

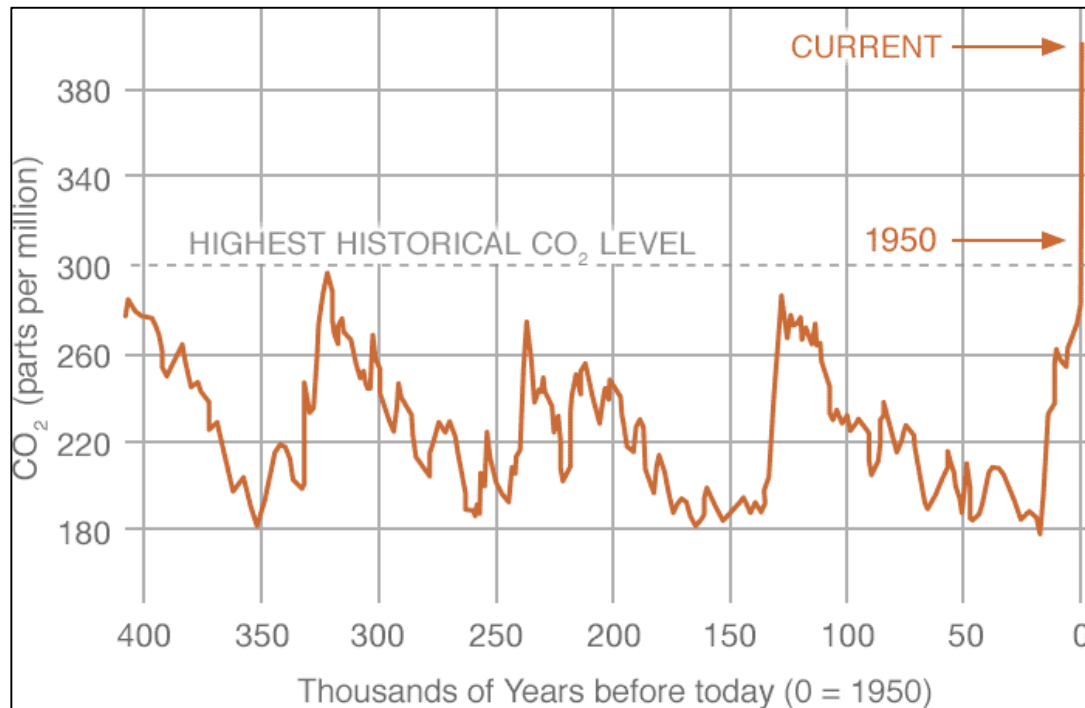
V O L V O

Sustainable business for a sustainable future

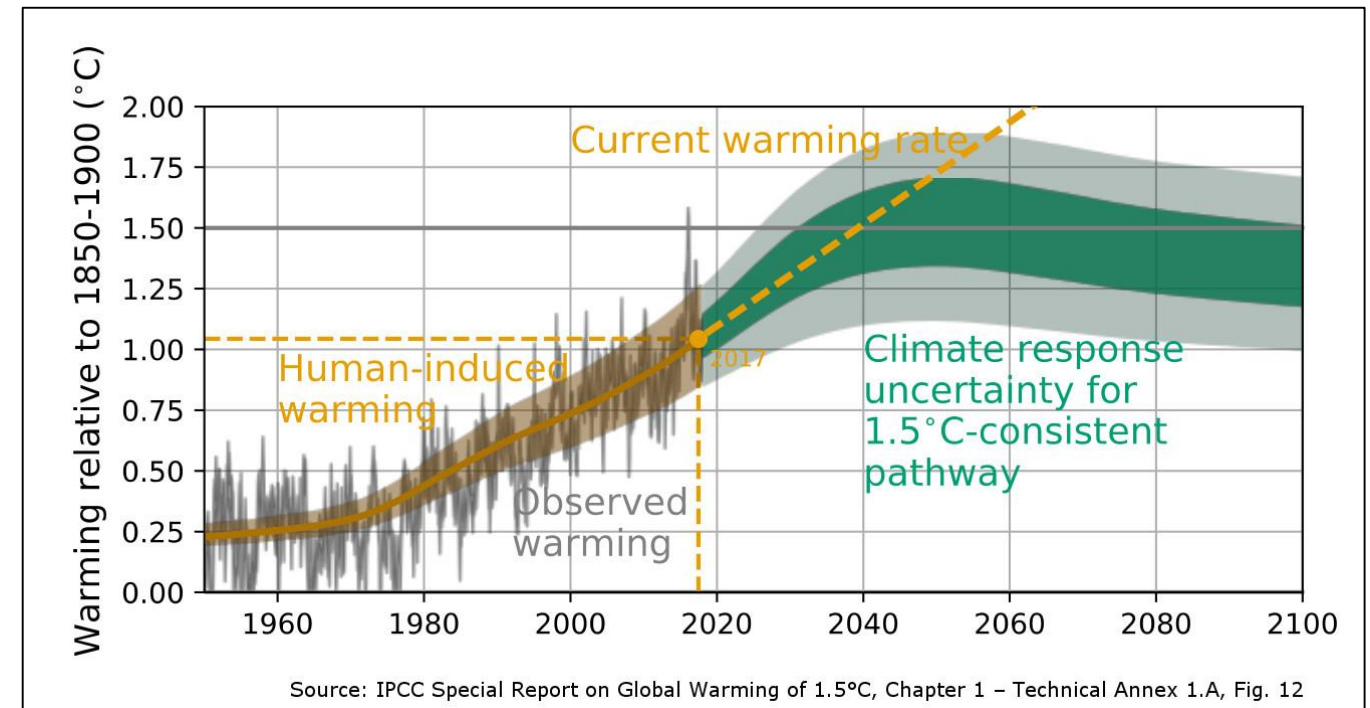
Pär Jacobson
Volvo Cars Procurement



Human induced CO₂-emissions leading to accelerating global warming



