

stl.
GROUP

 **TAILG**


STALLIONS

cake
Thailand

Localizing E2&3W Value Chains

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STL Group CEO

Win-win for health, climate and profit

Air pollution annually causes
7 million deaths globally

Costing estimated 8 trillion usd
in health care costs



The world drastically need to cut
GHG emissions to stop climate change

Countries and cities are introducing
net zero policies to reduce emissions



cake

Our impact framework



Zero emissions

Reduce emissions
Energy efficiency & clean energy

Circularity

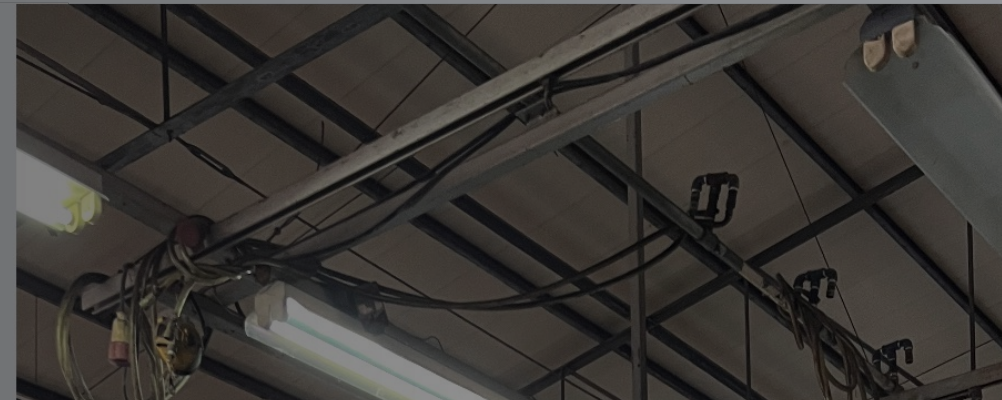
Reduce resource use & waste
Extend life cycles
Ensure end-of-life
Protect nature & biodiversity

Sustainable cities & communities

Health & wellbeing
Diversity & inclusion
Culture & community

How we do this?

All electric, modular & designed with minimized resources

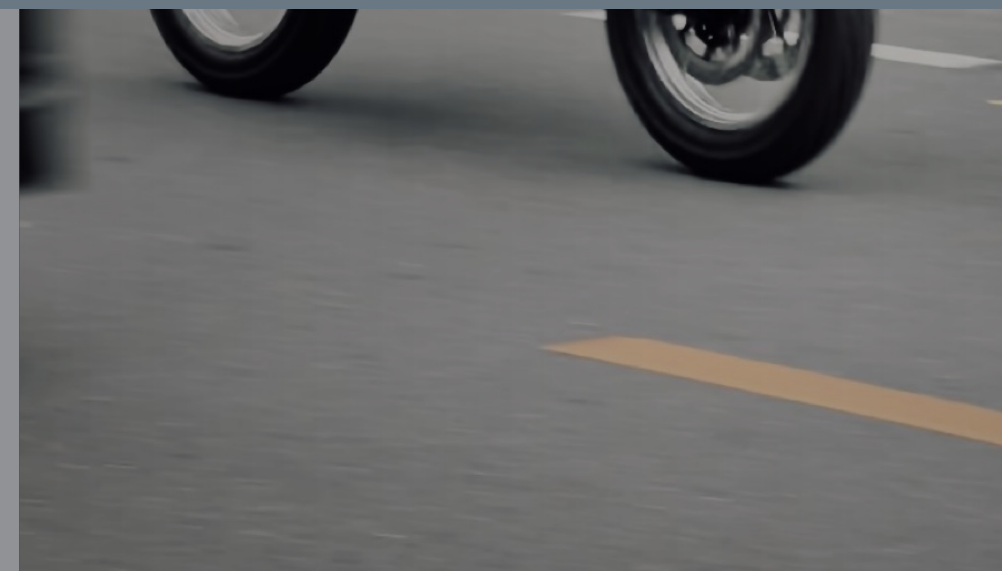
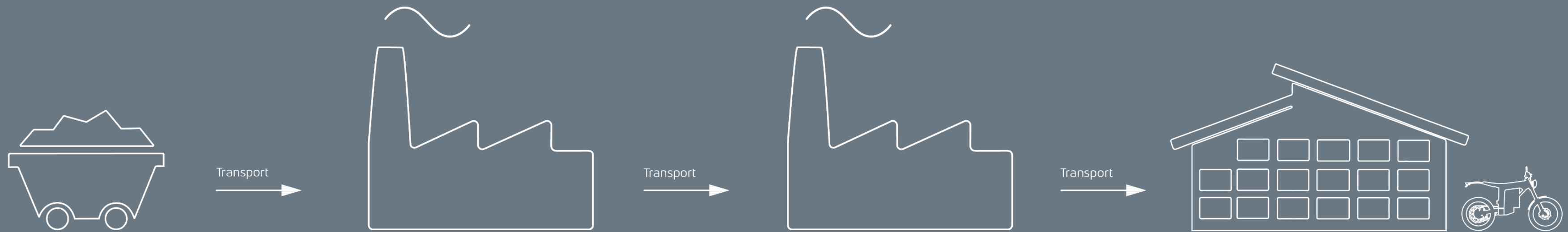


