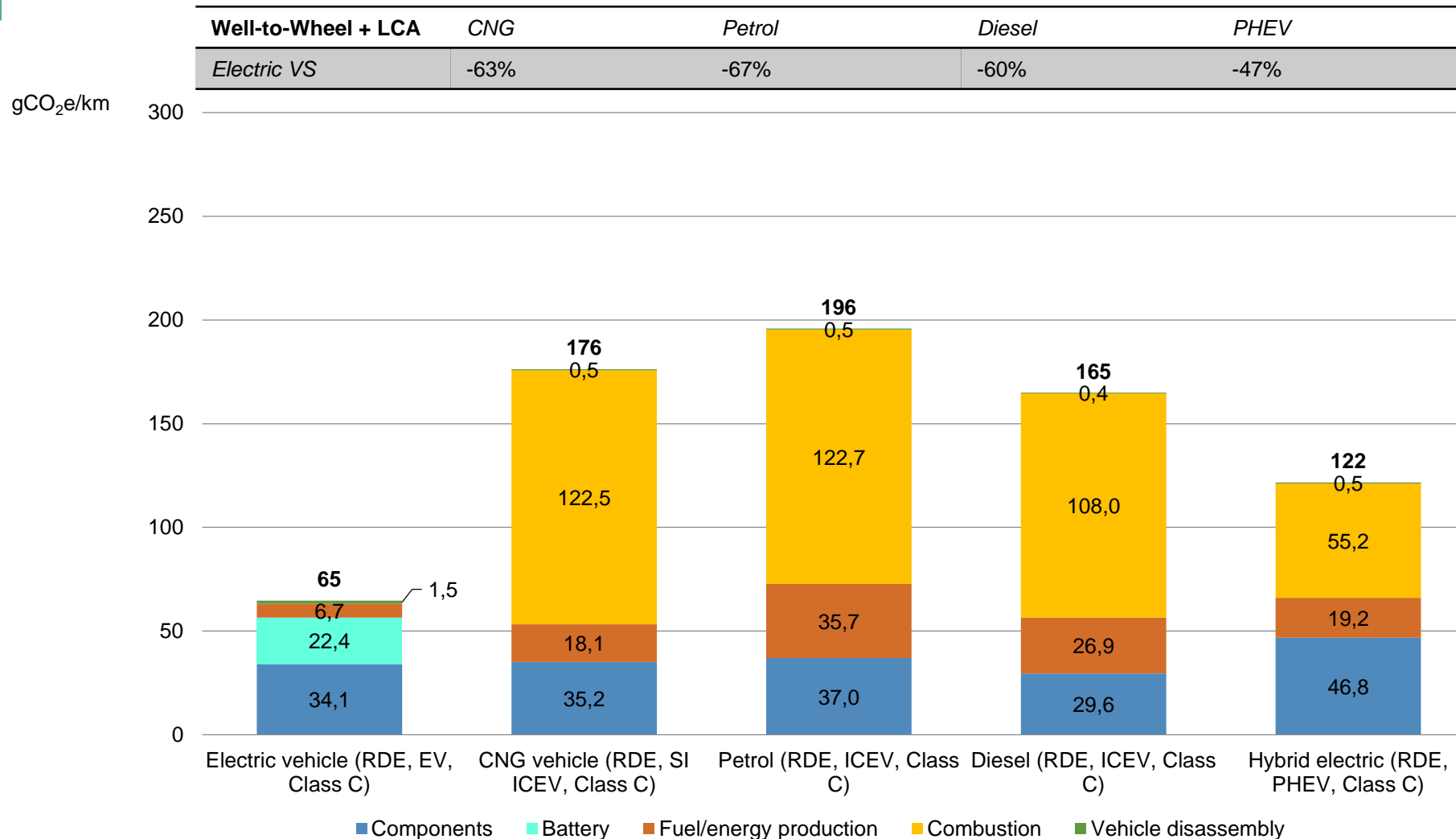


# Transport 2050 (2DS) Italy – Worldwide harmonized Light vehicles Test Procedure (WLTP)

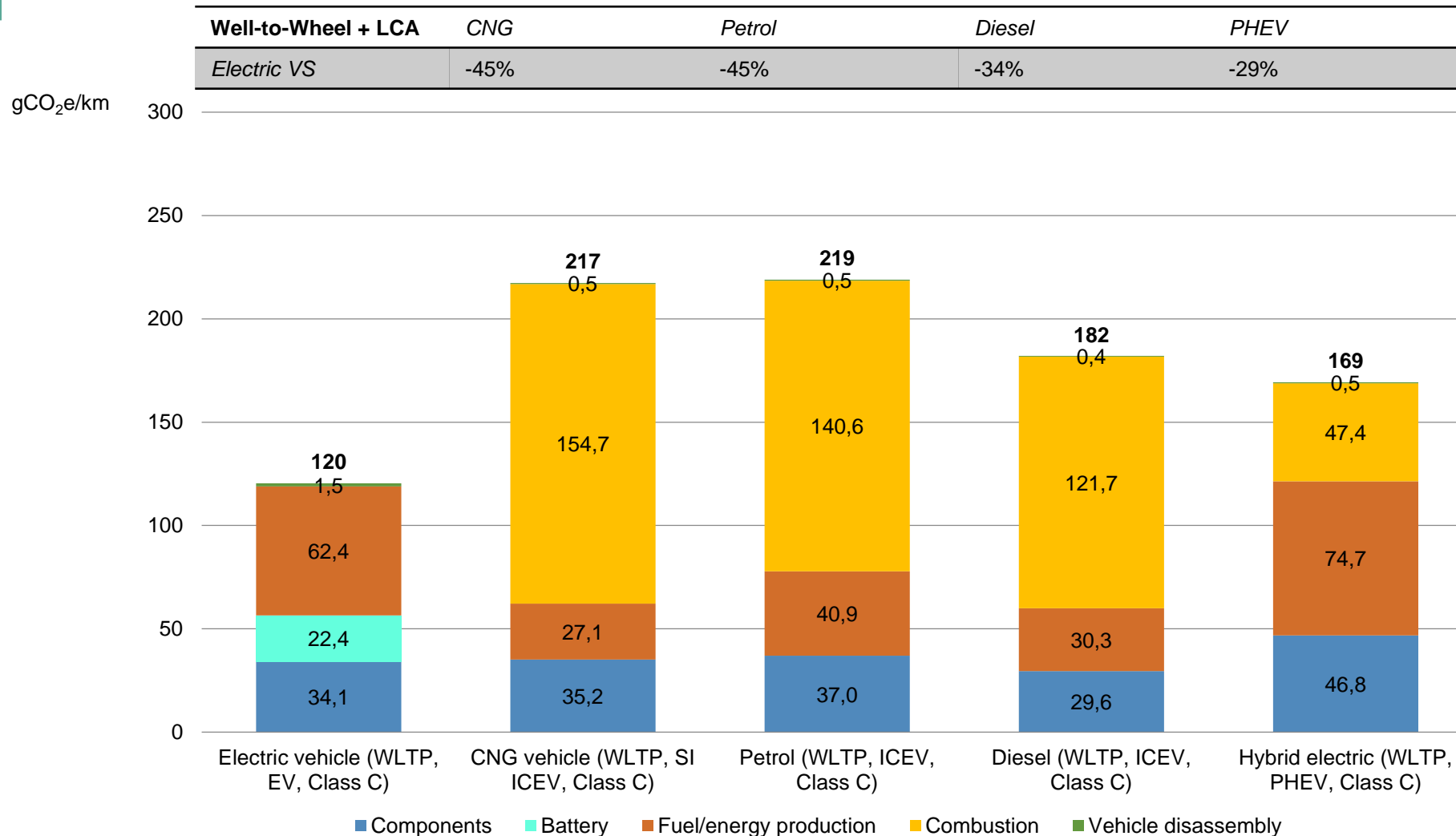




# Transport 2050 (2DS) Italy – Real Driving Emissions (RDE)

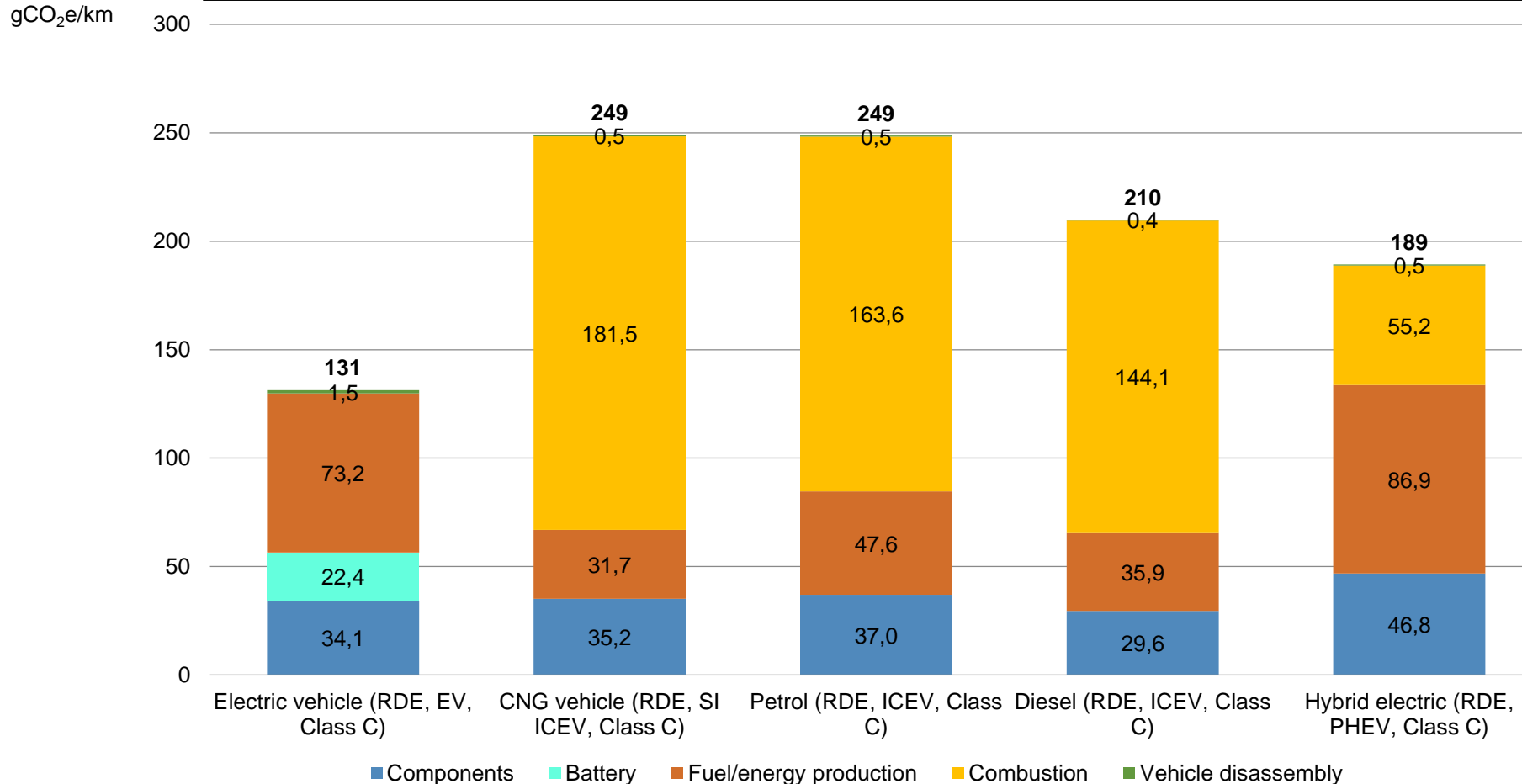


# Transport baseline (2015) Spain – Worldwide harmonized Light vehicles Test Procedure (WLTP)

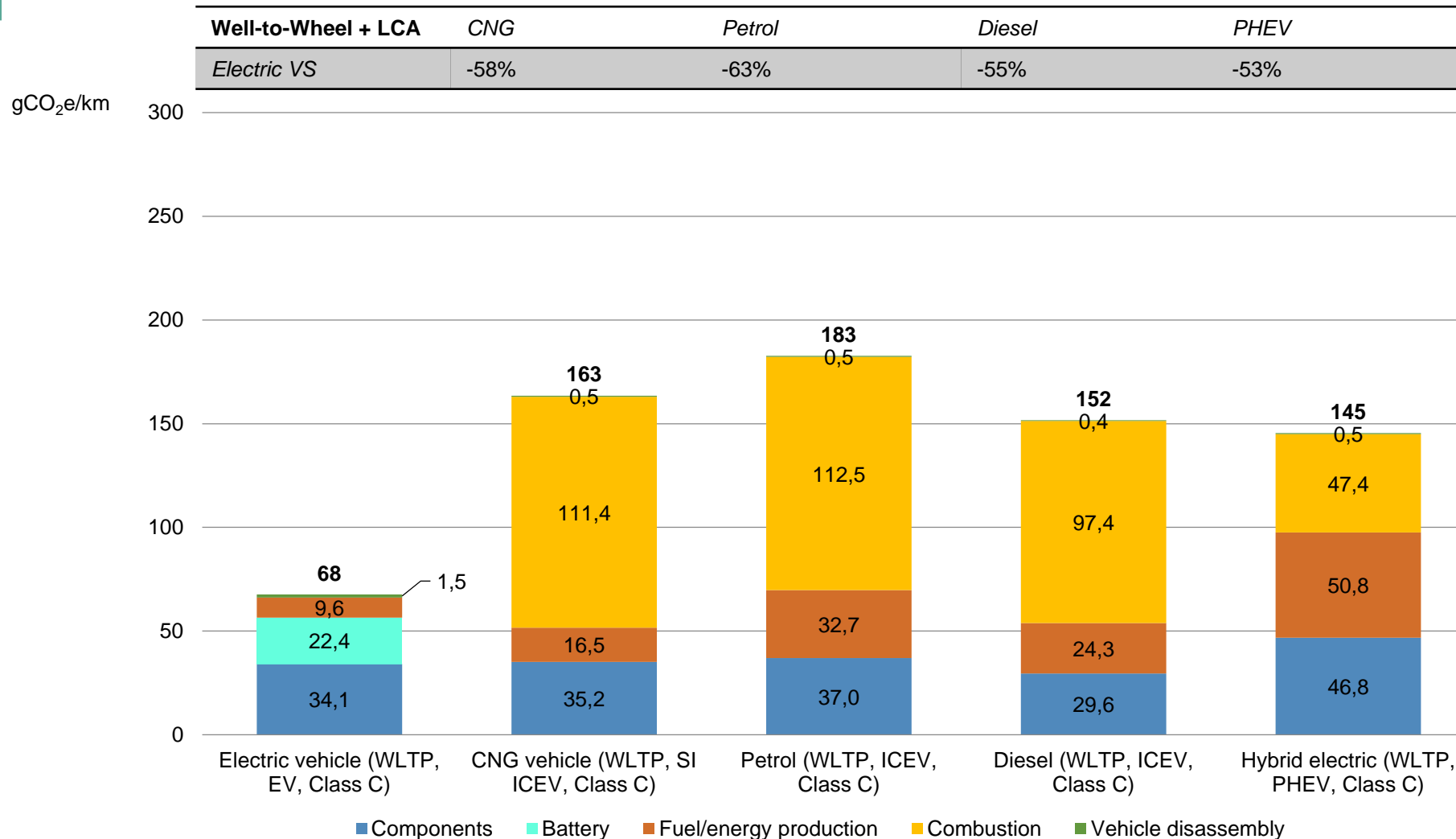


# Transport baseline (2015) Spain – Real Driving Emissions (RDE)

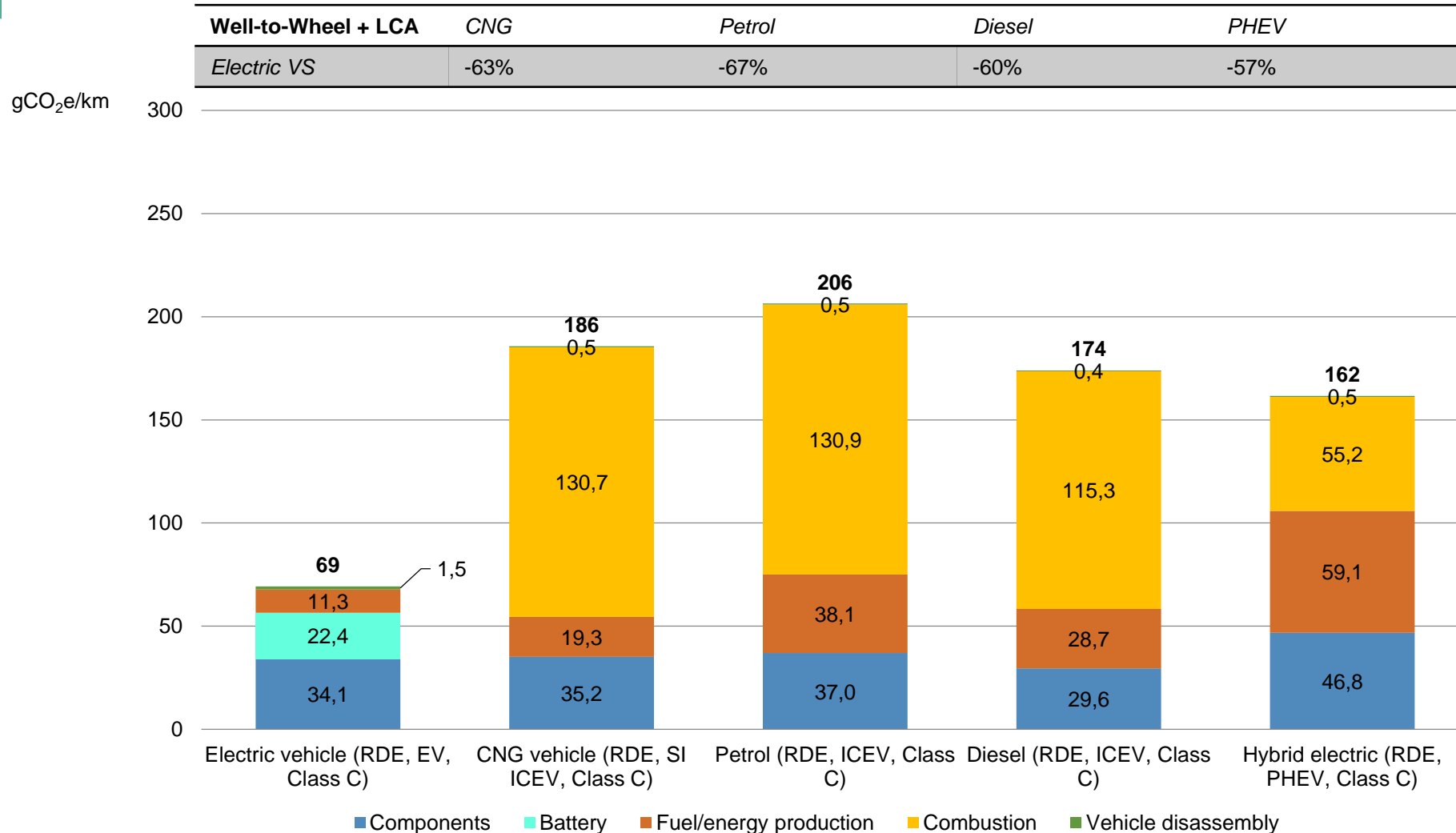
