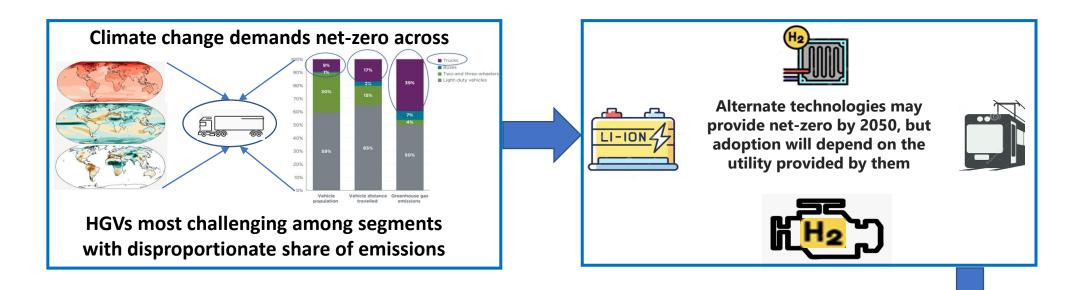
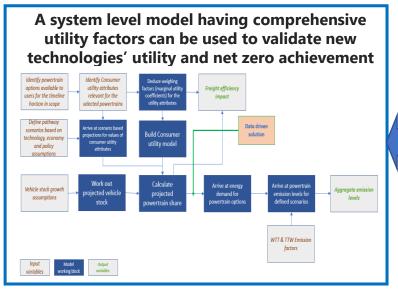
Building net-zero decarbonisation pathways for heavy goods vehicles: A review of existing approaches and importance of a holistic one





Consumer preference/choi ce attributes	Shafiei, E. et al., 2014	Askin et al. 2015	Shafiei, E. et al., 2017	Barisa et al. 2018	Brand et al., 2019	Ana et al. 2020	Greene et al., 2001	Catapult UK, 2019
Vehicle Cost	√	✓	✓	√	√	√	√	
Fuel cost	✓		✓	√				
TCO/Maintenan ce-Running cost	√		√	√	√	✓	√	√
Refuelling/charg ing availability	√	√	√	√	√	✓	√	
Driving Range	√		✓		√		√	
Payload Capacity						✓	√	
Vehicle Availability		✓			√		√	
Acceleration time/efficiency						✓	√	
Refuelling/charg ing time		√			1	✓		
Hours of Service						✓		
Social acceptability								

Lack of comprehensiveness in consumer utility



Transport models can project adoption, but a system level approach can help bring sociotechnical approach covering Vehicle, Energy and Road Freight systems

