

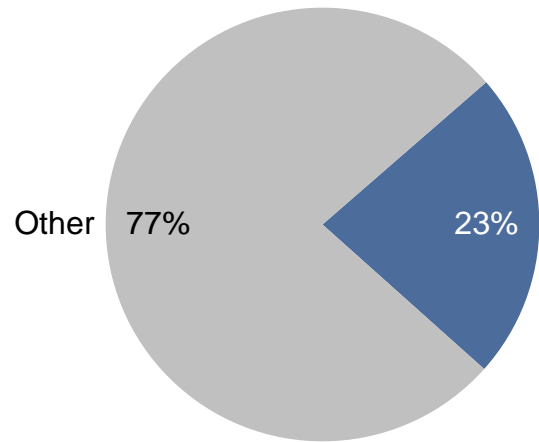
# The Future of Freight: A roadmap for policy-makers to assess and support the low-carbon commercial road transport transition

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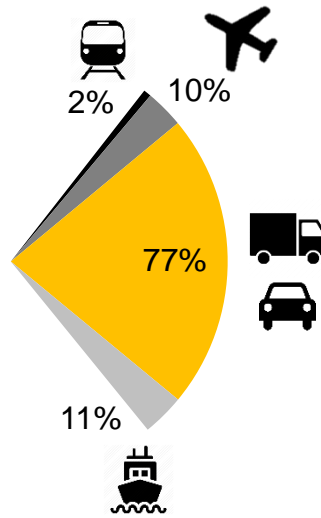
DGESS, ETH Zürich

Global CO<sub>2</sub> emissions (2018)  
36.4 Gt

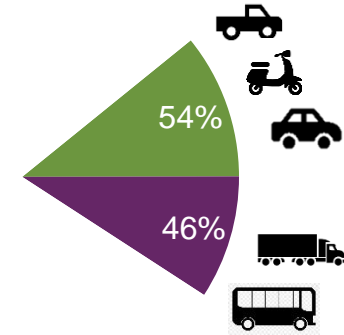


Transportation

Transport Emissions  
~8.26 Gt



Road Transport Emissions  
~6.36 Gt



Source: Own visualization based on data from ClimateWatch (2018); ICCT 2020, Vision 2050: A strategy to decarbonize the global transport sector by mid-century; ICCT 2016, Blog "A World of Thoughts on Phase 2"

$e^-$



$H_2$



v.



Electricity



Hydrogen



Overhead  
Catenary  
Electric



Methane  
(gas, liquid)



Hybrid Vehicles  
(e<sup>-</sup>, H<sub>2</sub>, diesel,  
gasoline, biofuels)



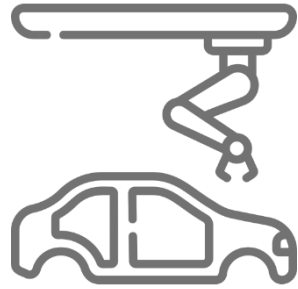
Biofuels (biodiesel,  
HVO, ethanol, etc.)



Fleet Owners



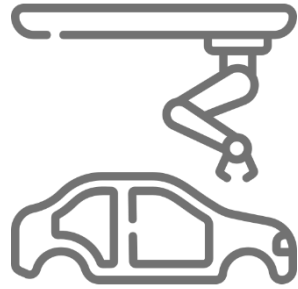
Fleet Owners



Original  
Equipment  
Manufacturers



Fleet Owners



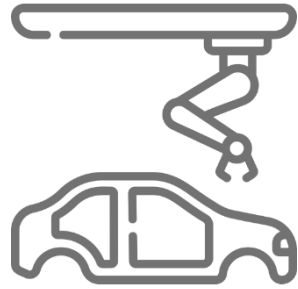
Original  
Equipment  
Manufacturers



Infrastructure  
Planners



Fleet Owners



Original  
Equipment  
Manufacturers



Infrastructure  
Planners

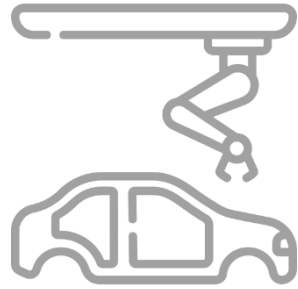


Policy-makers





Fleet Owners



Original  
Equipment  
Manufacturers



Infrastructure  
Planners



Policy-makers



Implication for future/other energy  
transitions