Well-to-Wheel + LCA	CNG	Petrol	Diesel	PHEV
Electric VS	-47%	-47%	-38%	-31%



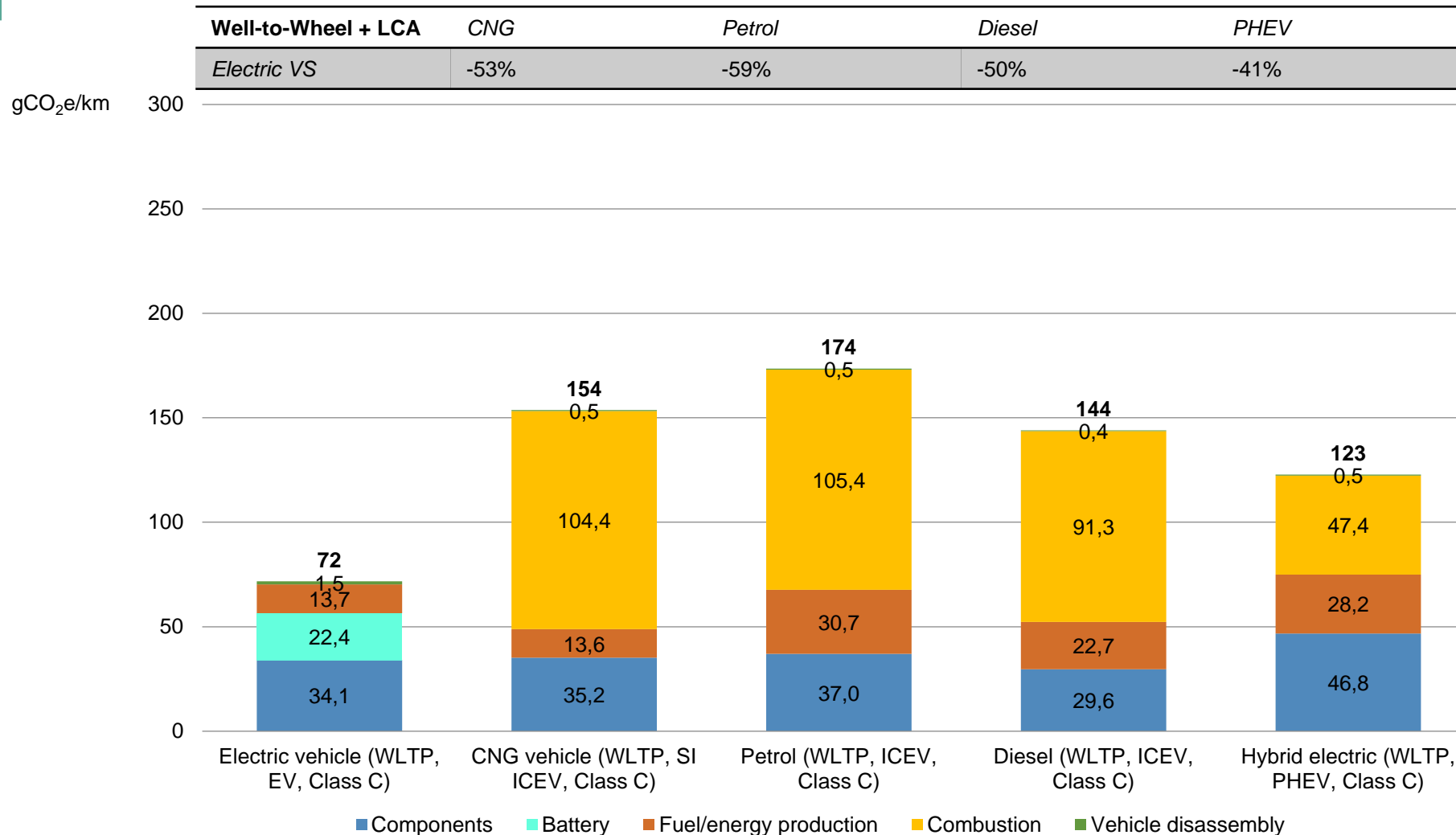
# Transport 2030 (EUCO30) Spain – Worldwide harmonized Light vehicles Test Procedure (WLTP)



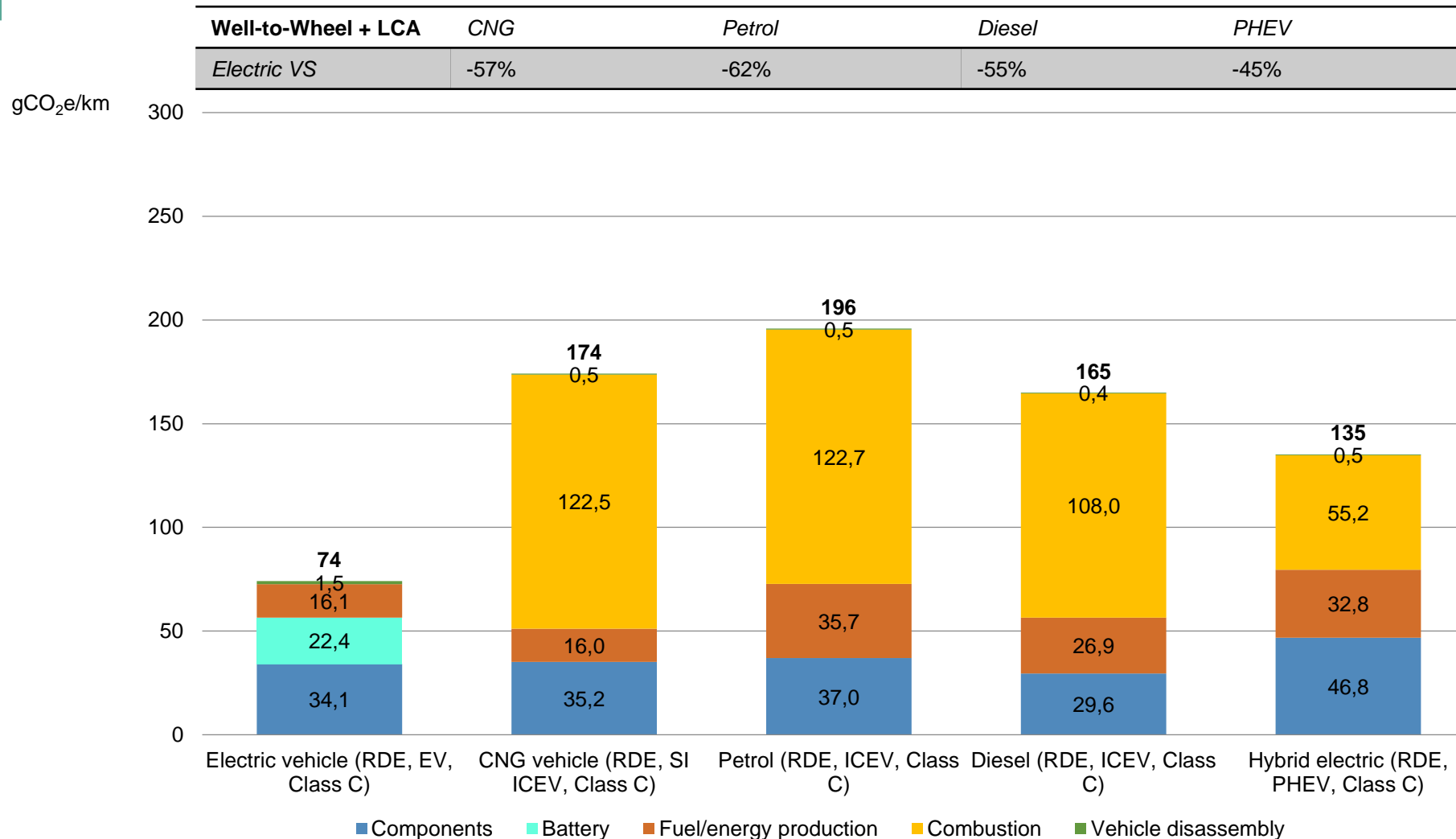
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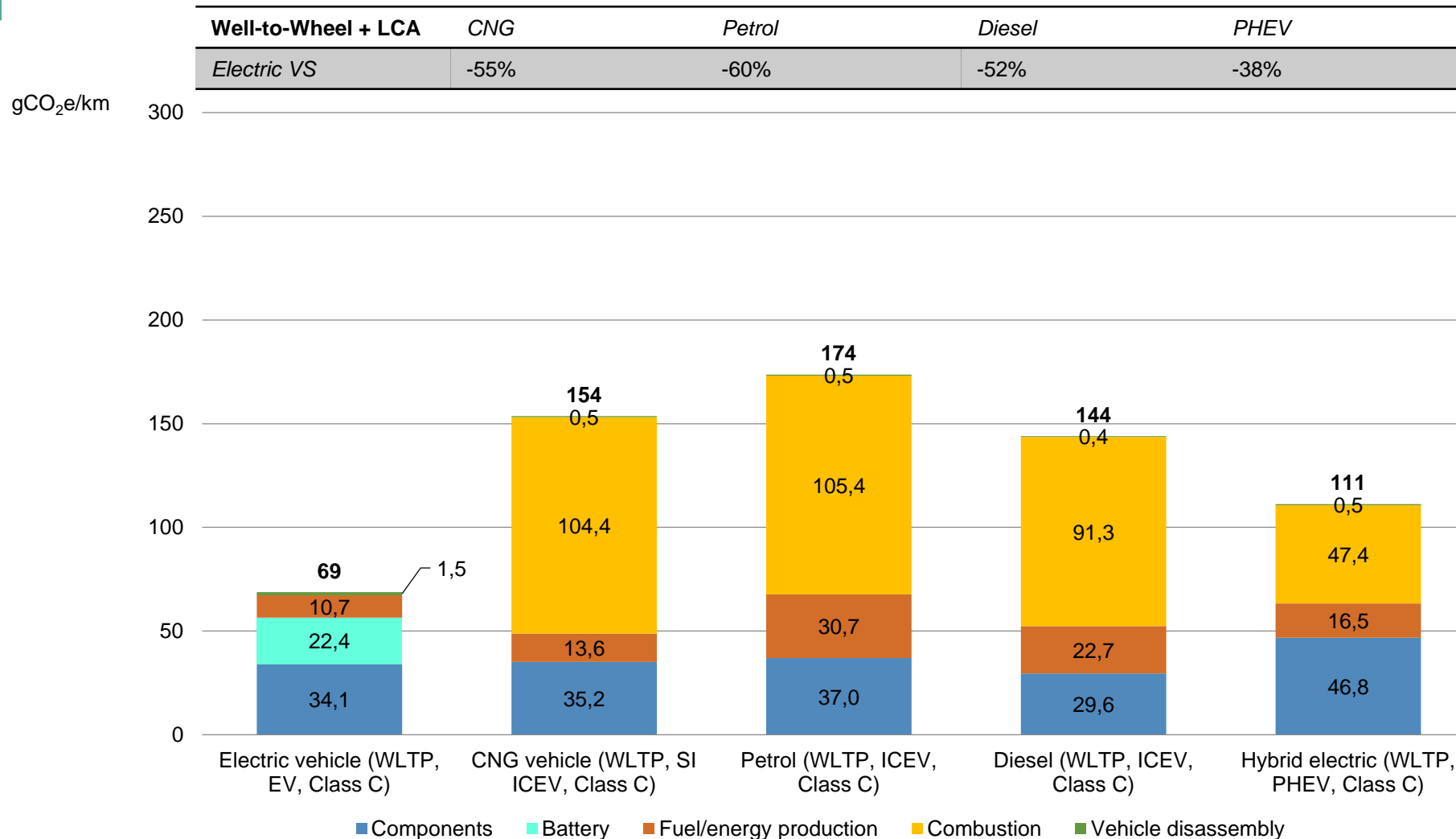
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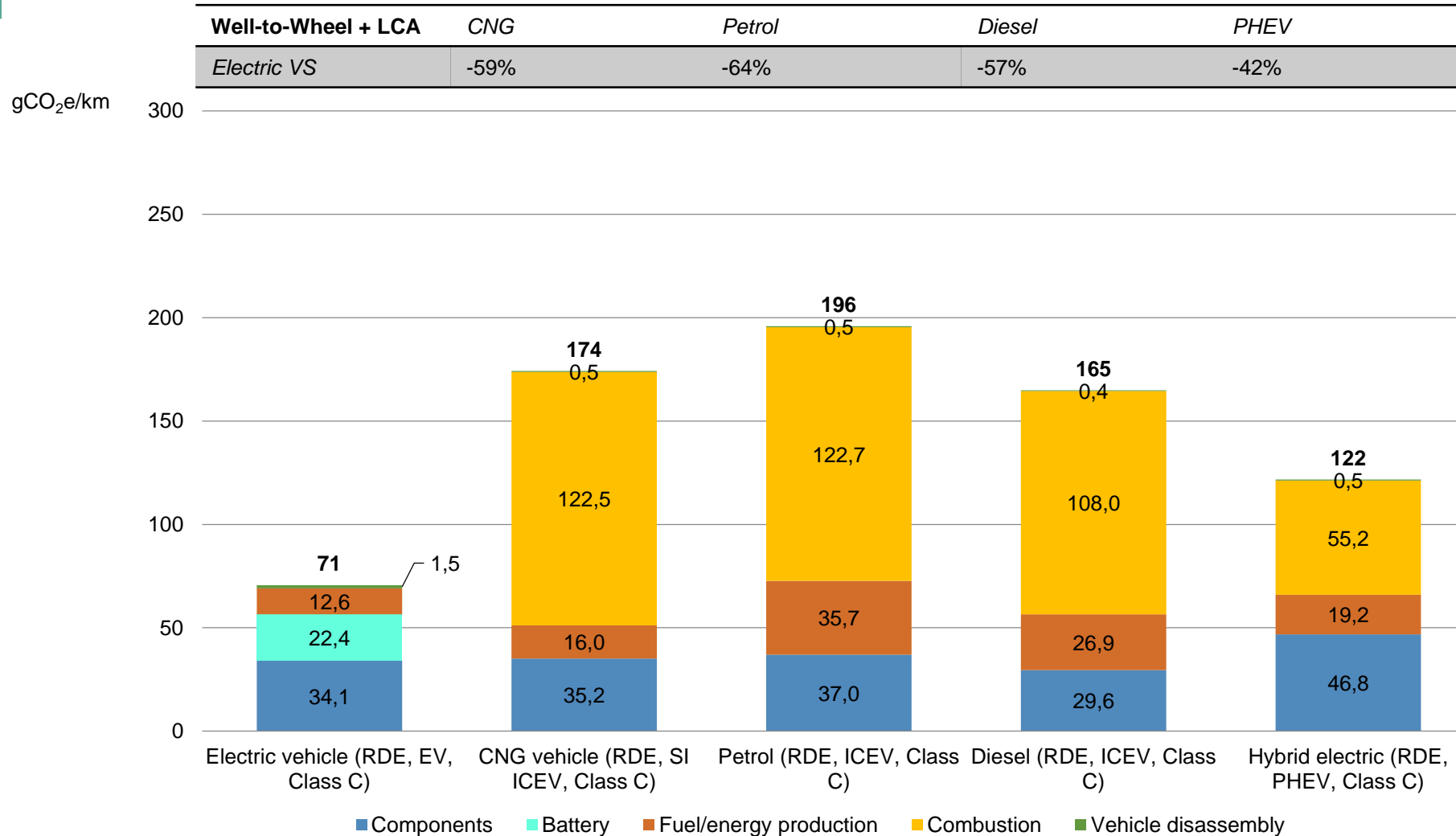