Raw material extraction

Material processing

Part manufacturing

Assembly & finished product



Extending product life & recycle

How we do this?

All electric, modular & designed with minimized resources



Localization and assembly

Factory: 22,400 sqm
Capacity: 100,000 units per year



Education, Training, & Service network



Extending product life & recycle

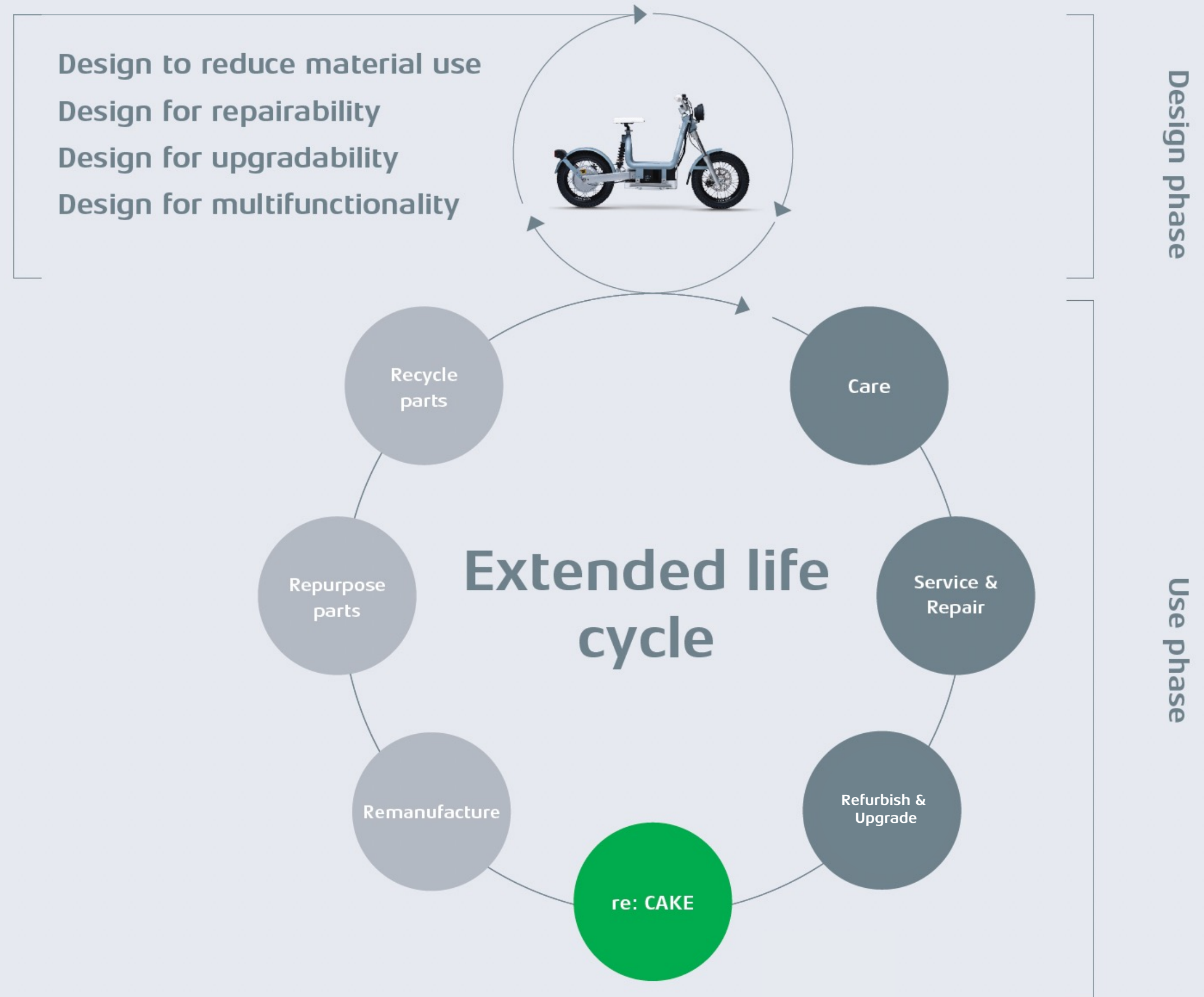
Localization projects with UNEP and partners



