



Trucking Industry Summit

Decarbonisation – Sustainable Fuels

Spencer Tait, Z Energy

22 July 2022

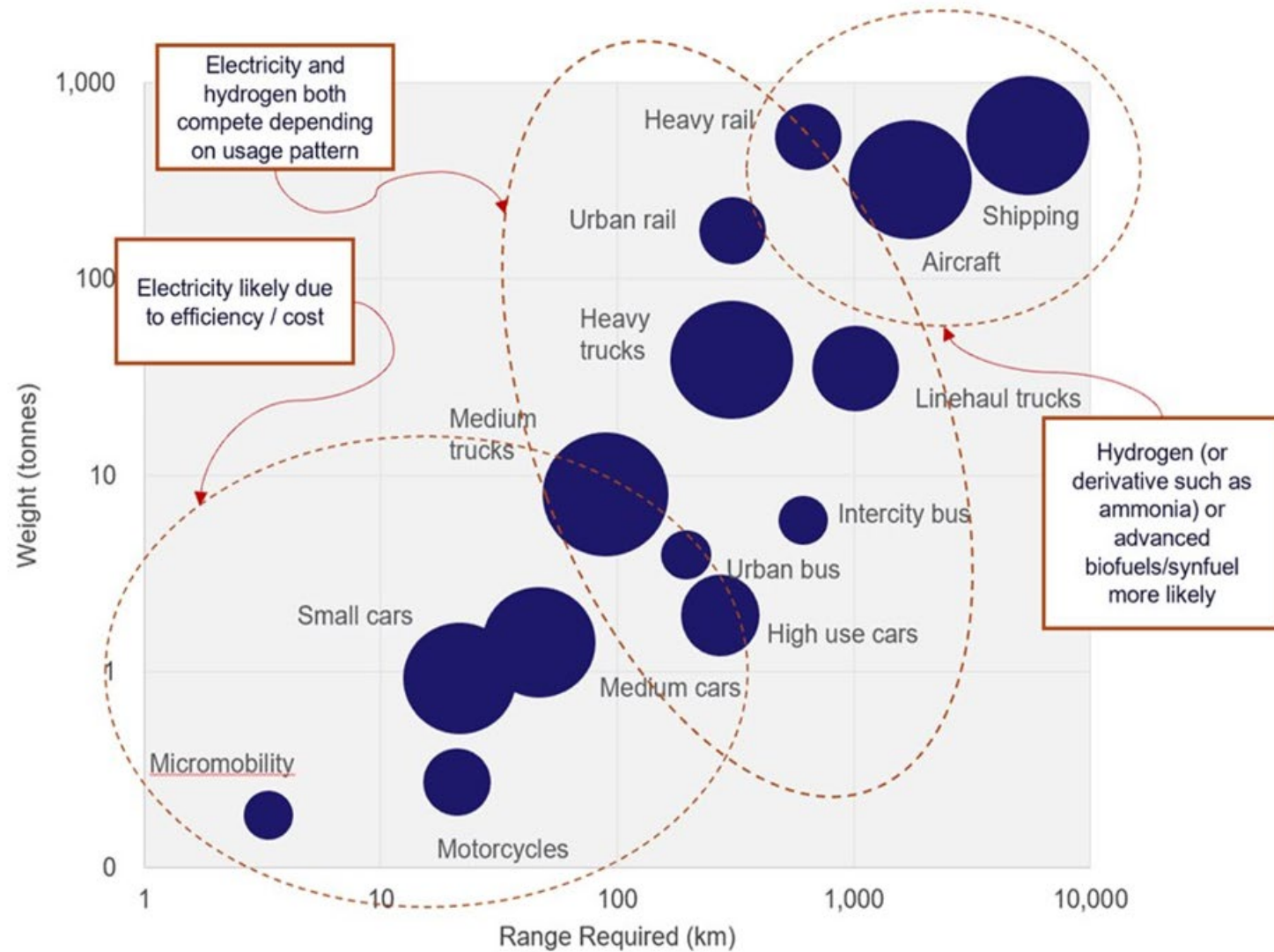




zBIOD[®]
TE KORA HOU
BIODIESEL PLANT



Transport use cases



Indicative only: Bubble size indicates relative energy use
Source: Z Energy



Bio-fuels

Preferred near term solution given; simplicity, scale & impact

↓ 3.5%



or



carbon emission reduction by 2025.
Equivalent 4-5% reduction in total fuel
consumption (to 2022 baseline)

Co² emissions from
2,238 trucks*

Co² emissions from
209,813 light ICE
vehicles^

*based on 26.5t gross vehicle mass, 150L/100km fuel burn, travelling 100,000km per annum,

^based on 8L/100km fuel burn, travelling 20,000km per annum

Source: <https://www.knowledgehub.transport.govt.nz/assets/TKH-Uploads/TKC-2019/Real-world-fuel-economy-of-heavy-trucks.pdf>

NZ total annual fuel consumption for 2021 7.46Bl.

Source: <https://www.mbie.govt.nz/building-and-energy/energy-and-natural-resources/energy-statistics-and-modelling/energy-statistics/oil-statistics/>





Thank you



All content not for further distribution without prior written consent from Z Energy