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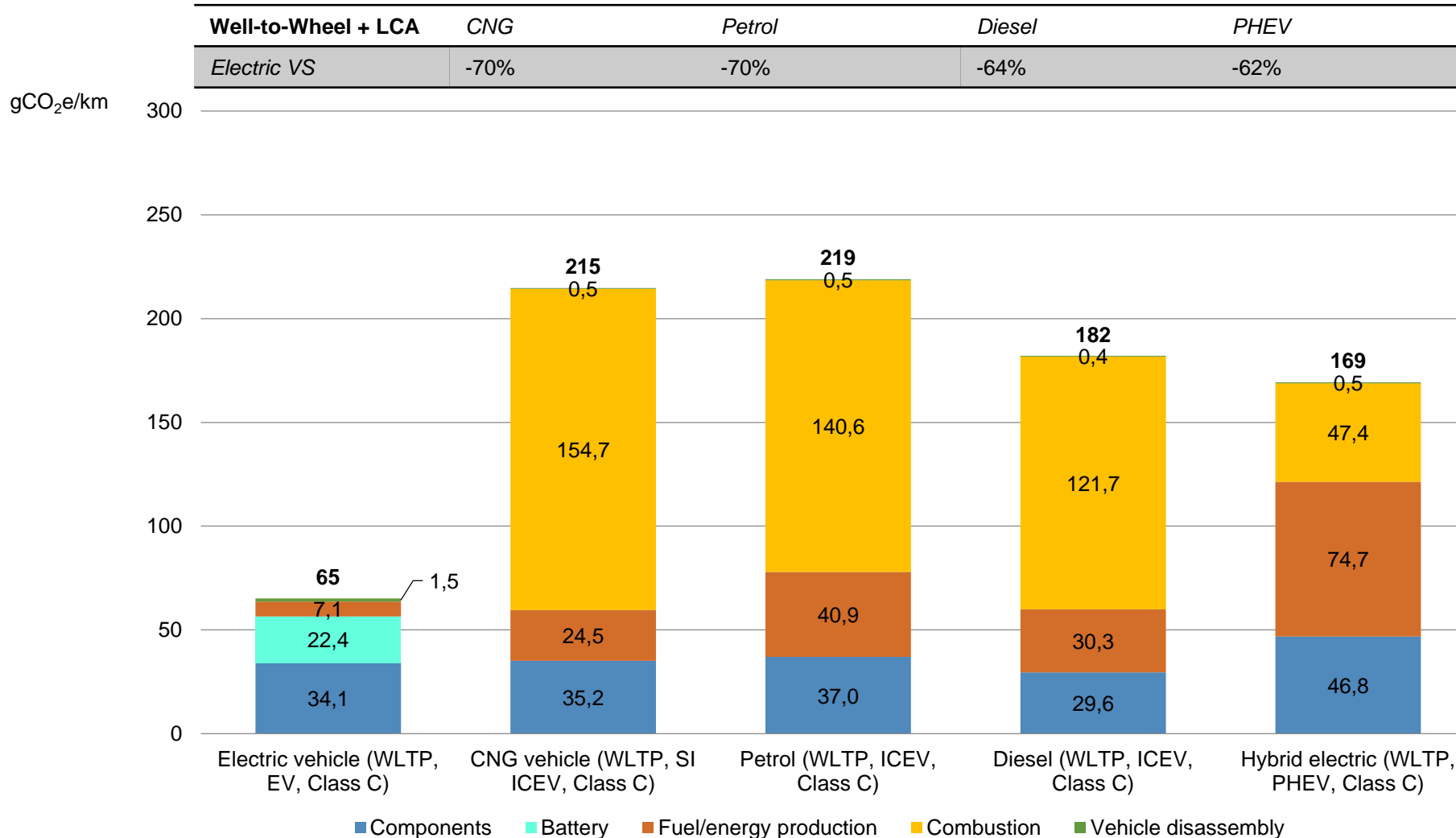




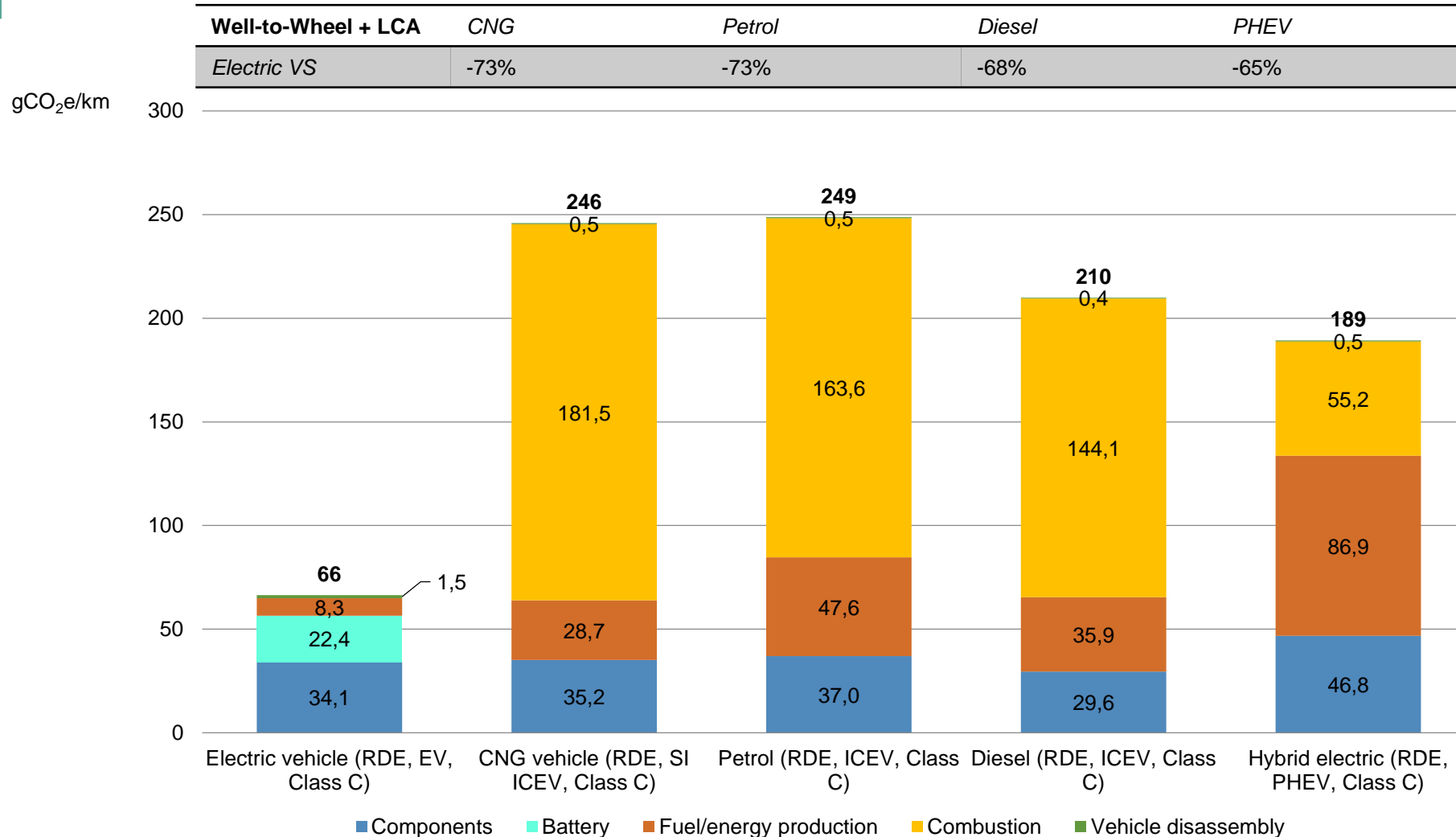
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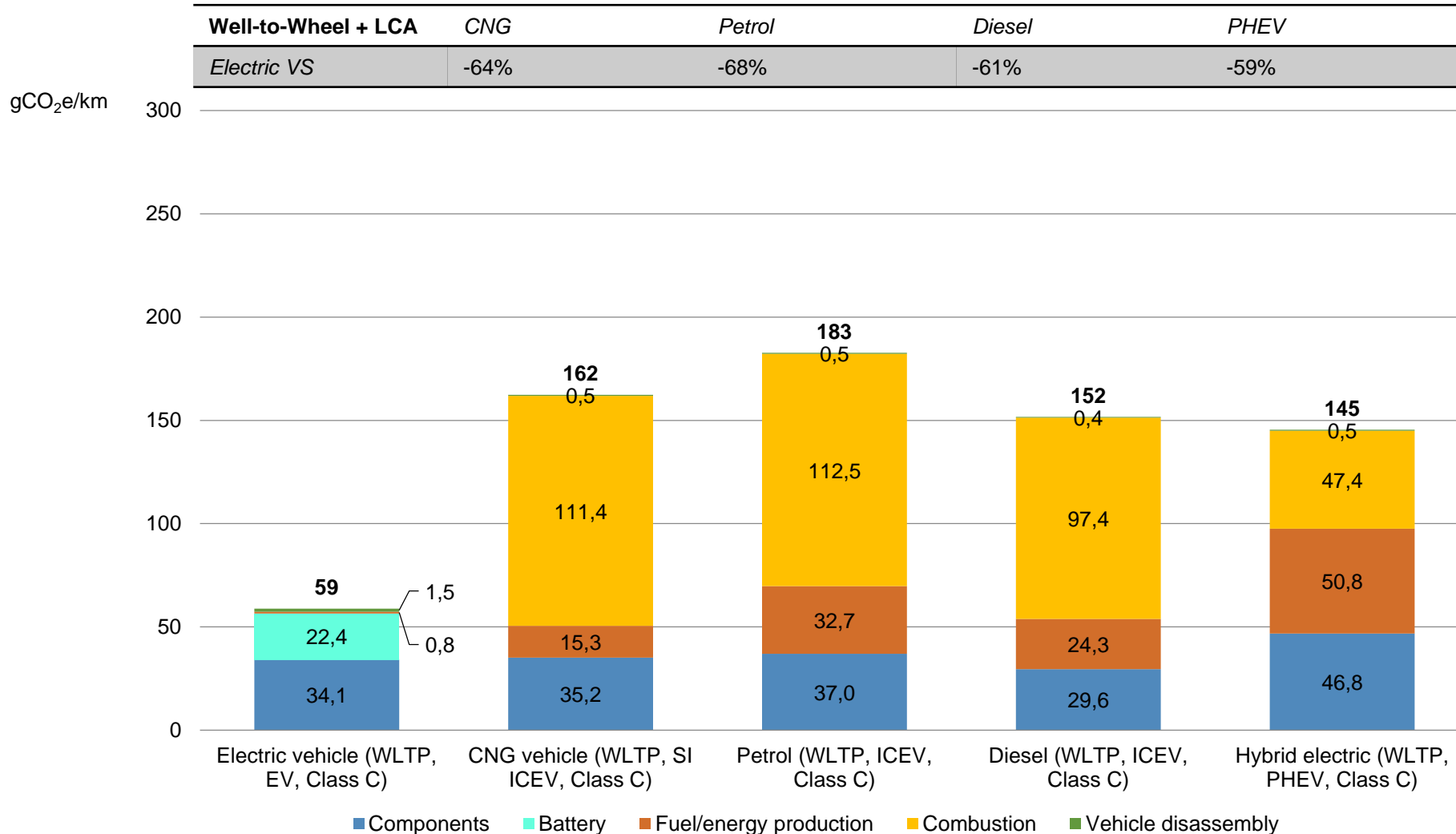
# Transport baseline (2015) France – Worldwide harmonized Light vehicles Test Procedure (WLTP)



