

2023: A great year for Volvo Cars



RETAIL SALES

708k



RECHARGE

37%



FULLY ELECTRIC

16%

41% 294,794 UNITS 24%

18% 16%

115,130 UNITS

EUROPE

CHINA

US

OTHER





Why Sustainability?

1 CLIMATE CHANGE - WE MUST ACT

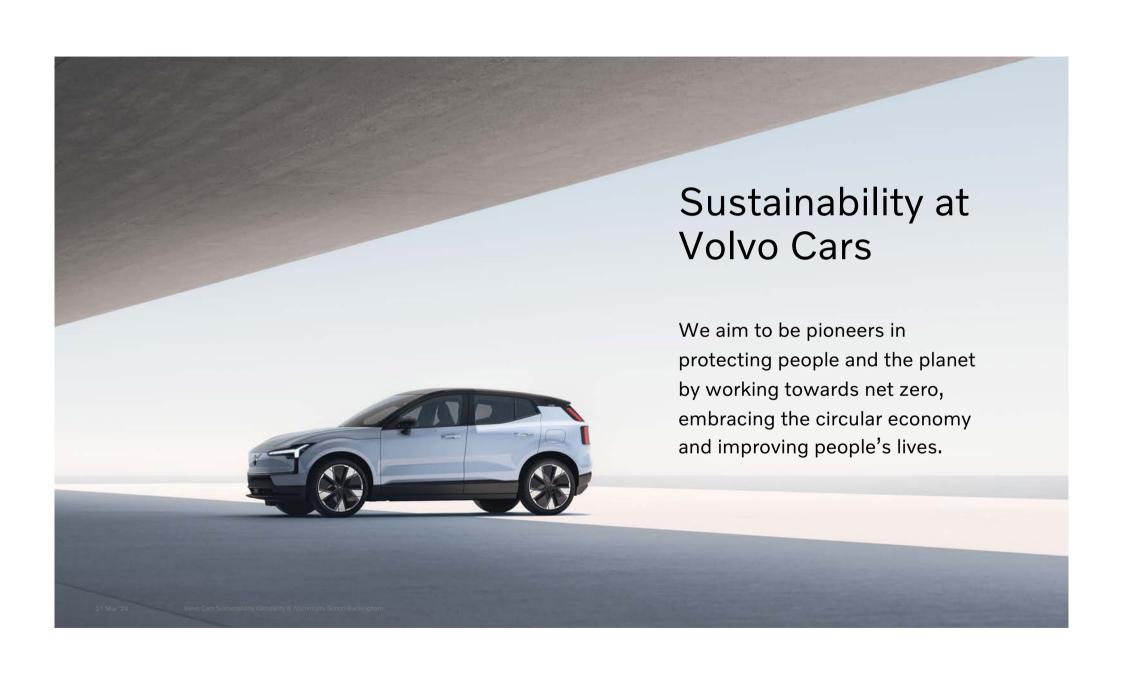
MEET GROWING REGULATORY DEMANDS **3**MEET
CONSUMER
EXPECTATIONS

4
ATTRACT
EMPLOYEES
AND BUSINESS
PARTNERS

5
INCREASE
PROFITABILITY

6 CREATE LONG TERM FINANCIAL MARKET VALUE







Climate Action

we aim to reach net zero greenhouse gas emissions by 2040

Transform to pure electrification

Minimise emissions from materials

Minimise operational emissions



Circular Economy

we aim towards becoming a circular business by 2040

Minimise primary resource use

Eliminate waste and pollution

Grow circular business



Responsible Business

we aim to protect and improve people's lives in our value chain and wider society

Ensure employee wellbeing

Safeguard human rights

Contribute to a sustainable society

Supported by stakeholder collaboration and advocacy



Climate Action

we aim to reach net zero greenhouse gas emissions by 2040

2025

40% reduction of CO₂ emissions per car

2030

100% Battery Electric Vehicles Cut CO2 emissions per car by 75 per cent

2040

Net zero greenhouse gas emissions



Circular Economy

we aim towards becoming a circular business by 2040

2025

25% recycled or bio-based materials in new vehicles

2030

35% recycled or bio-based materials in new vehicles



Responsible Business

we aim to protect and improve people's lives in our value chain and wider society

2025

100% green debt or sustainability-linked financing of assets

Risk-based human rights due diligence processes to trace, identify, assess and address human rights risks in the value chain implemented globally

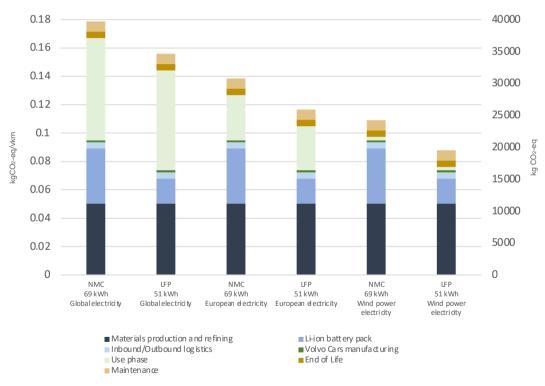
2030

Achieve gender equity pay (2027)

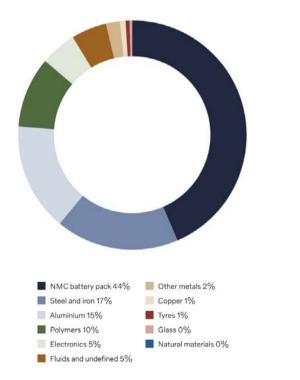
Supported by stakeholder collaboration and advocacy

Life Cycle Assessment: EX30 Carbon Footprint

Total climate footprint per vehicle-km and per total lifetime mileage, in kg CO2-eq.



