

Volvo Cars

Freedom to move in a personal, sustainable and safe way

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VOLVO CARS CLIMATE AMBITIONS

2025

2030

2040

50%

reduction in
tailpipe emission

25%

reduction in
operational emissions

25%

reduction in supply
chain emissions



-40% CO₂e emissions
per car 2018-2025

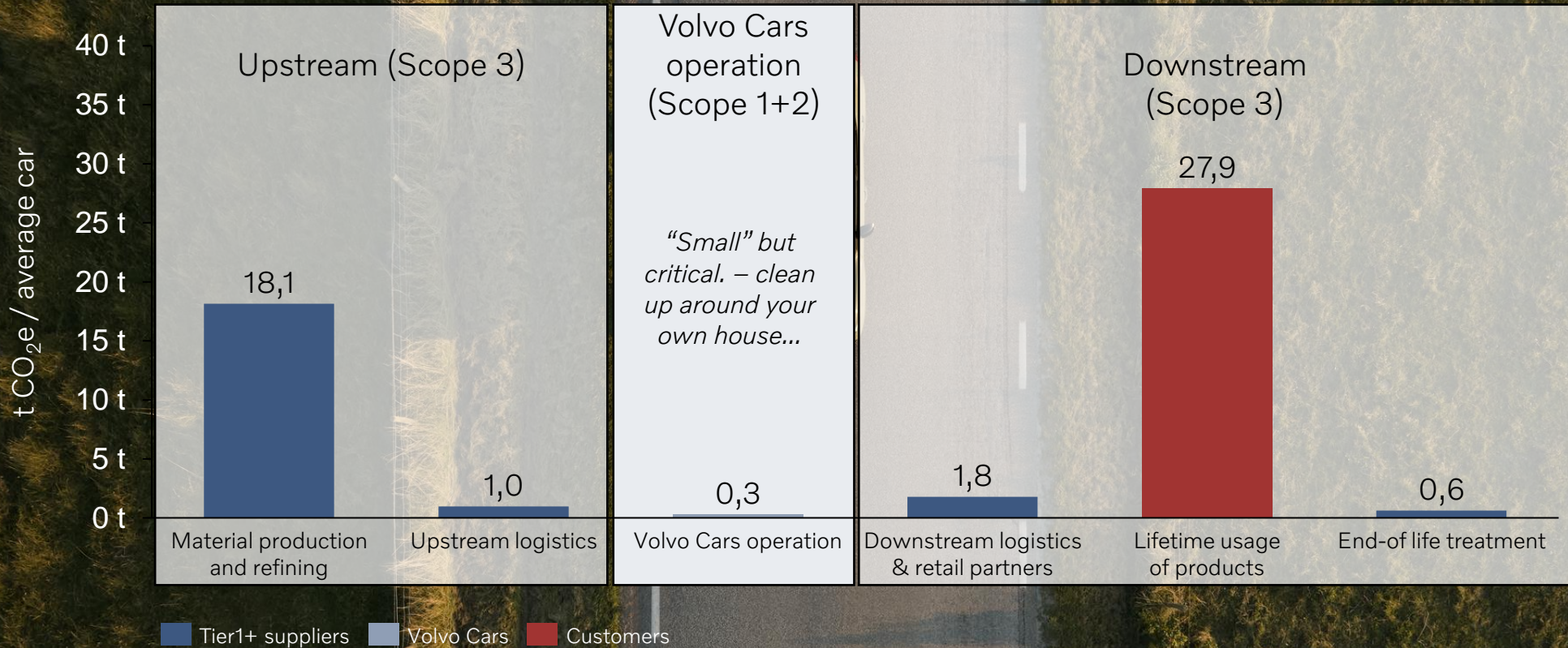
100%

Battery electric vehicle
sales globally

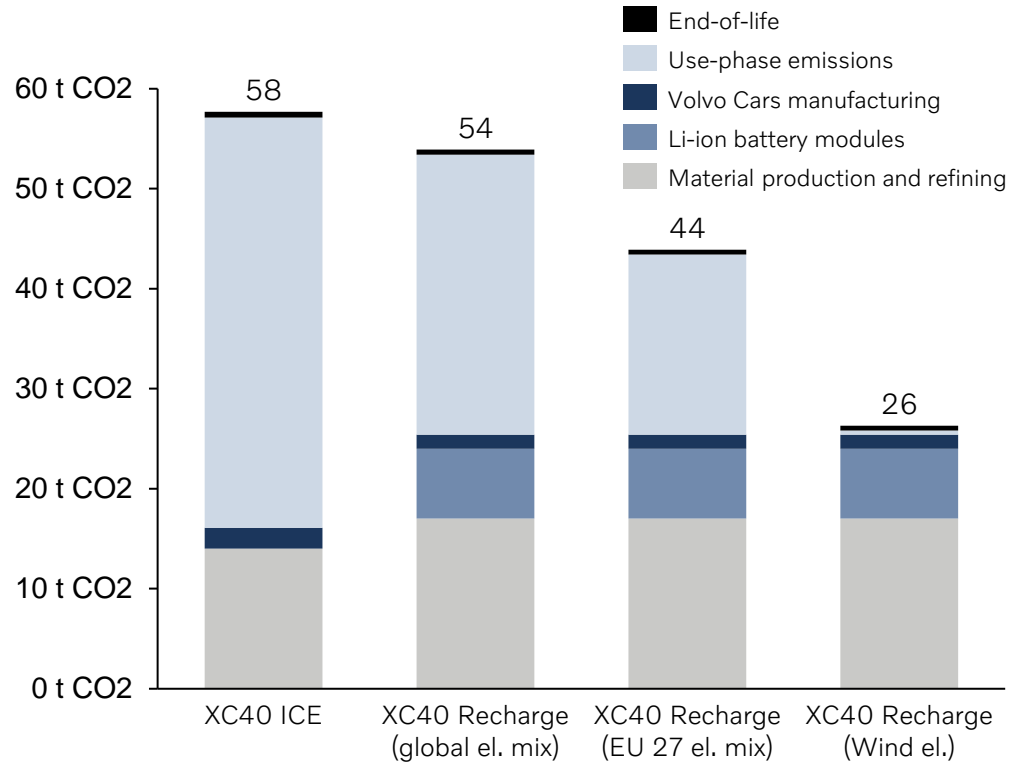
**Climate
neutrality**



99% OF THE TOTAL EMISSIONS COME FROM SCOPE 3

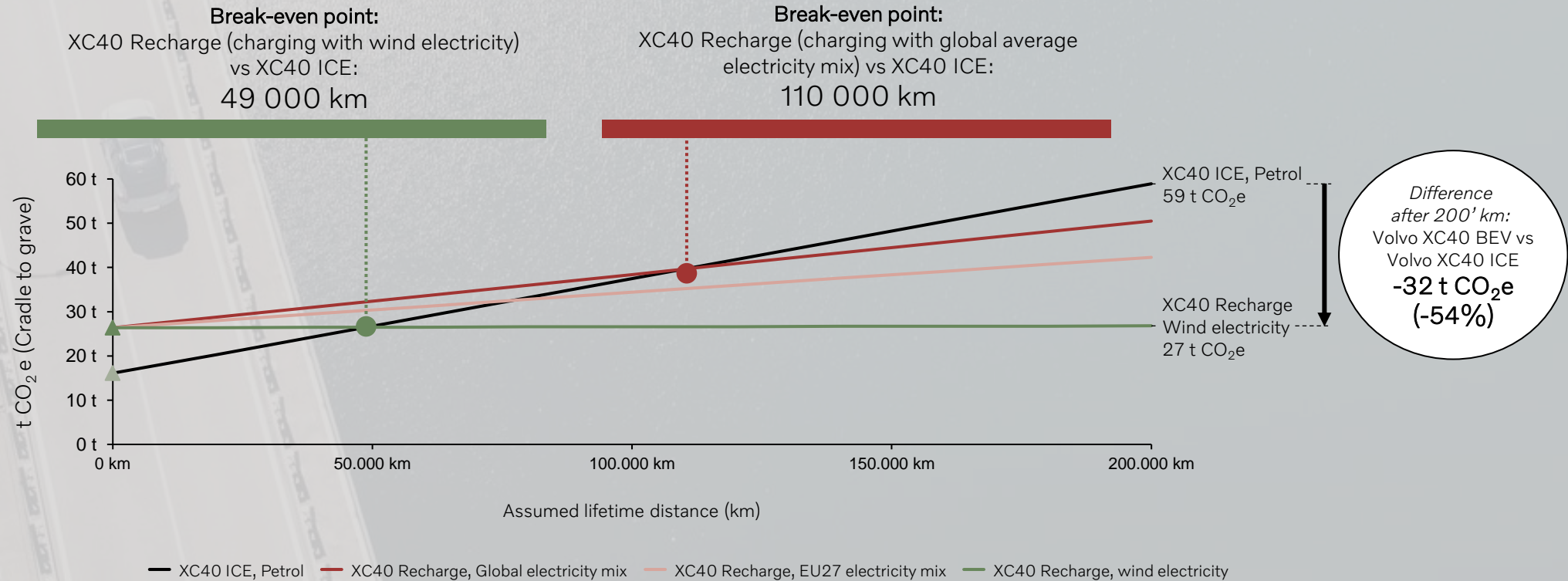


LCA RESULTS: AN ELECTRIC VEHICLE IS NOT “ZERO EMISSIONS”



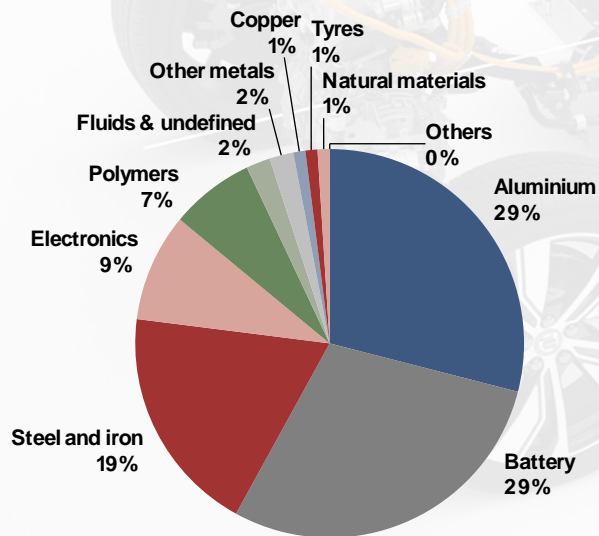
LCA RESULTS:

A BATTERY ELECTRIC VEHICLE CAN HAVE A SIGNIFICANTLY LOWER CARBON FOOTPRINT THAN A COMPARABLE PETROL ALTERNATIVE



PRIORITIZED ACTIONS

CO₂e emissions from material production and refining of a fully electric Volvo C40



northvolt®

- Climate neutral energy in aluminum smelters

- Joint battery plant with Northvolt to develop and produce batteries with lower carbon emissions

SSAB

- Teaming up with SSAB to jointly explore the development of near-zero steel
- SteelZero - standardization and volume commitment

25%

- 25 % recycled content in new cars from 2025



IMPLEMENTATION IS KEY

1. Quickly shift to Battery electric vehicles
2. Secure high share of renewable electricity in charging
3. Reduce emissions from ingoing materials
 - Battery
 - Steel
 - Aluminum
 - Electronics

V O L V O