

Mubea
U·MOBILITY



MUBEA U-MOBILITY

COMPANY PRESENTATION

- Family-owned business since 1916
- World market leader in the development and manufacture of complex automotive components
- Innovative lightweight specialist
- Vertical integration from raw material to end product
- Focus on technical innovations and sustainable business development with an impact on the environment



Mubea in numbers 2023

3,100

millions € turnover

17,000

employees

54

locations worldwide

10 %

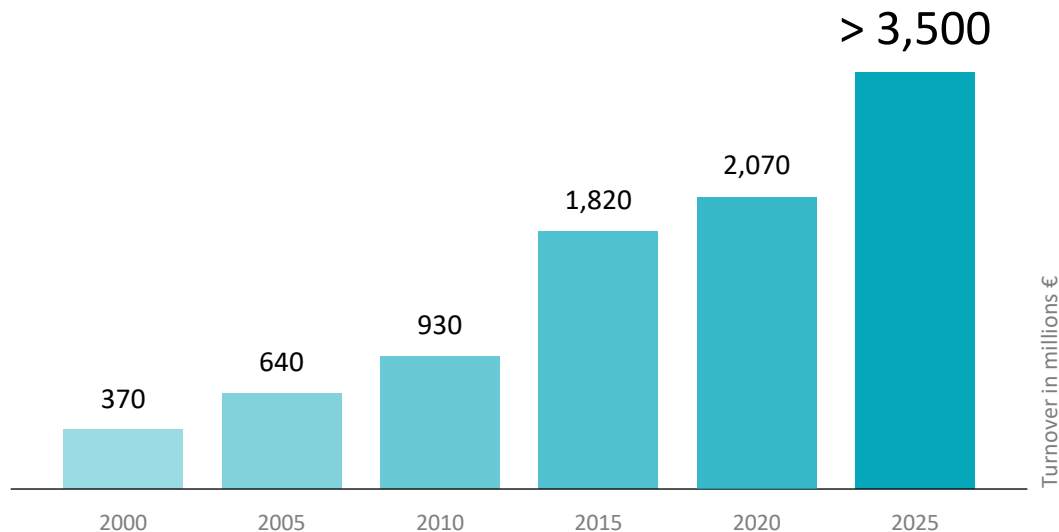
investment ratio as a
proportion of turnover

10,000

submitted improvement
suggestions

108

years of experience





“As innovative lightweight specialist Mubea is shaping sustainability within the automotive industry. With the foundation of Mubea U-Mobility we think mobility beyond the automobile. We develop emission-free micromobility vehicles which reach a new level of robustness, functionality and driver safety. For sustainable, comfortable and efficient urban mobility and logistics.”

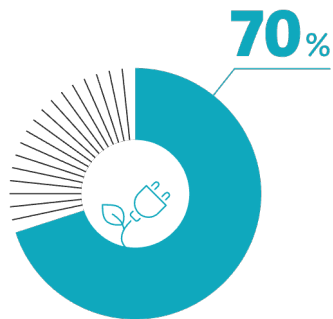
Dr.-Ing. Dr.-Ing. E.h. Thomas Muhr, CEO

Mubea U-Mobility – Change the way you move

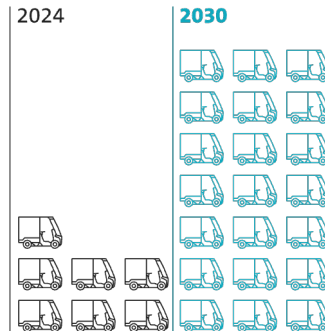


- Big changes start on a small scale. Everyone can contribute to shaping a more sustainable and liveable future. Smart technologies are helping us to change mobility in cities.
- With our unique micromobility products Cargo and XBoard, we are getting people excited about e-mobility, challenging the status quo and actively driving change. Made in Germany.

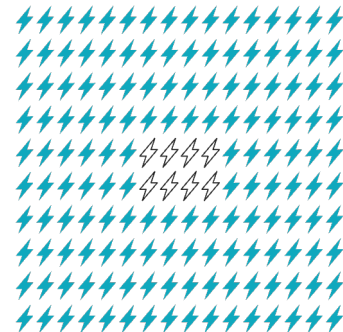
E-mobility in the fast lane



Desire for mobility alternatives
70% of employees want environmentally friendly mobility alternatives.



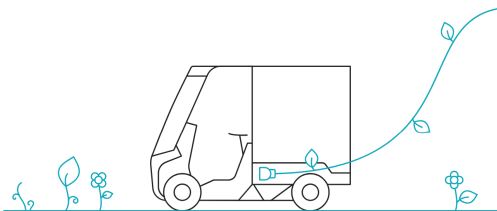
Change in vehicle fleets
Compared to 2024, three times as many vehicles with alternative drives will be on the road in German fleets in 2030.