Humanity has broken earth's "natural CO₂ cycle" since the industrial revolution



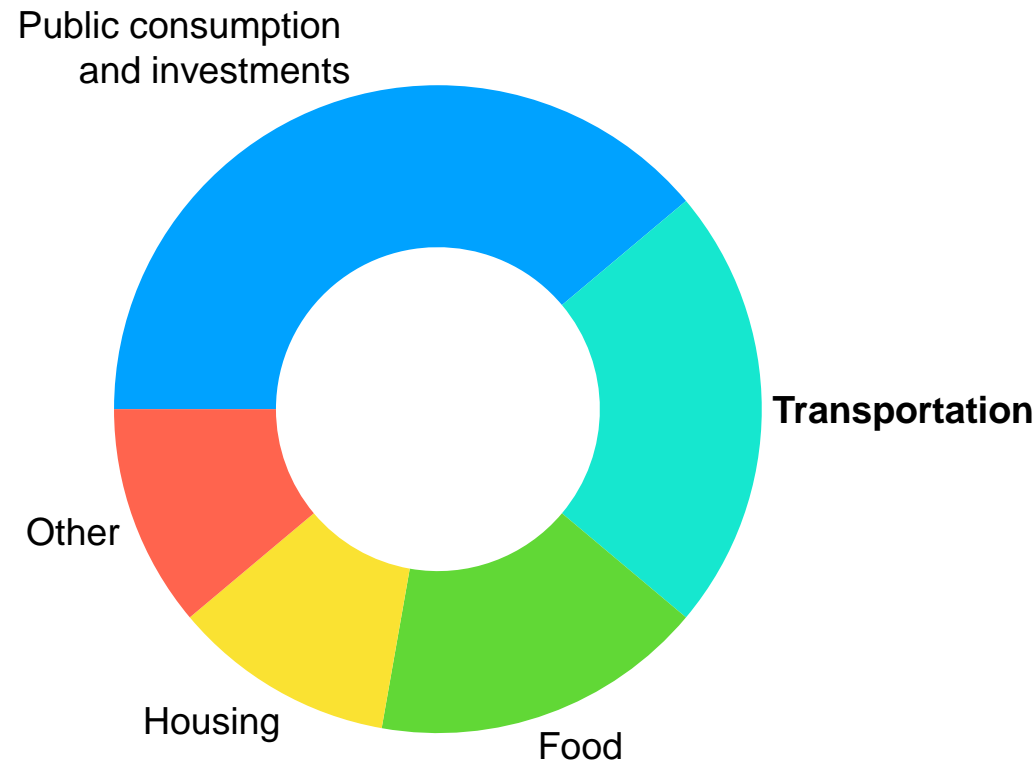
Current trajectory needs to be broken within the next decade in order to save the earth as we know it