X



Our circular framework





**How we reduce
emissions**

The world is heating up



Everything we make creates emissions



Industrialisation

Economic growth and technical developments. But also increased emissions.



The Great Acceleration



1800

1850

1900

1950

2000



50% of global emissions originates from the extraction and processing of materials



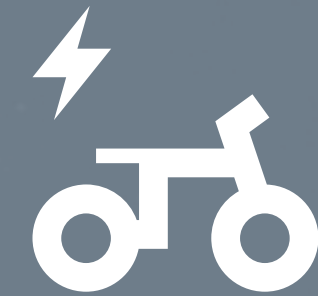
Mid size electric car

20,000 kg CO₂e



46" LED TV

1,334 kg CO₂e



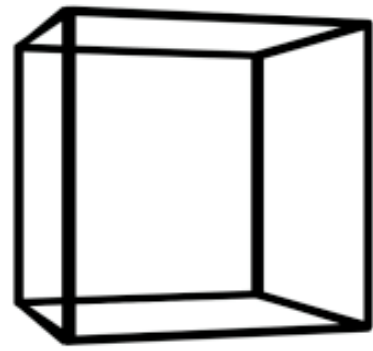
CAKE Kalk OR

1,186 kg CO₂e

The Cleanest Dirt Bike Ever

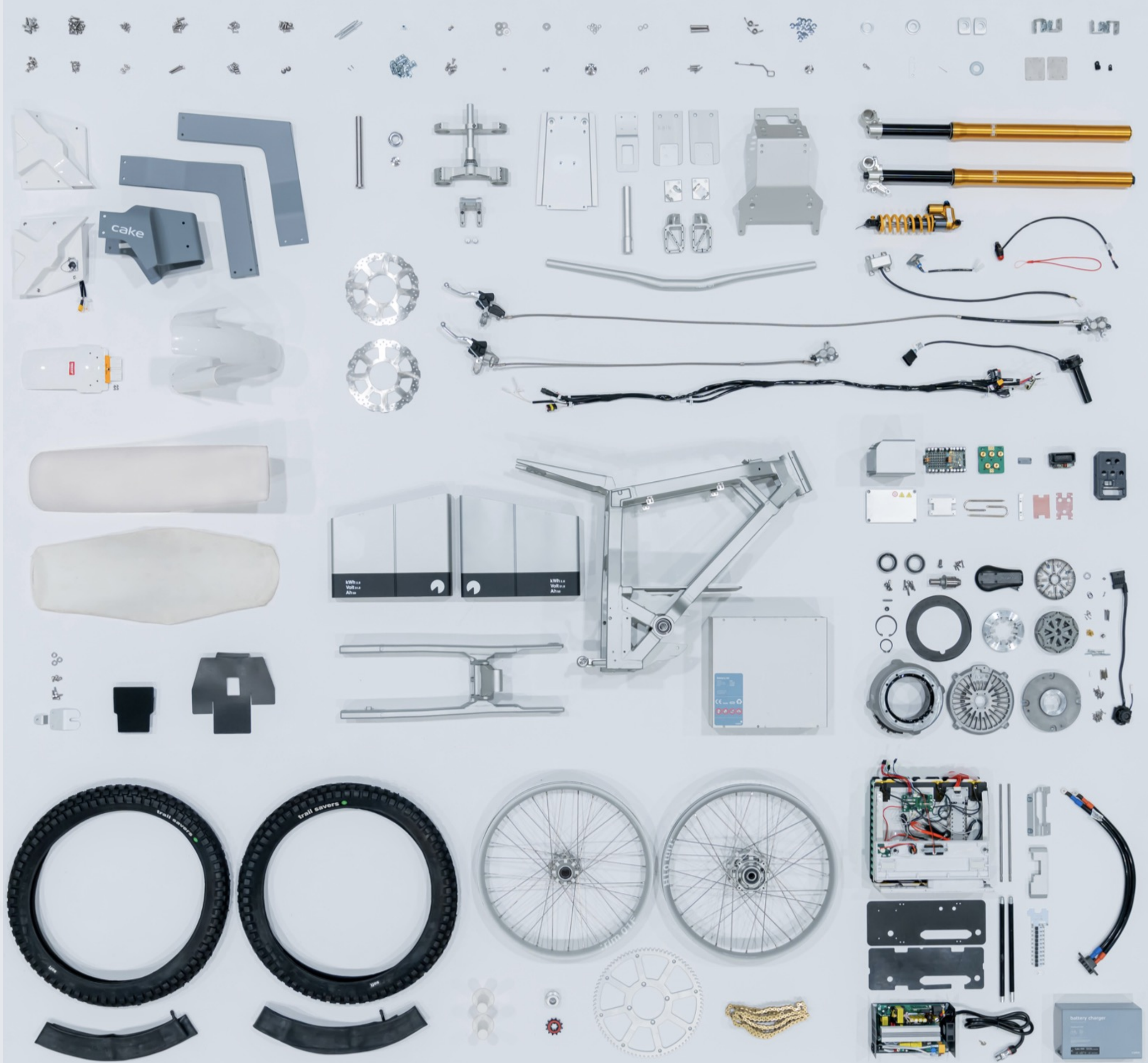
One bike built to change how all vehicles are made