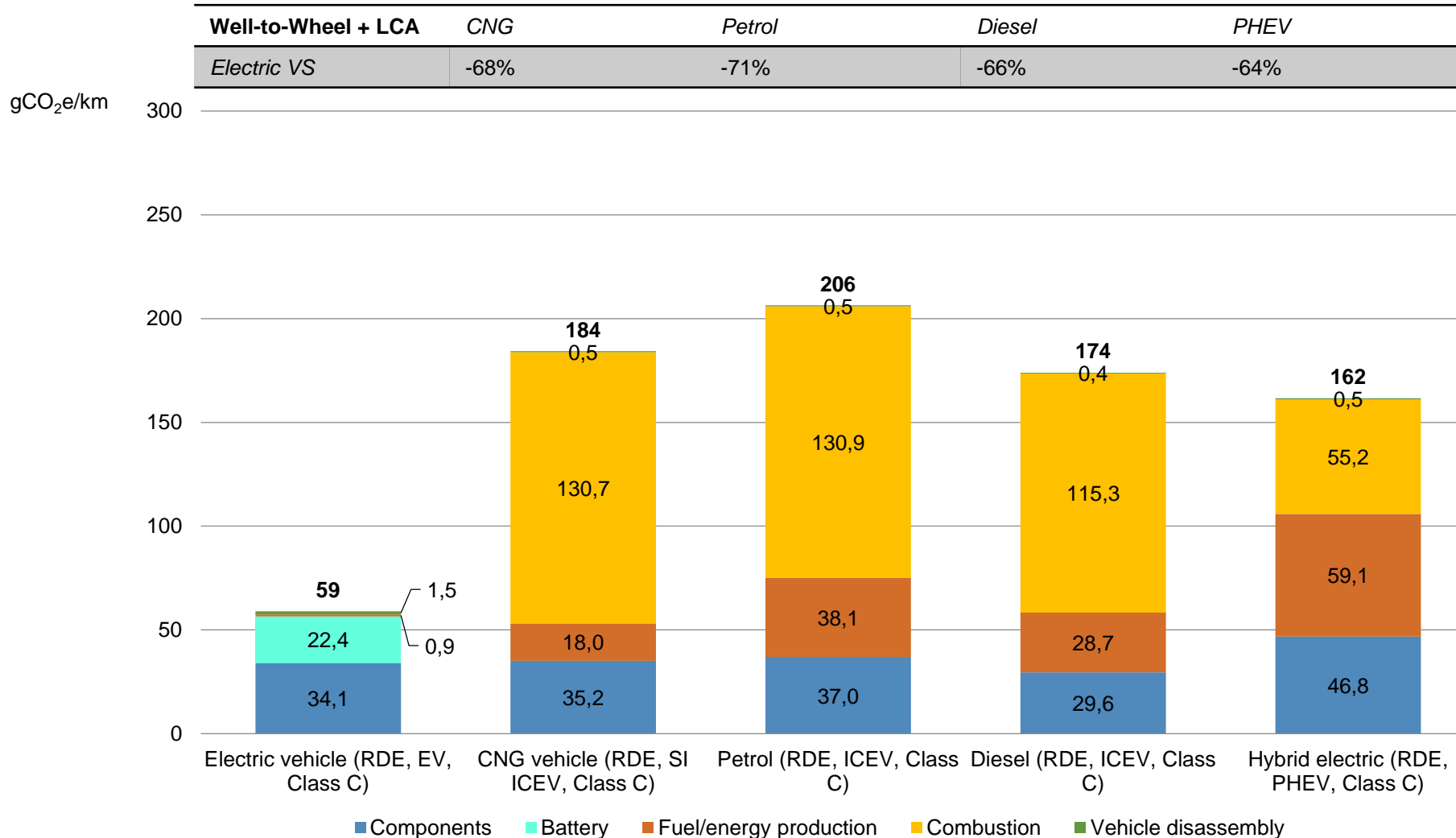
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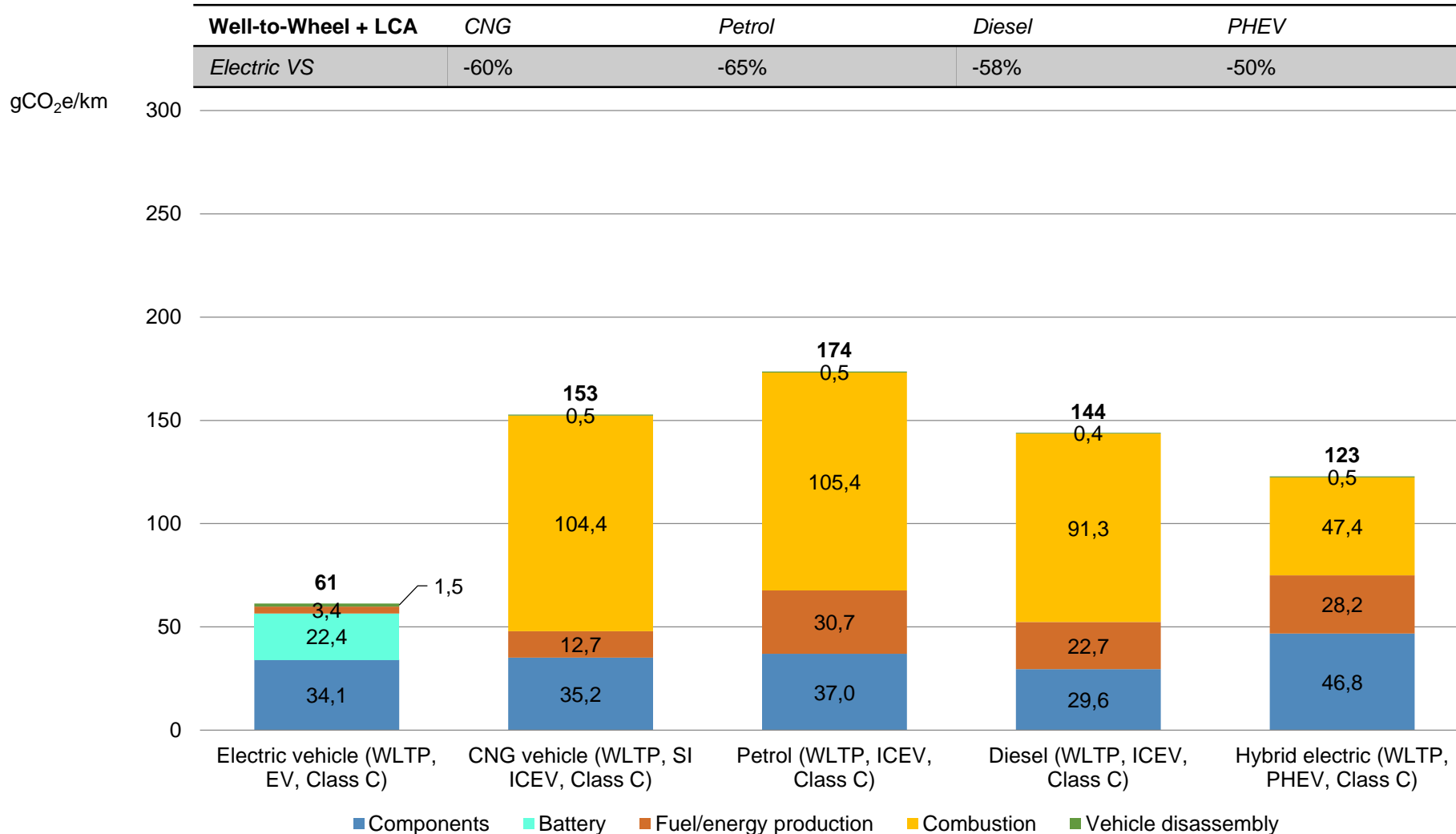
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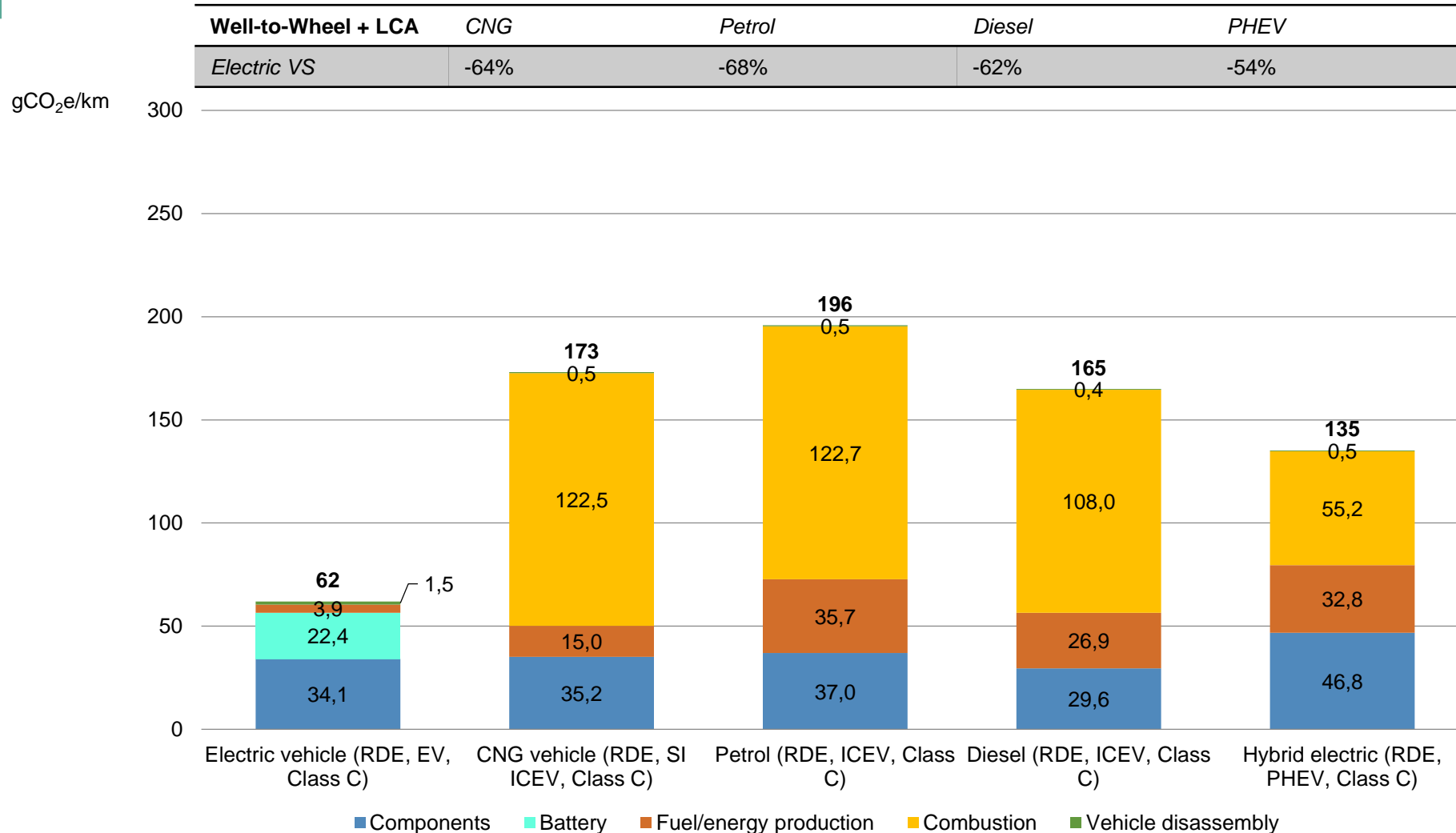
# Transport 2030 (EUCO30) France – Real Driving Emissions (RDE)



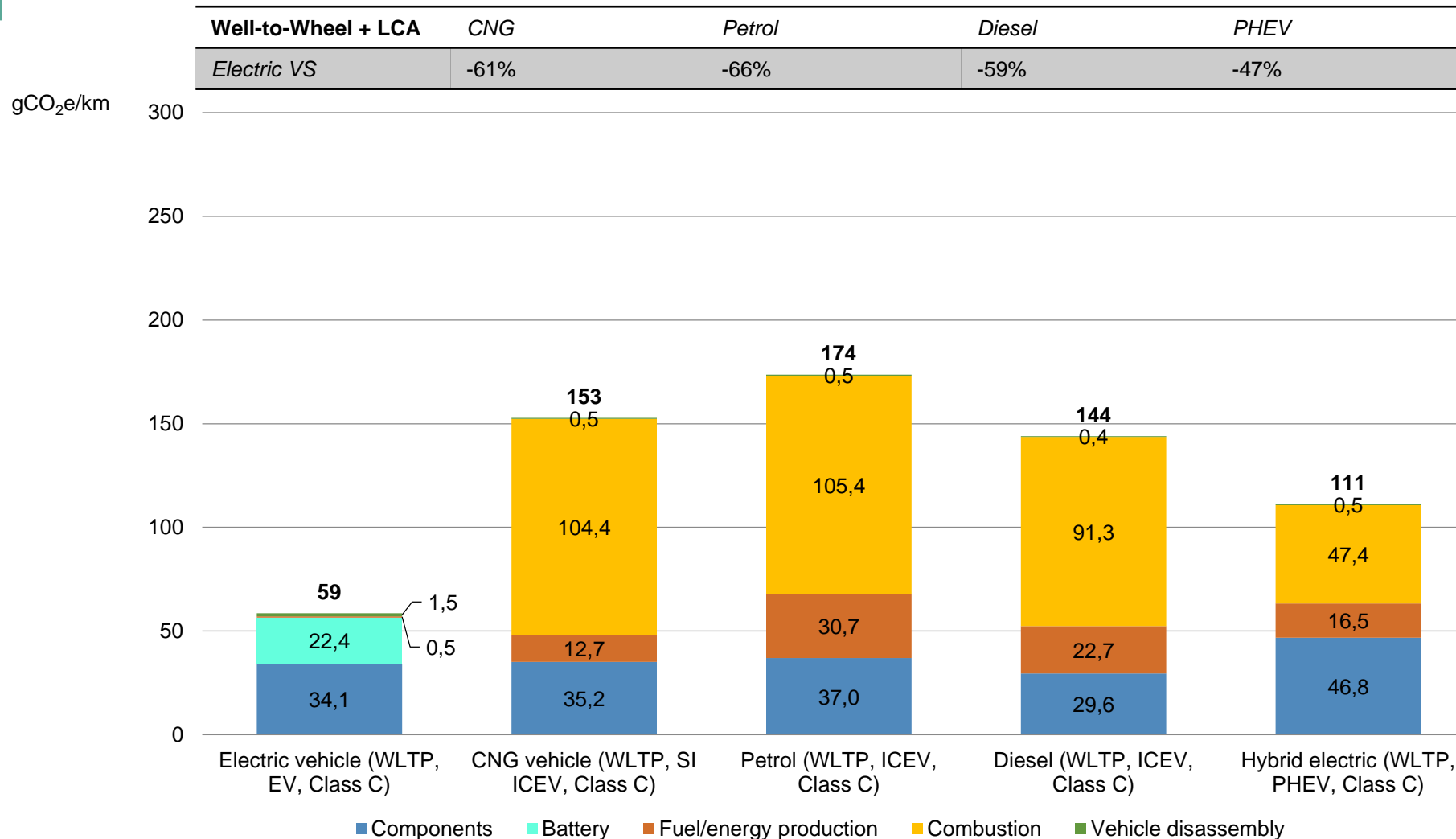
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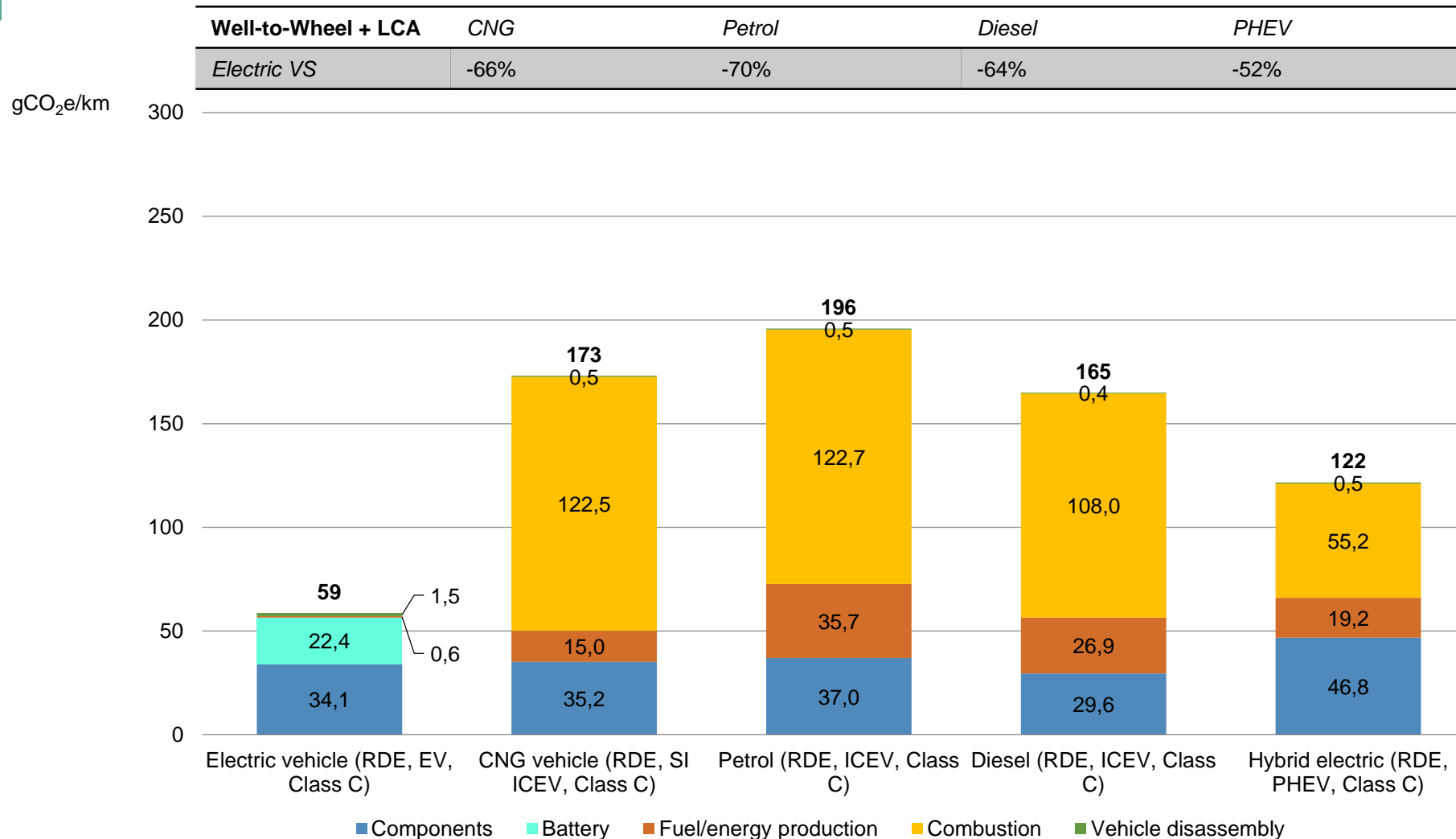