Source: nasa.gov, reconstruction from ice cores

Personal transportation is a major contributor to CO2 emissions

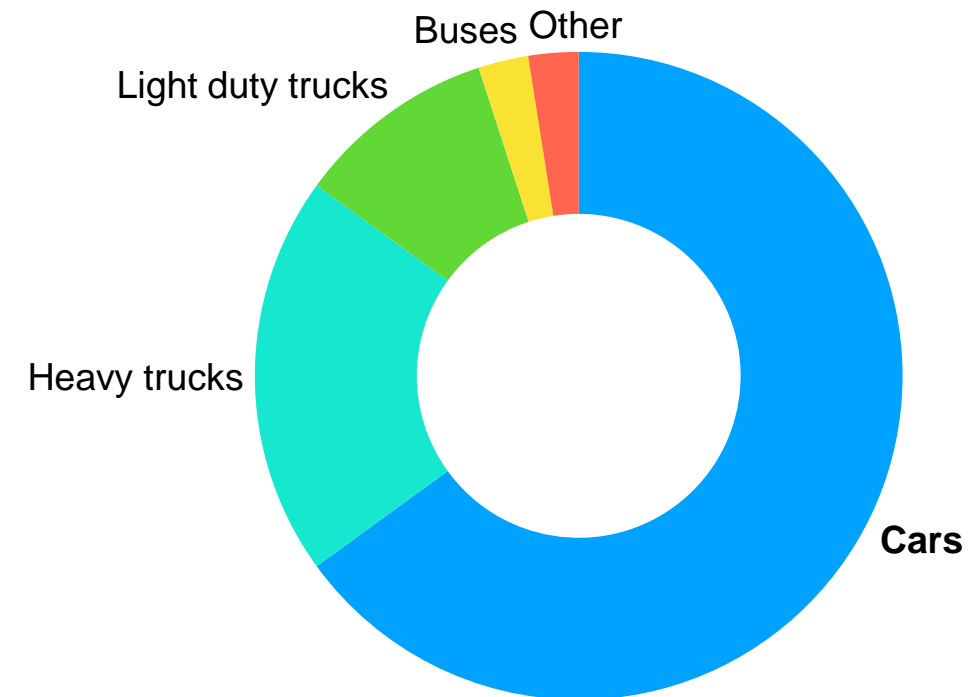
Split of CO2 emissions

(Sweden example – ~10 tonne per capita and year)