Electric vehicles in use
By 2030, 160 million battery-powered electric vehicles are forecast worldwide.

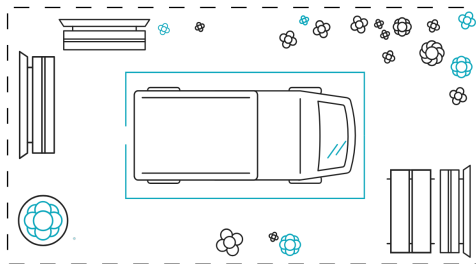
Avoid emissions

Unlike internal combustion engine vehicles, electric vehicles do not produce direct carbon dioxide emissions and other harmful and hot exhaust gases. In cities, their use directly improves climate and air quality and does not contribute to climate change through direct emissions. **This means that we can all breathe easily.**



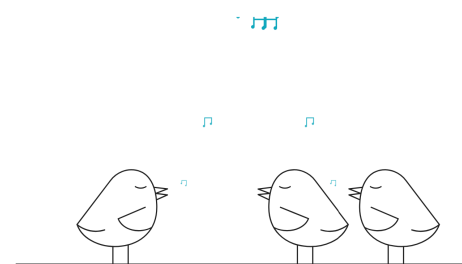
Reduce space requirements

Due to their expansive design, conventional vans take up a lot of space on the road, especially when parked. eCargobikes require much less space. Therefore, they improve traffic flow, leave more room for pedestrians and cyclists, and enable more efficient use of urban space overall. **This way, more efficiency and relaxation is achieved.**



Reduce noise pollution

Vehicles with combustion engines produce a lot of noise, which has a negative impact on health and quality of life, especially in the city. eCargobikes, which are much quieter in operation, reduce noise stress in urban areas and improve the quality of life for residents. **It's simply easier to live quietly.**





CARGO



XBOARD

A man with a beard and blonde hair, wearing a dark jacket and blue jeans, is walking on a paved sidewalk carrying three large cardboard boxes. To his right is a dark-colored Mubea eCargoBike, a three-wheeled electric cargo vehicle with a large front windshield and a cargo box on the back. The background shows a modern city street with buildings and trees.

Mubea
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CARGO

When over 100 years of experience in automotive development, the most innovative production technology and passion flow into the development of a cargo bike, a new type of vehicle is created - an eCargoBike that changes the status quo.

Our Cargo family provides solutions for every application



- Chainless Powertrain
- Two-speed transmission with boost gear
- Max. gradeability under full load 18 %
- Max. electrically assisted speed 25 km/h
- Electric drive-off assistance (pushing aid) up to 4 km/h
- Integrated reverse gear, reversing light, warning light & beep
- Gross vehicle weight 600 kg
- Payload up to 200 kg (Box)
- Dimension box (L 1,630 mm x B 912 mm x H 1,321 mm)
- Box interior volume 2.0 m³ (2,000 l)
- Small turning circle (< 6.750 mm)
- Replaceable battery system with up to 2 slots (2 x 1,440 Wh)
- Max. range up to 50 km (with 2 slots)



Bike at heart, built like a car

Premium technology from the automotive industry sets standards in terms of robustness, functionality, payload and driving safety!



Safe parking

Double parking lock with RFID Quick-Lock and electronic parking brake.



Boosting you uphill

With a gradeability of up to 18% - fully loaded!



The art of safe maneuvering

Warning light, beep & maneuvering mode ensure safe reversing & easy parking.



Tireless on the road

Low-maintenance, chainless powertrain for less wear, costs and service times.