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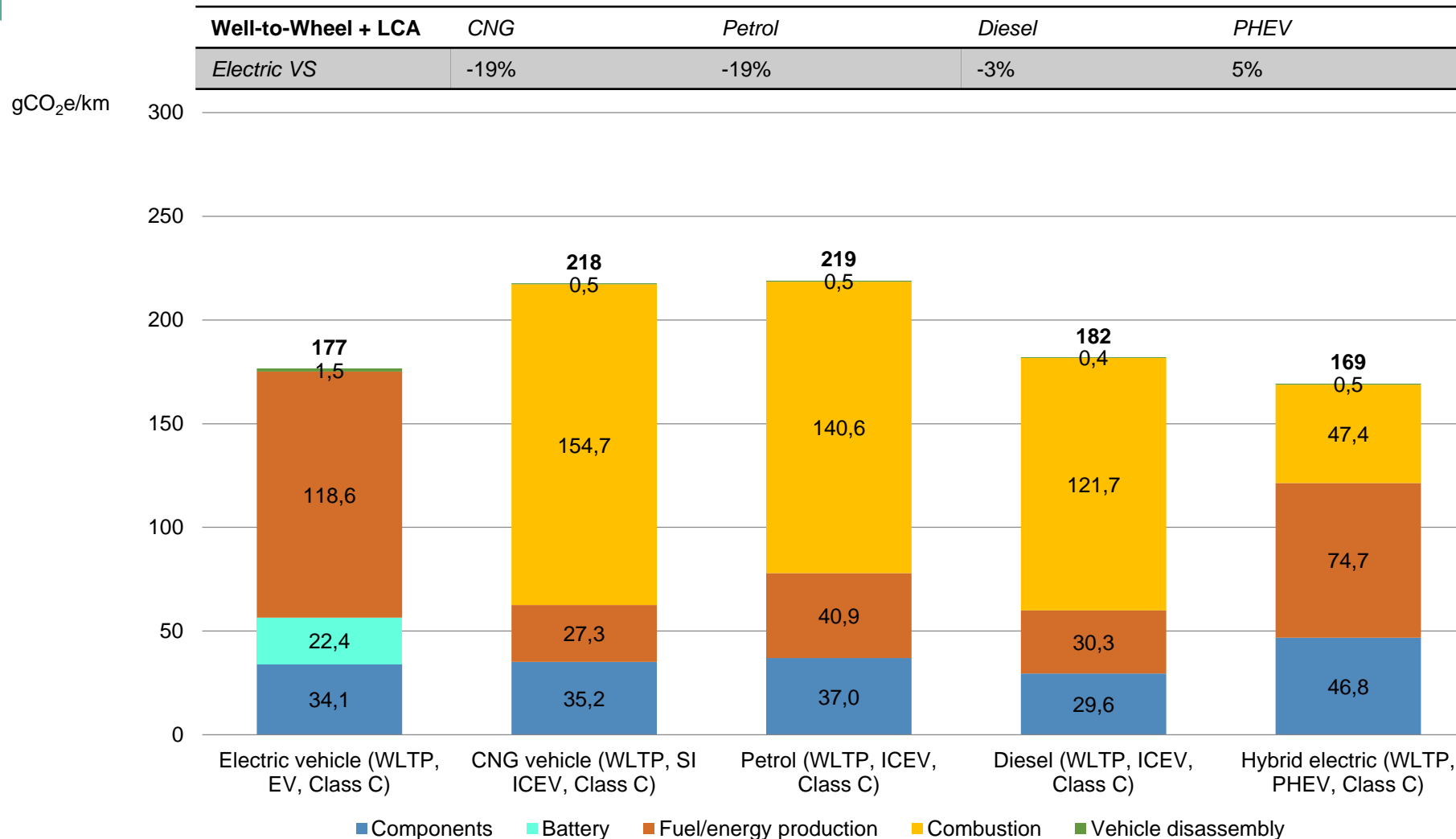