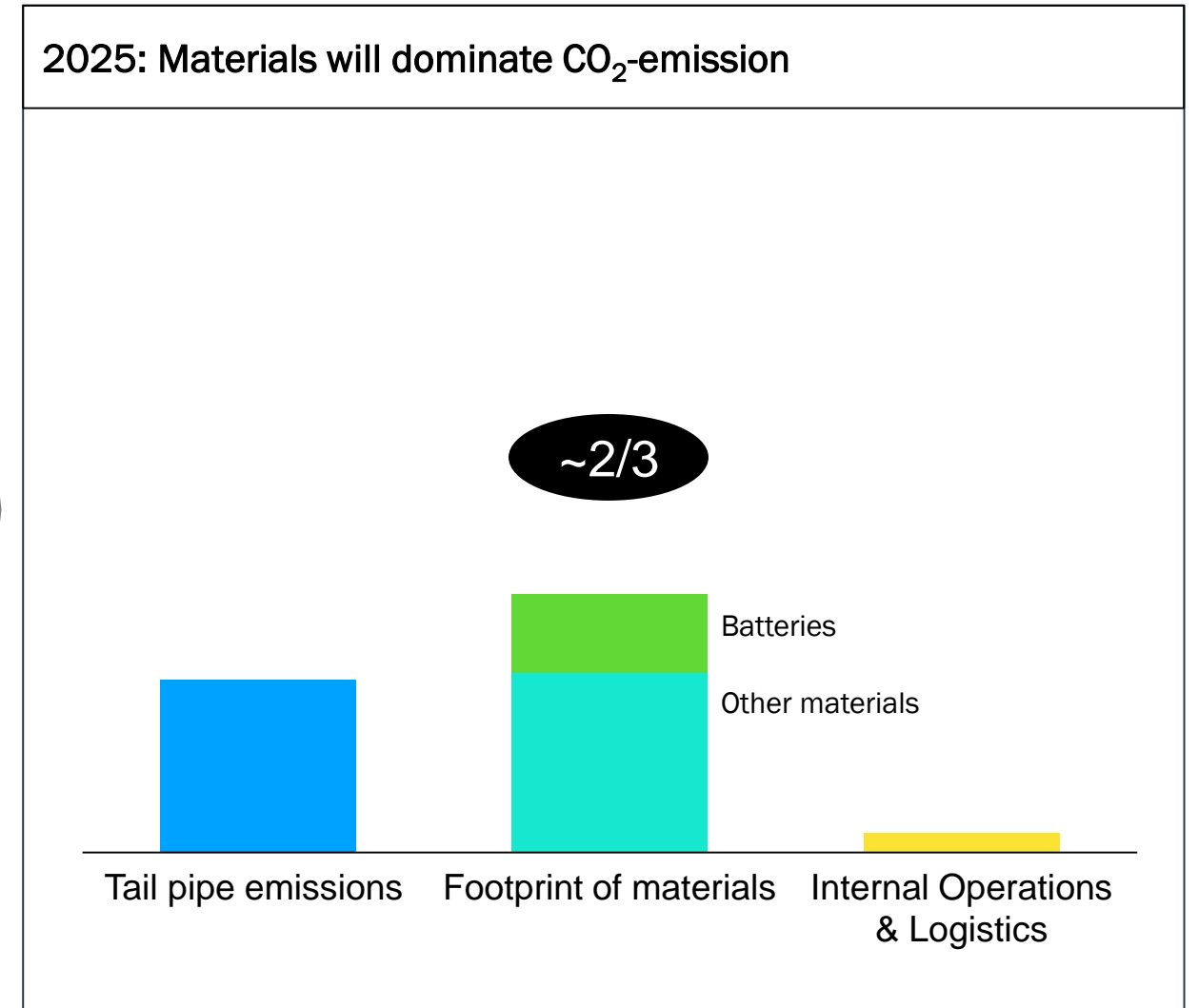
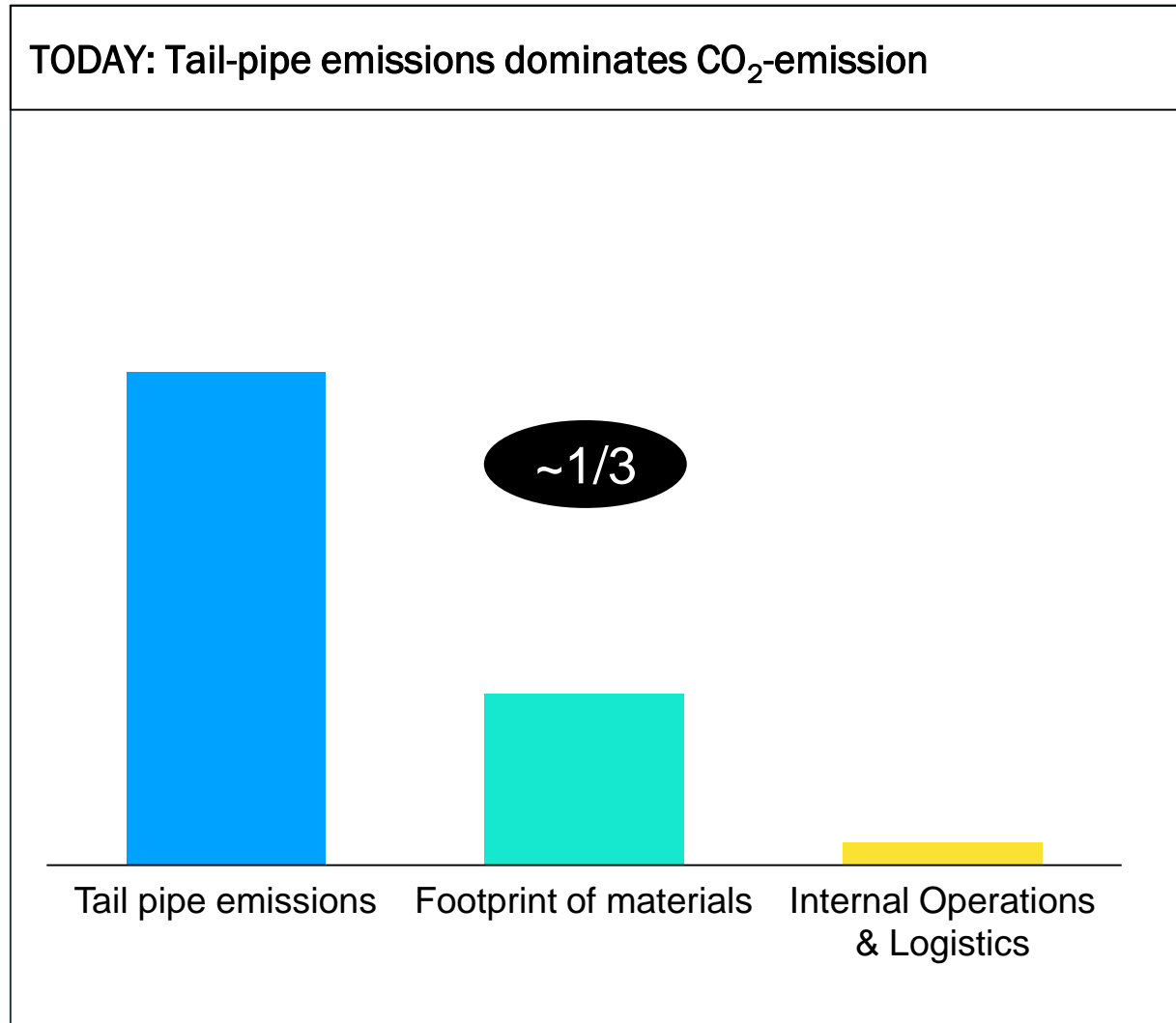
Split of CO2 emissions from transportation