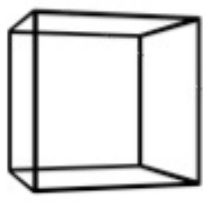




Cleanest
Dirt Bike
Ever

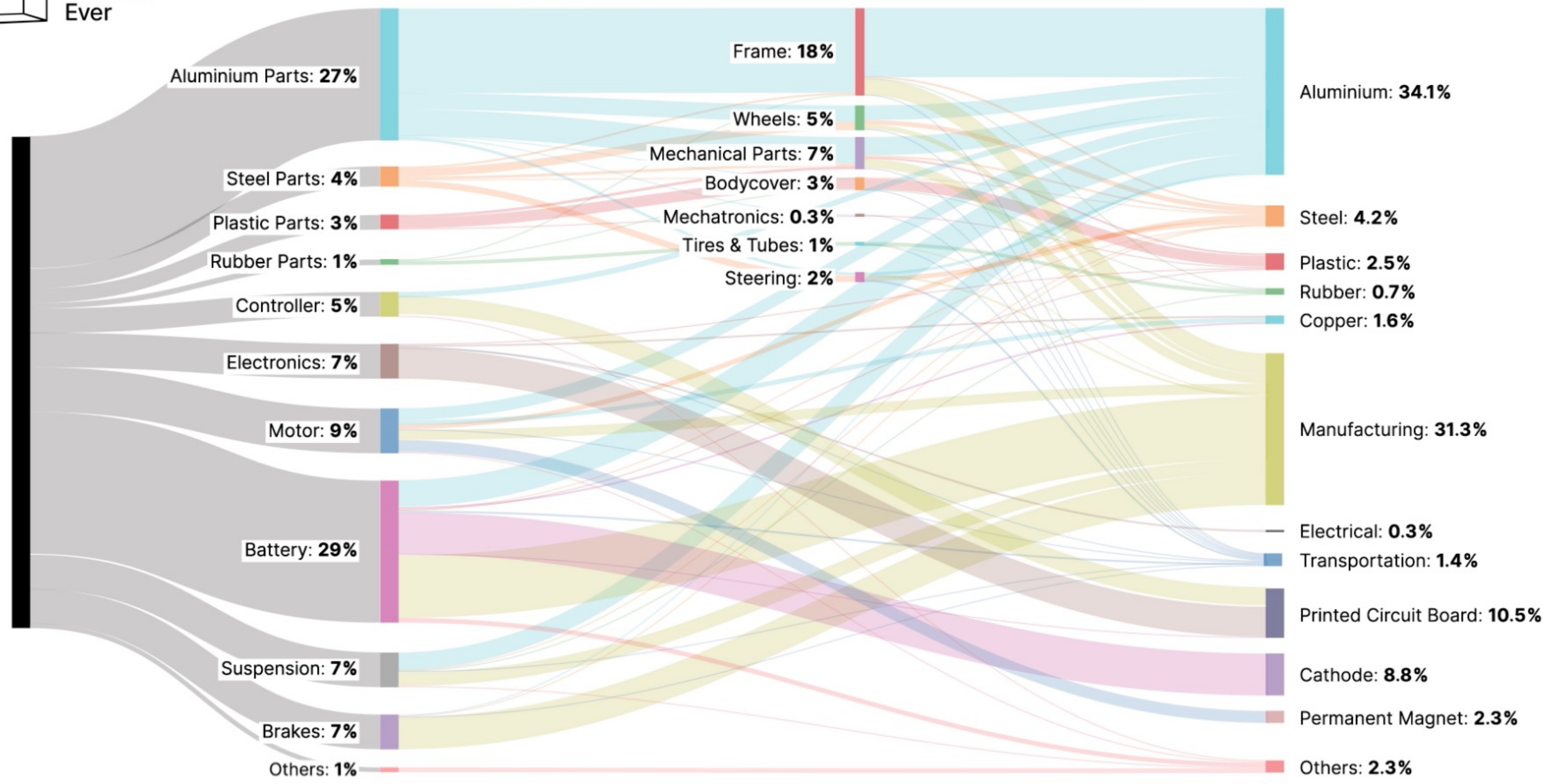
<https://youtu.be/7-KBmjaSGIs?si=JNIZBMqVRZGhj-gp>