# Transport 2050 (2DS) France – Real Driving Emissions (RDE)

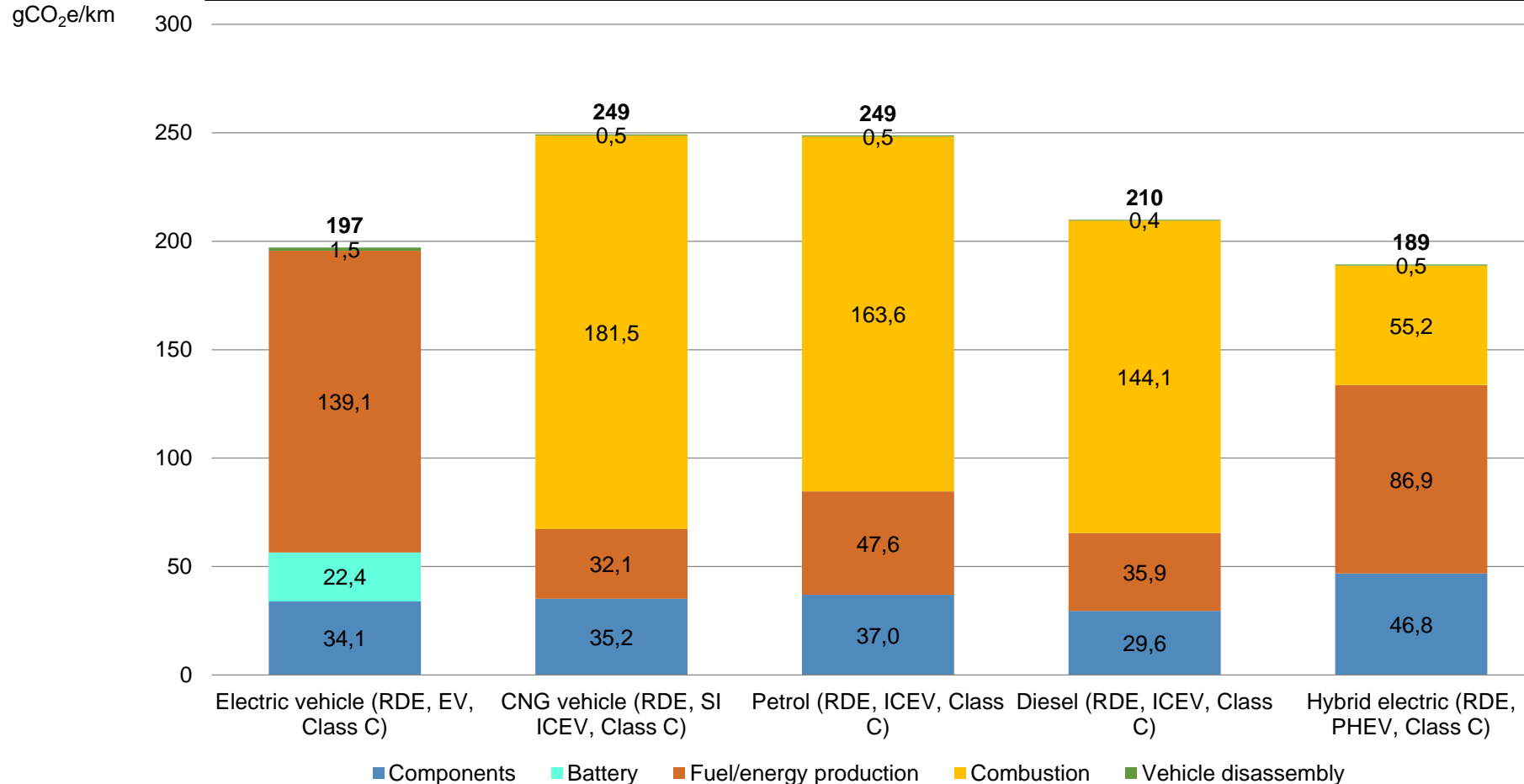


# Transport baseline (2015) Germany – Worldwide harmonized Light vehicles Test Procedure (WLTP)

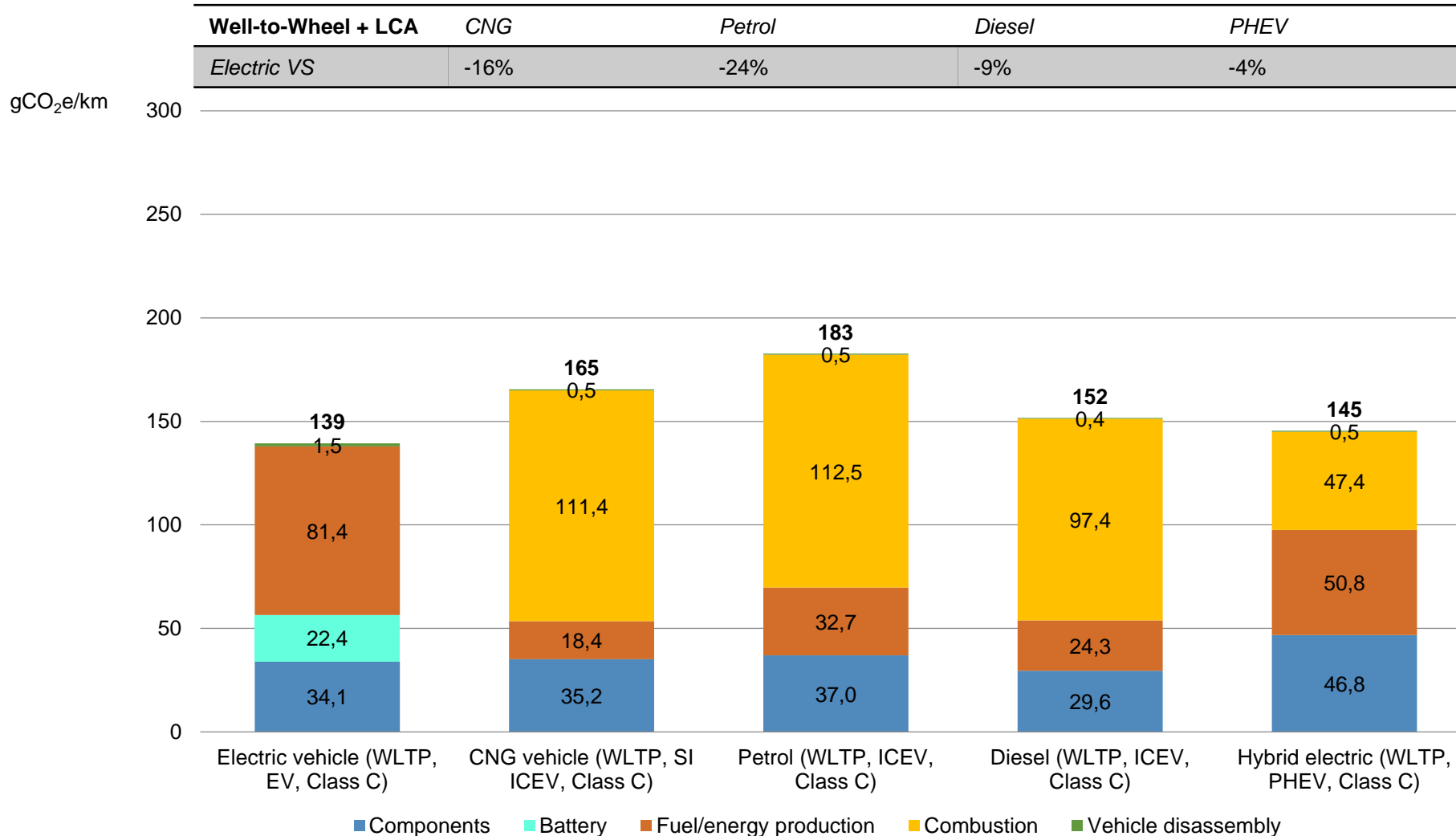


# Transport baseline (2015) Germany – Real Driving Emissions (RDE)

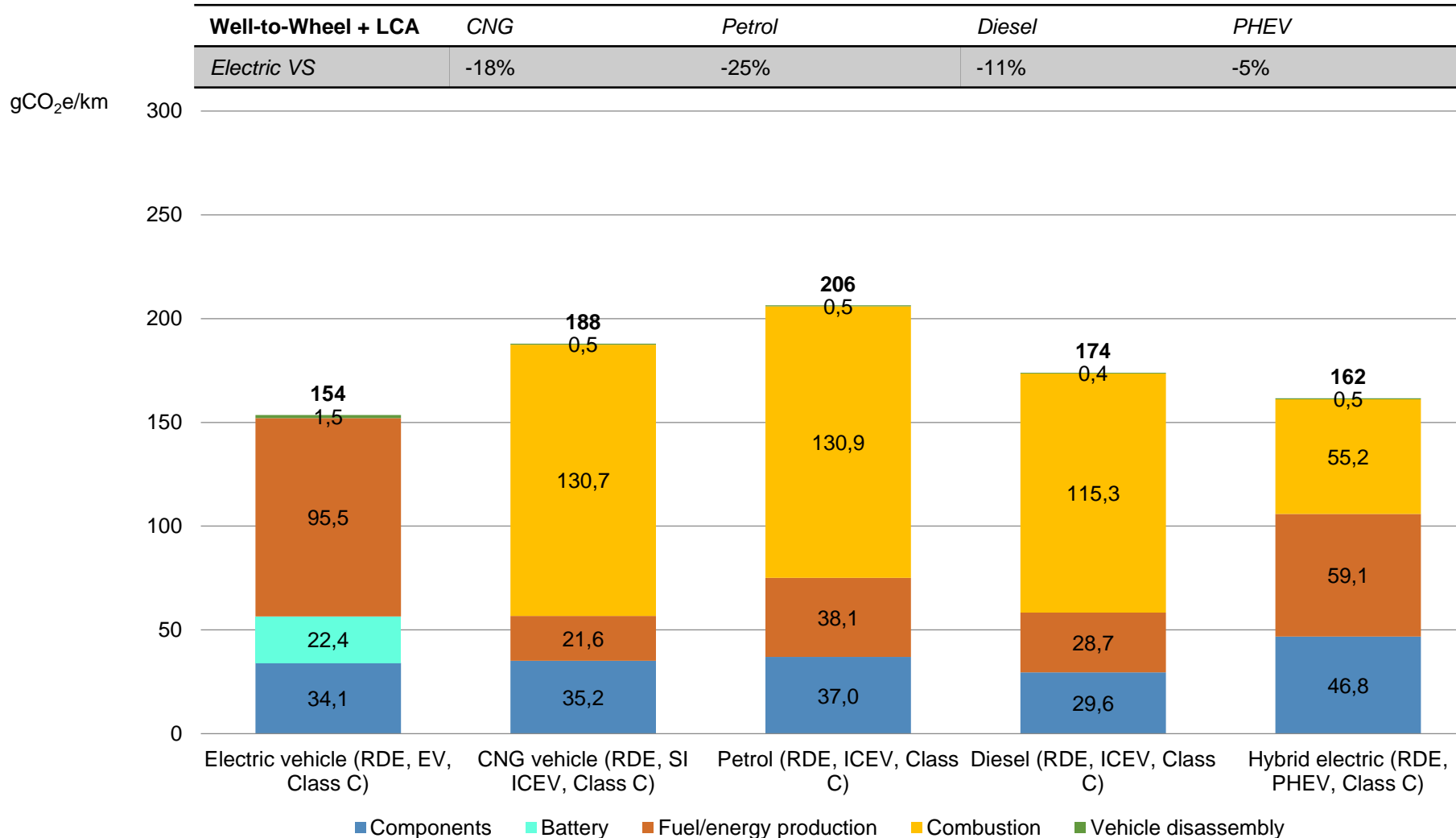
Well-to-Wheel + LCA	CNG	Petrol	Diesel	PHEV
Electric VS	-21%	-21%	-6%	4%



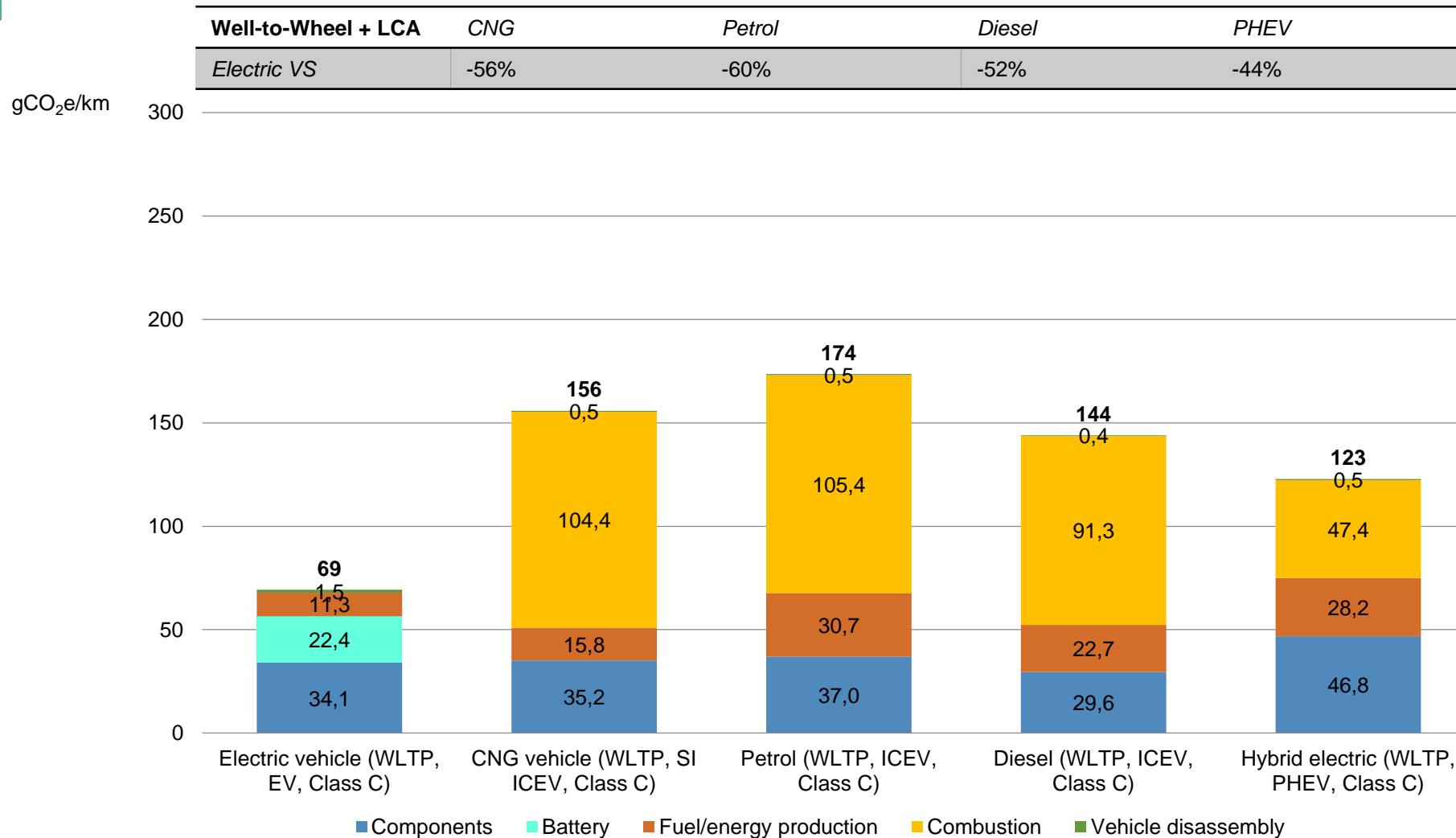
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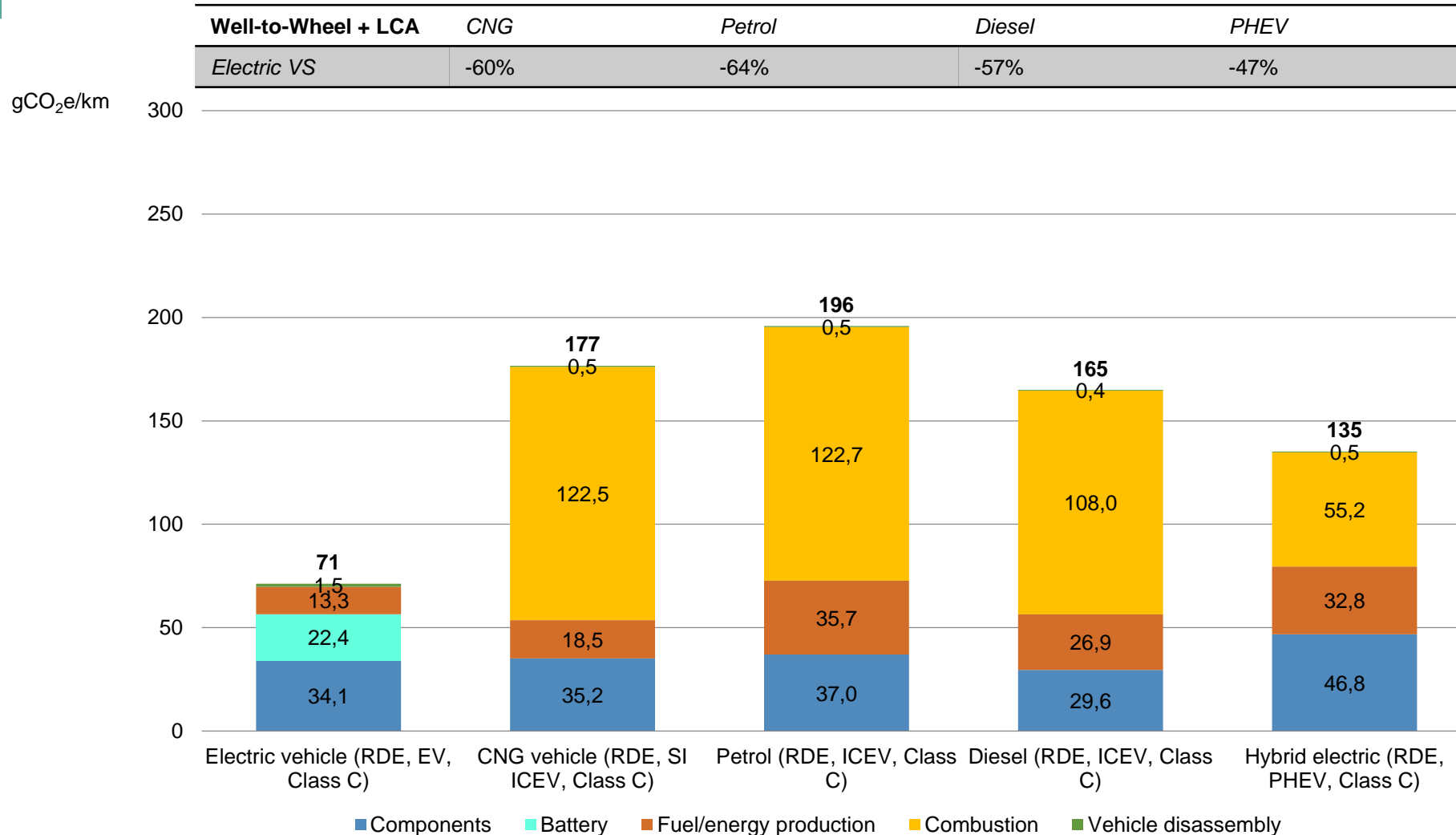
# Transport 2030 (EUCO30) Germany – Real Driving Emissions (RDE)