(Sweden example – ~2 tonne per capita and year)



Source: Konsumentverket

CO₂-footprint of a car – Increasing importance of materials in the future



Source: Material Economics. Assumes life-time of 230,000 km

VOLVO CARS COMPANY PURPOSE & COMMITMENTS

Freedom to move in a personal, sustainable and safe way

PERSONAL

We commit to develop and build the most personal solutions in mobility - to make life less complicated and to protect your freedom to spend time and energy on the things that matter most. Our products and services are personalised, familiar and luxurious.

SUSTAINABLE

We commit to the highest standard of sustainability in mobility to protect the world we share. We are authentic, responsible change-makers. Our ethical values run through everything we do.

SAFE

We commit to pioneering the safest, most intelligent technology solutions in mobility and everyday life to protect what is important to people.

Sustainability is no longer a box ticking exercise, but business critical

"Sustainability is no longer a box ticking exercise, but business critical, it's a significant commercial opportunity for those companies that get it right."

"Our customers want safer, more sustainable and convenient cars. We can meet that demand, be a force for change and grow our business at the same time."

Håkan Samuelsson
President & CEO



OUR CLIMATE IMPACT



Building cars



Powering our
plants and offices



Transporting cars

WE ARE TAKING ACTION



 **2025** 

Climate neutral in
Volvo manufacturing facilities

Our journey towards climate neutrality



Emissions reduction ambitions for 2025:

-25% CO₂ reduction per car in supply chain

-25% CO₂ reduction per car overall operations emissions

-50% reduction in tailpipe emissions per car

New Recharge car line:

⚡ 2020 sales:
20% Plug-in hybrid

⚡ 2025 sales:
50% battery electric

⚡ Incentives to encourage electrified driving



What do we expect from our suppliers when it comes to sustainability?

Climate Action

- CO₂ foot-print disclosure according to GHG protocol
- 100% renewable energy in operations by 2025

Circular Economy

- At least 25% recycled content in components – in line with industry capabilities

Ethical and Responsible Business

- Transparency and traceability in the supply chain
- Adherence to code of conduct for Business partners



An aerial photograph of a river with a rocky bed. A small orange kayak is visible on the left side of the river. The water is a mix of blue and green, reflecting the surrounding environment. The rocks are various shades of brown, grey, and white.

V O L V O

VOLVO CAR GROUP