Relative impacts from material production & refining

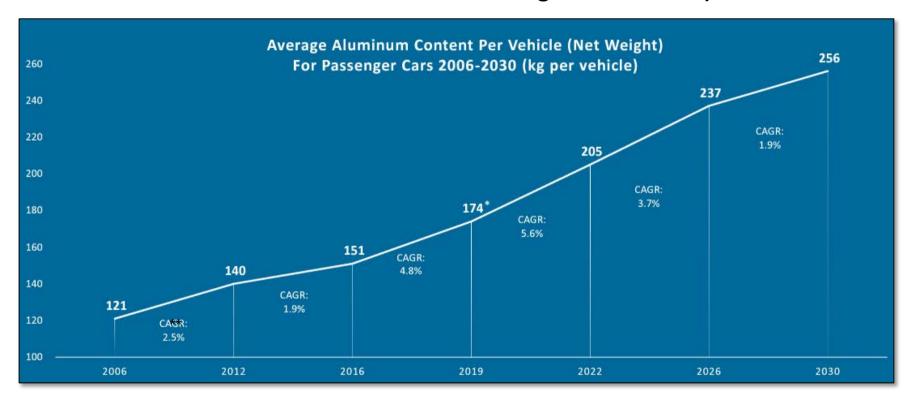


21 Mar '24 Volvo Cars Sustainability Circularity & Aluminium, Simon Buckingham

Source: Volvo EX30 LCA

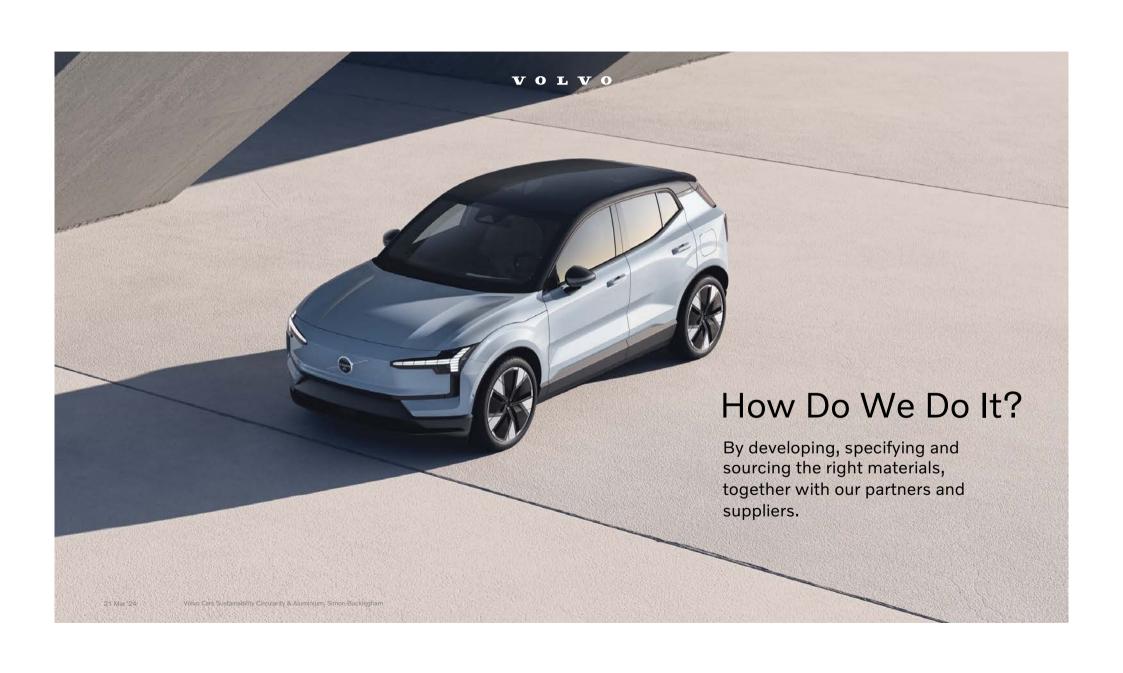
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Aluminium Content In Cars Is Increasing – Driven by BEVs



^{*} Content Per Vehicle of 179 kg in EA study 2019 as second set of OE wheels was included

^{**}Compound Annual Growth Rate (CAGR)



Aluminium users need to speak up

CLARIFY OUR NEEDS, VOICE OUR AMBITIONS

4

CO₂ intensity limit for primary Aluminium >40%

Average Recycled Content **Engage**

WEF FMC
IAI FFO 2030

Near zero emission Aluminium – Needed in multiple regions



We need to be able to access near-zero emission Aluminium in all the regions where we build

VOLVO

Beyond CO₂

Climate neutrality is only one of our Planetary Boundaries.

In our material selection criteria, we also need to tackle other environmental and societal challenges.

Circularity, including:

- · Component & Material Value Retention
- Tolerance to tramp elements
- Energy consumption
- Biodiversity impact
 - Water consumption
 - Land use

Ethical & responsible supply chain risks, including:

- · Indigenous rights
- Forced labour
- · Child labour



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Supply Chain Resilience

THE WHO, HOW AND WHAT

Transparency

Supply chain configuration

Actors identified

Clear across tiers

Traceability

of materials, from source to car

Certification

Globally recognized
Standardised &
comparable
3rd party Audited

COLLABORATION COLLABORATION COLLABORATION

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