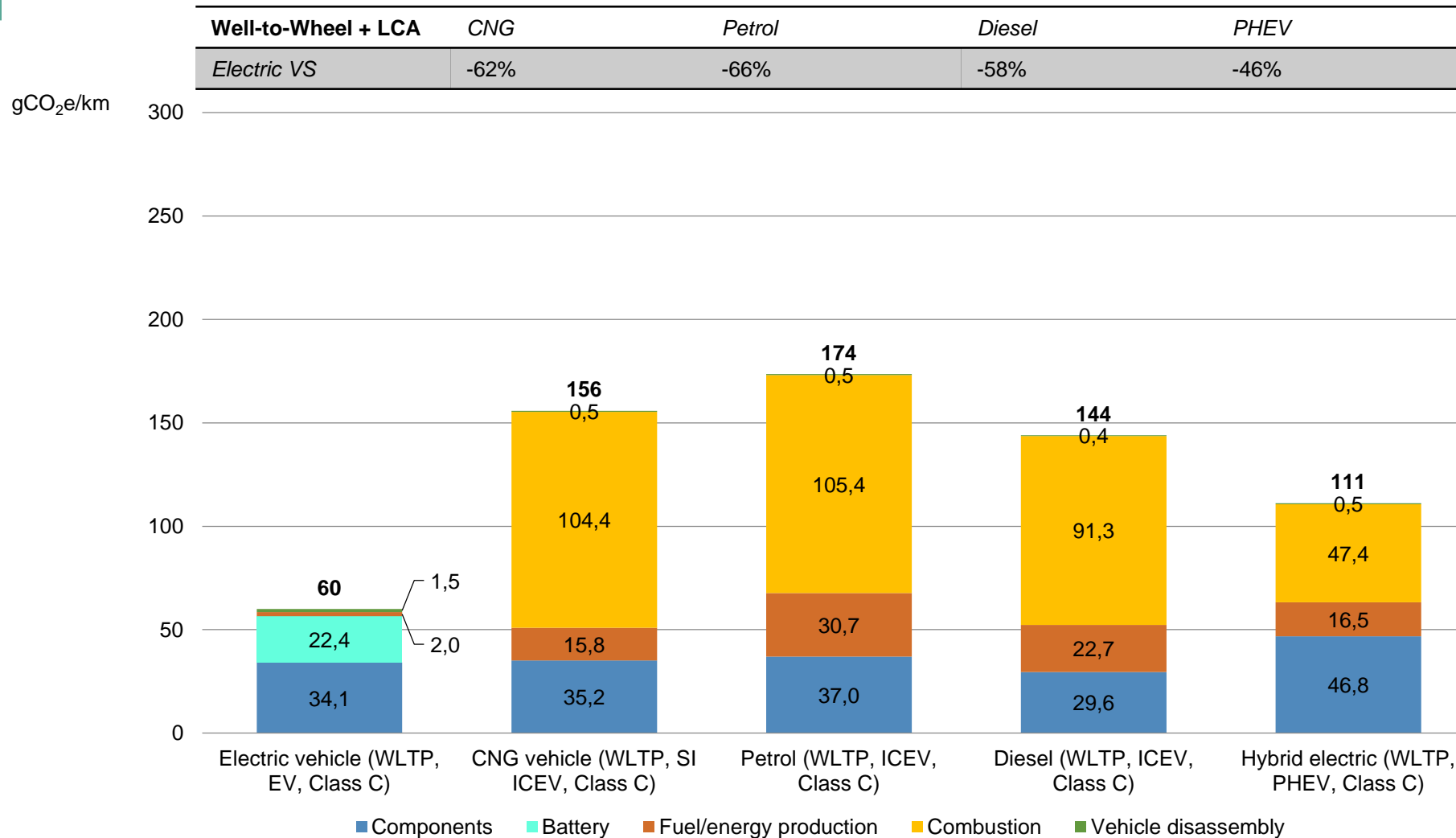
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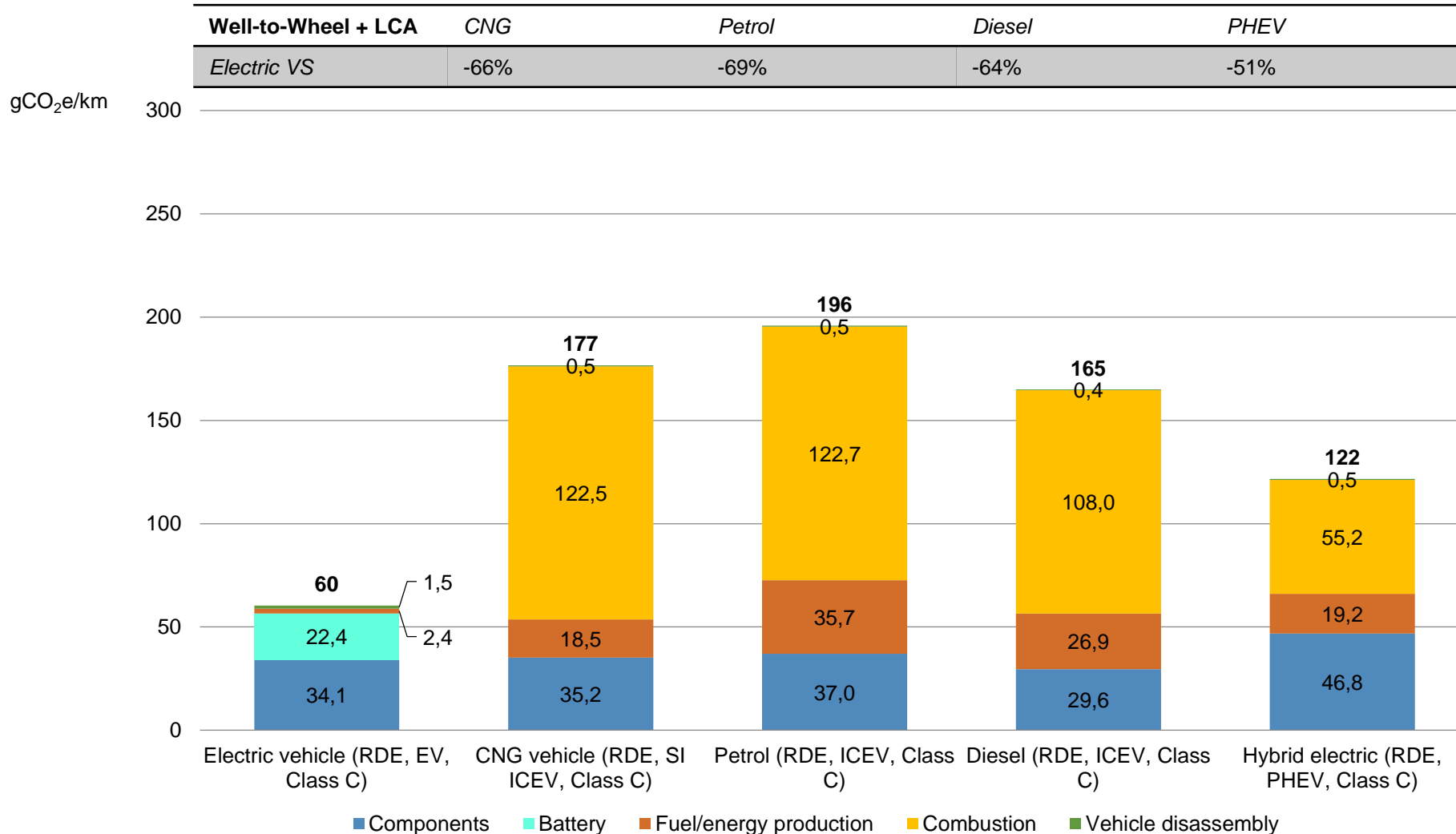


# Transport 2050 (2DS) Germany – Worldwide harmonized Light vehicles Test Procedure (WLTP)

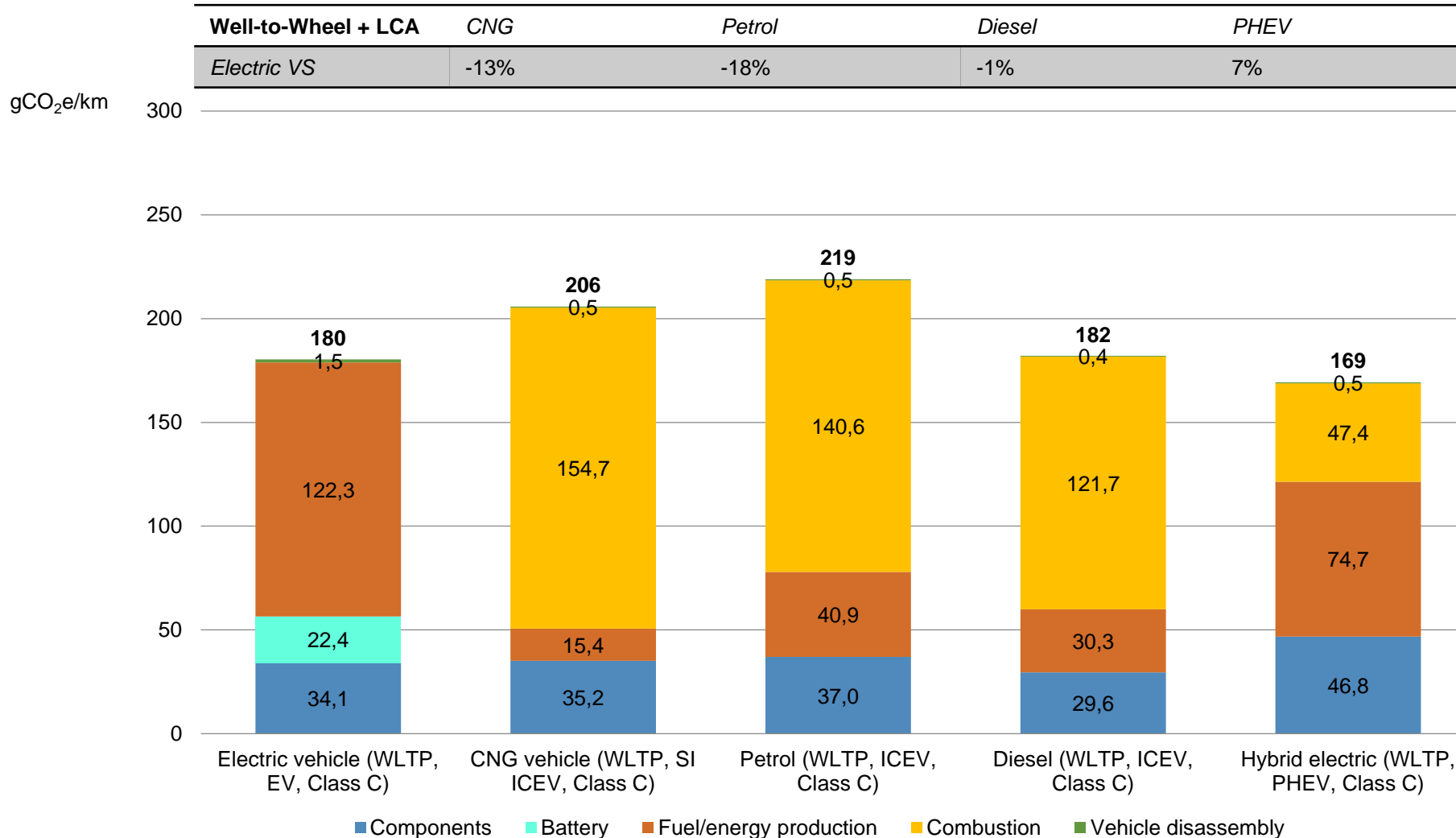




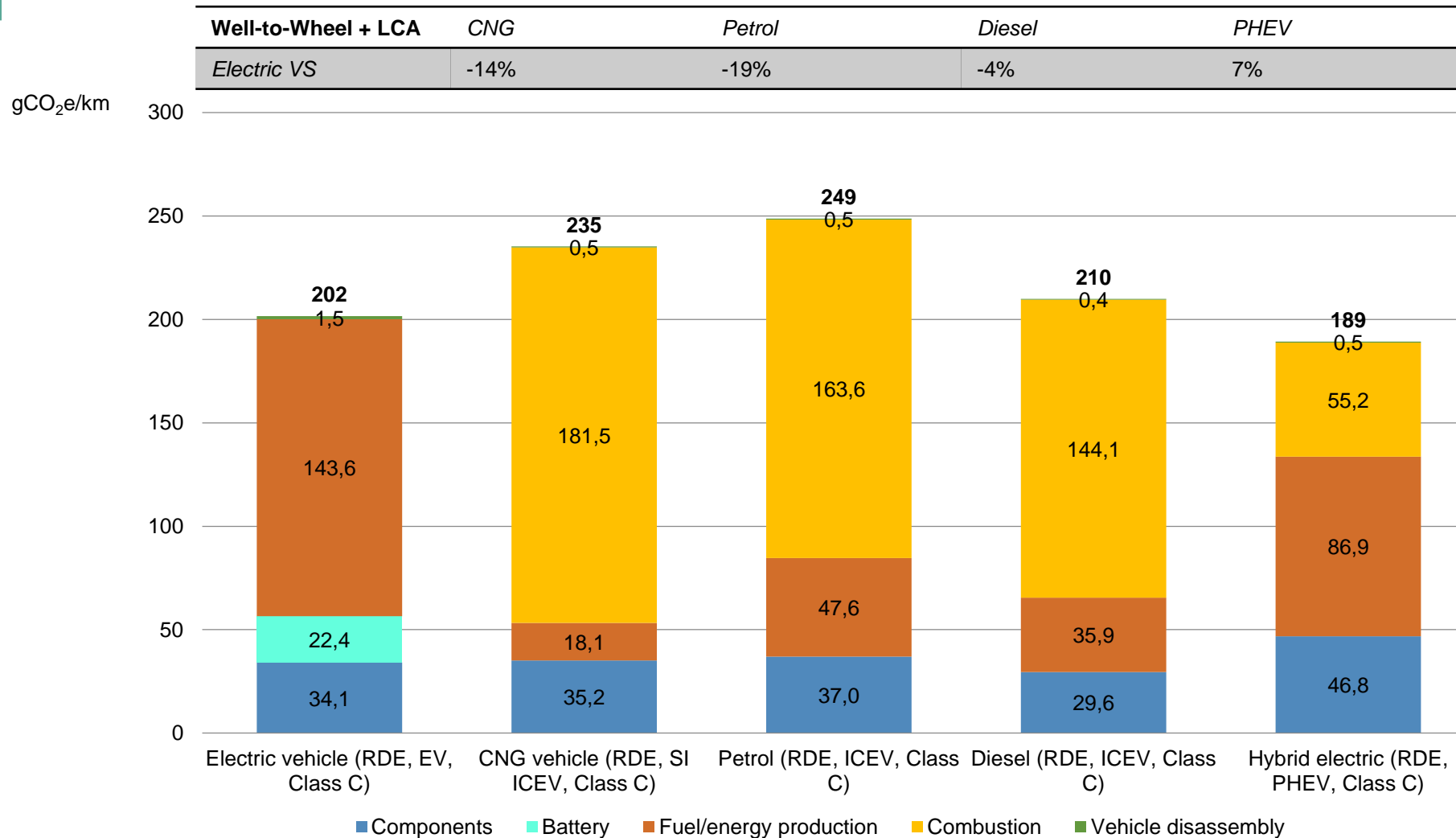
# Transport 2050 (2DS) Germany – Real Driving Emissions (RDE)



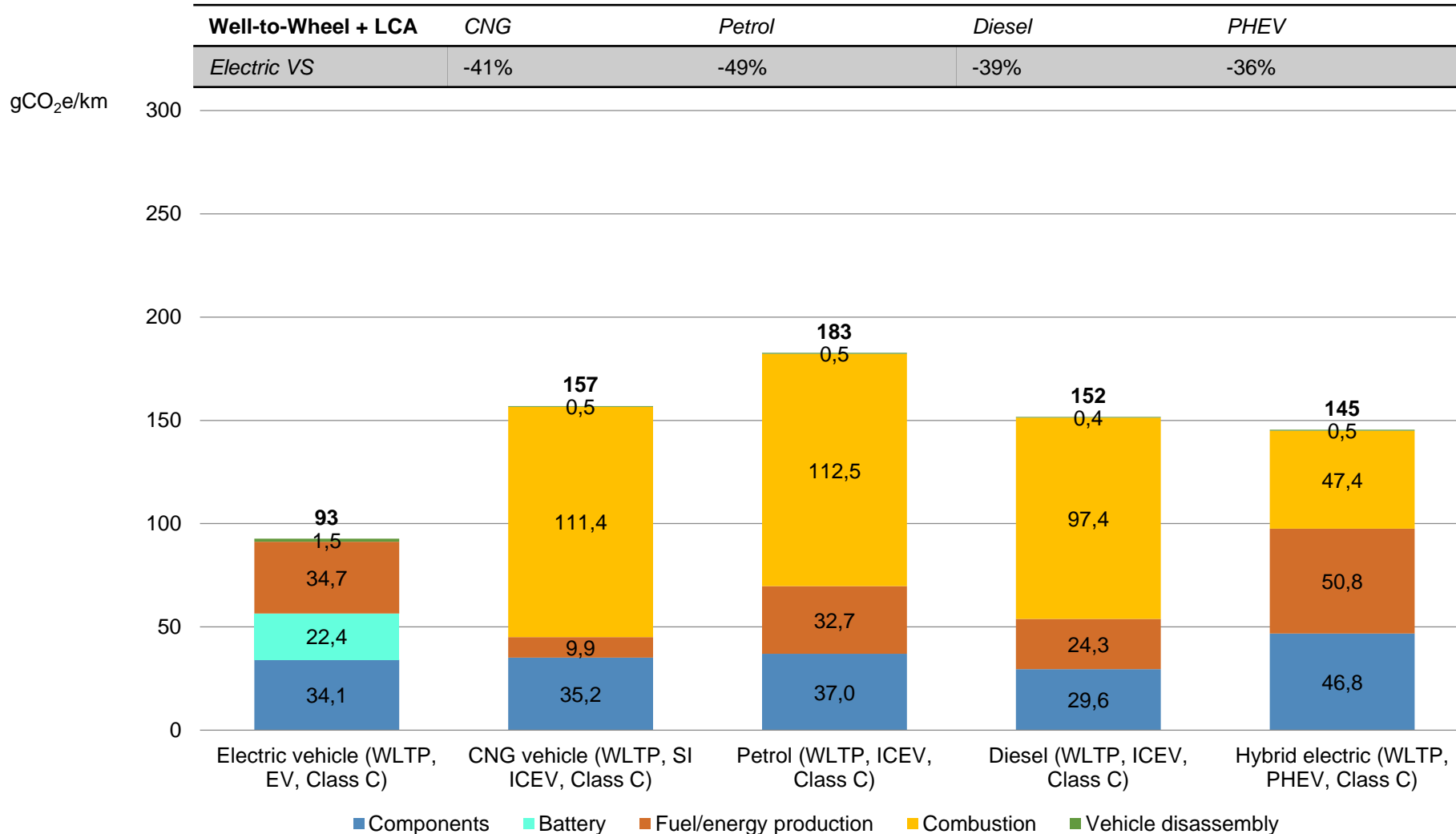
# Transport baseline (2015) Romania – Worldwide harmonized Light vehicles Test Procedure (WLTP)