Cleanest
Dirt Bike
Ever

CAKE Kaik OR 1186 kg CO₂e





Without change
we are about to outgrow our atmosphere



1,5 degrees = 250 billion tons CO₂ to go
leaving us 5-6 years in time

That's why we have started to decarbonize our value chain
eliminating emissions to as close to zero as possible



• 2025





**Electricity
as a source of innovation**

Business case thinking from a customer perspective

The cost of energy transition

2%

of the GDP

Source: The Energy Transition Commission

The cost of doing nothing

20%

of the GDP



Everything has a carbon cube

Join the ride of a clean transition

2.62 m : 



A pair of jeans
33 kg CO₂e, 18 m³



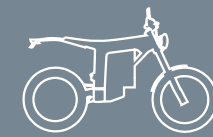
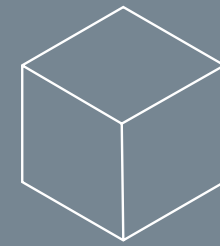
Beef, 1 kg
60 kg CO₂e, 32 m³



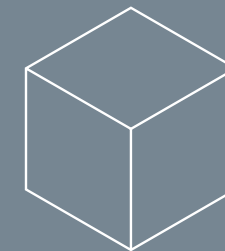
Petrol, 60 liter
182 kg CO₂e, 97 m³



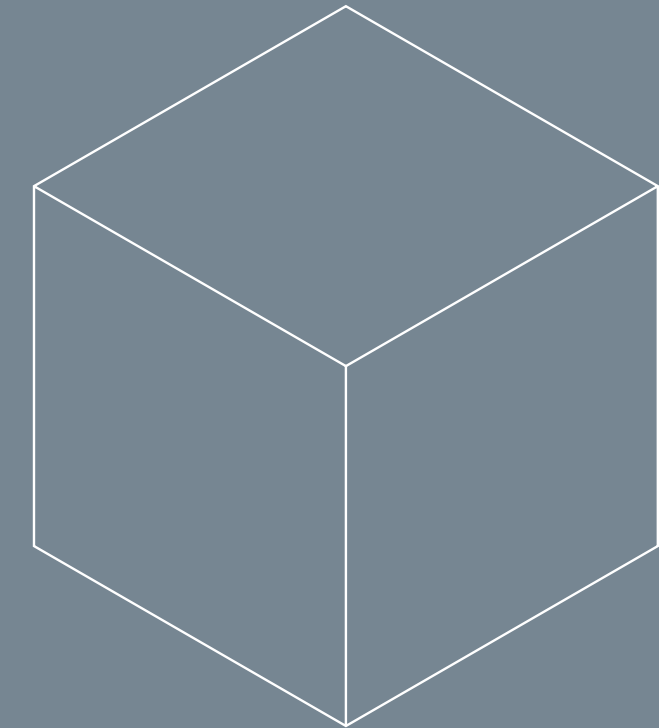
Diesel, 60 liter
206 kg CO₂e, 110 m³



CAKE Kalk OR
1,186 kg CO₂e, 637 m³



46" LED TV
1,334 kg CO₂e, 713 m³



Mid size electric car
20,000 kg CO₂e, 10,687 m³

26.54 m

Thank you

explore with respect[®]

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