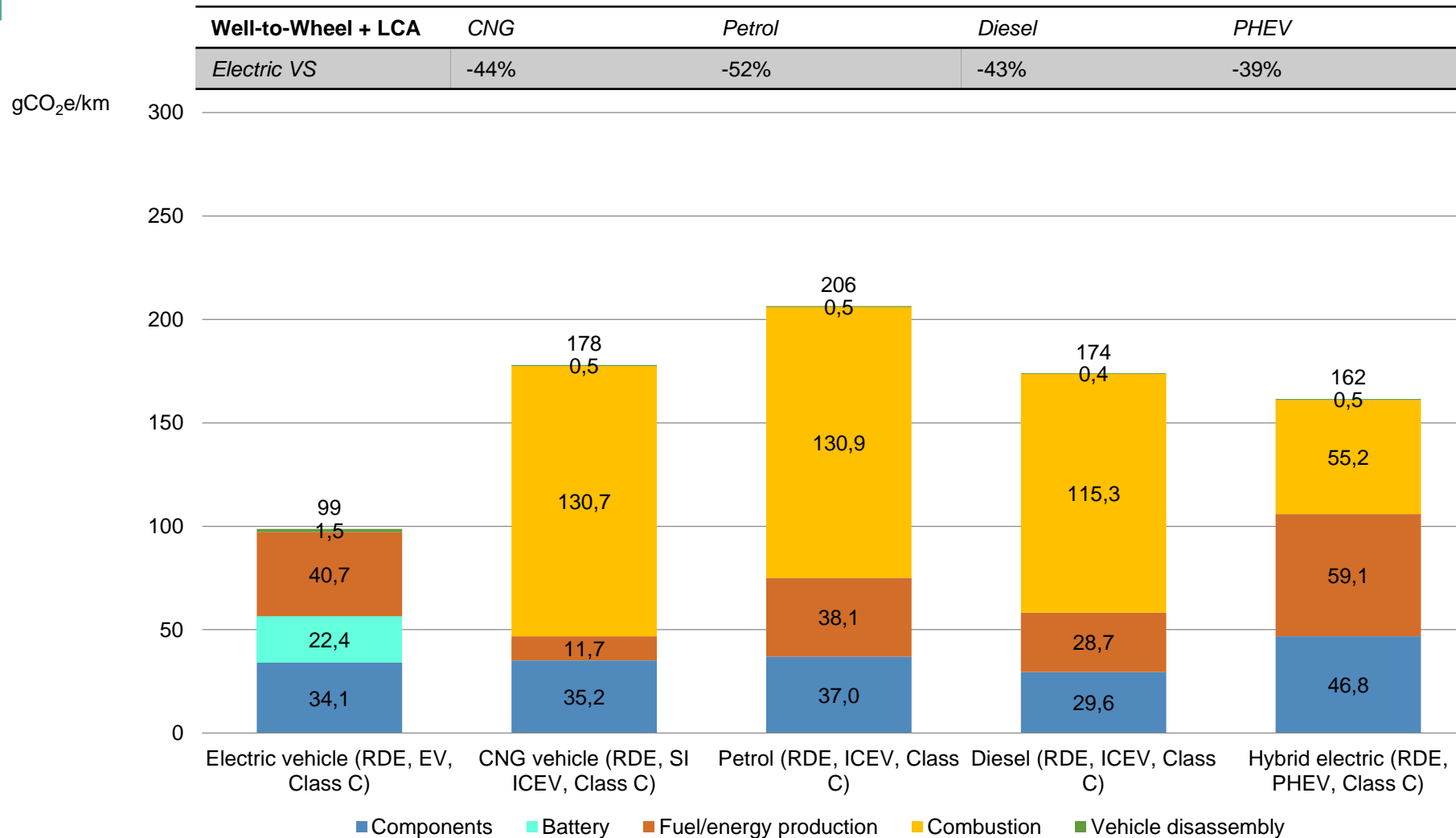
# Transport baseline (2015) Romania – Real Driving Emissions (RDE)



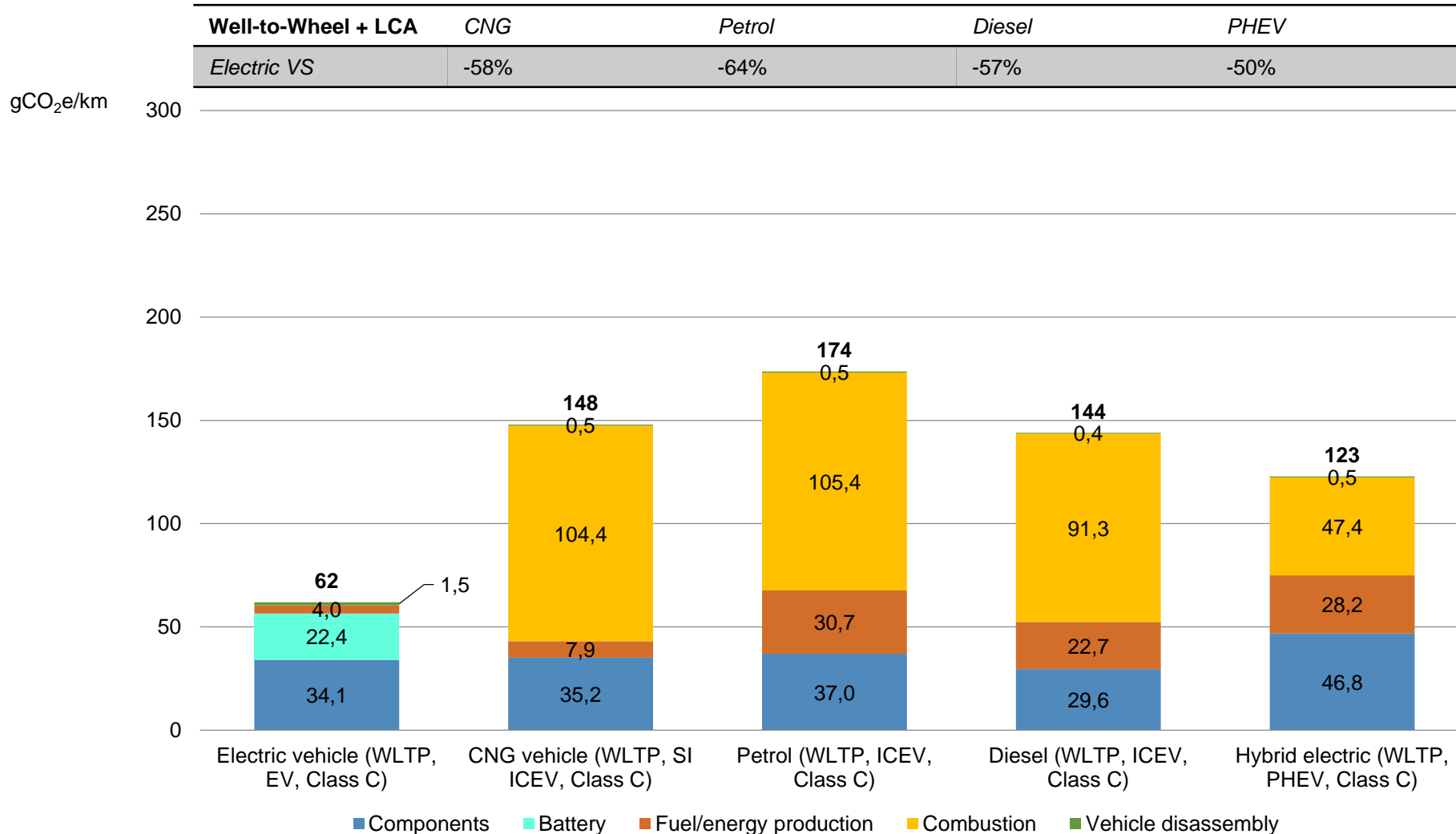
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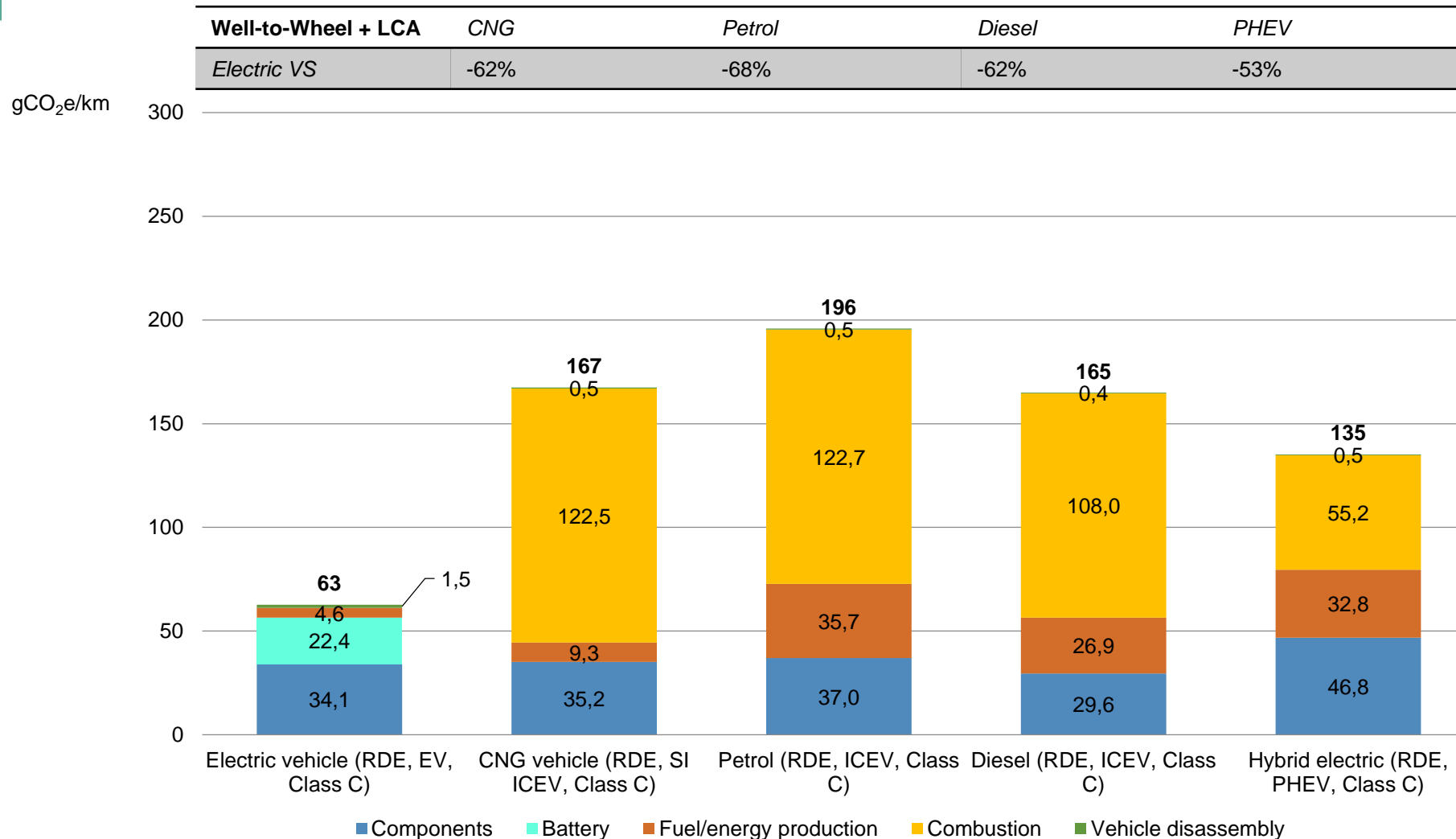
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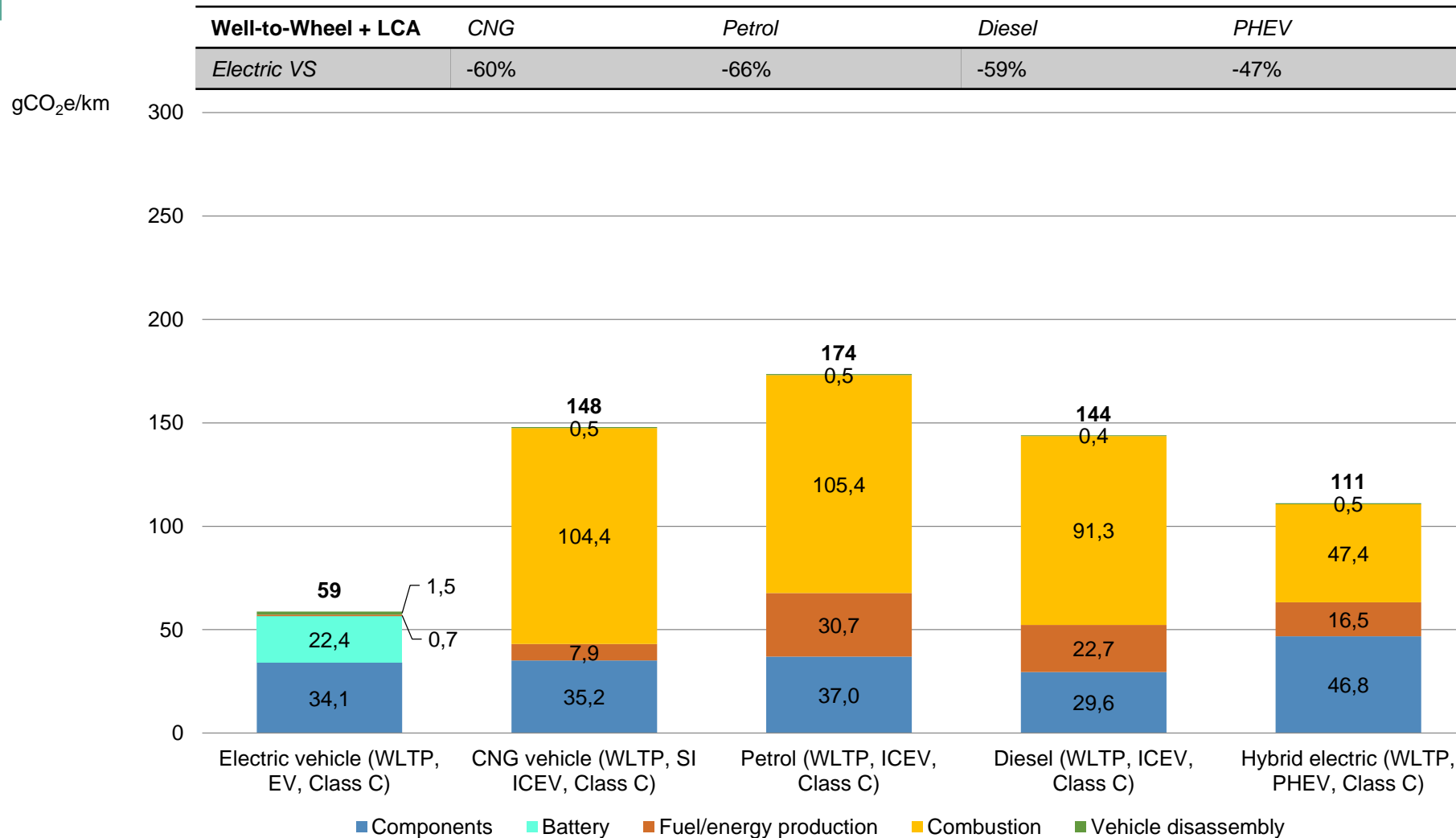
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