CARGO

Product portfolio

Cargo PACK

from 17,588 € up



Cargo WORK

from 17,588 € up



Cargo PICK-UP

from 13,589 € up

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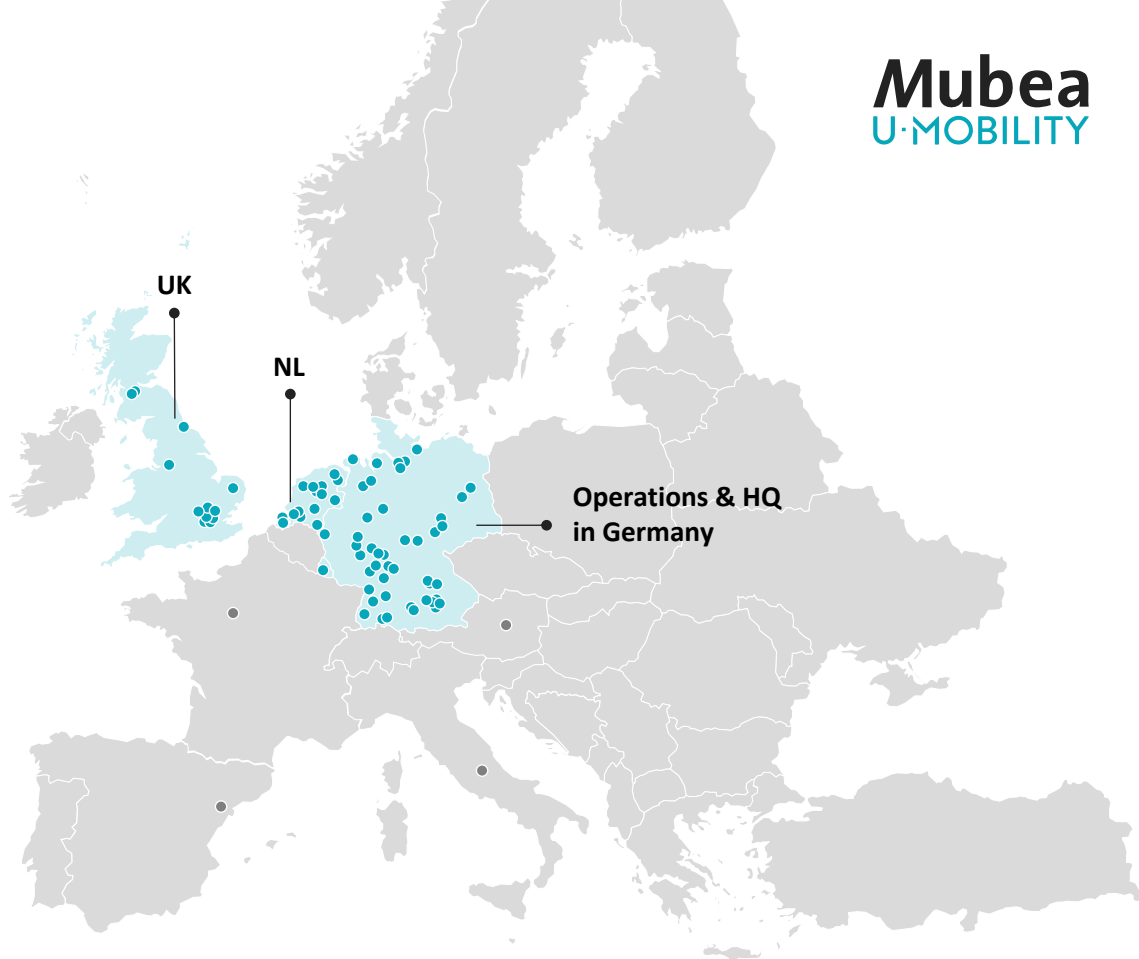
Cargo in use



Cargo around the world

Our eCargobikes are already in use internationally - and further locations are scheduled.

- In use
- scheduled



Target group

Whether it's parcel delivery, campus logistics, advertising platform or providing services, as a single vehicle or in a fleet – we offer strong solutions for every industry.

Business application / B2B

Delivery transport

Parcel delivery for urban logistics
Catering services
Mail deliveries

Campus transport

Industrial companies with campus
Industrial / business parks
Vacation resorts / recreational park
National parks or zoos

Service related transports

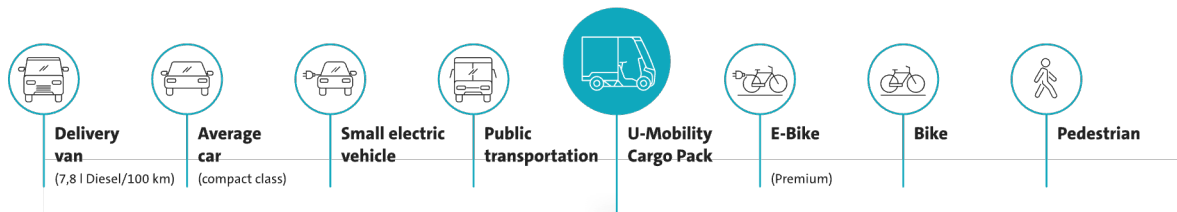
Healthcare services
Craftsmen
Facility management
City / municipal administration

Other transports

"Car-free" housing estates
Historic town centers
Spas & islands



Small CO₂ footprint. Space-saving. Low cost of ownership.



	Higher environmental impact				Zero environmental impact			
CO₂ emission Grams of CO ₂ per person per km travelled *	240	216	136 **	64	12 **	4 **	0	0
Required space Space in sqm required per occupants ***	12	8	7	0.7	3	1.5	1.5	0.5
Costs Total costs of ownership ****	1.00 €/km	—	0.66 €/km	0.14 €/km	0.31 €/km	0.14 €/km	—	—

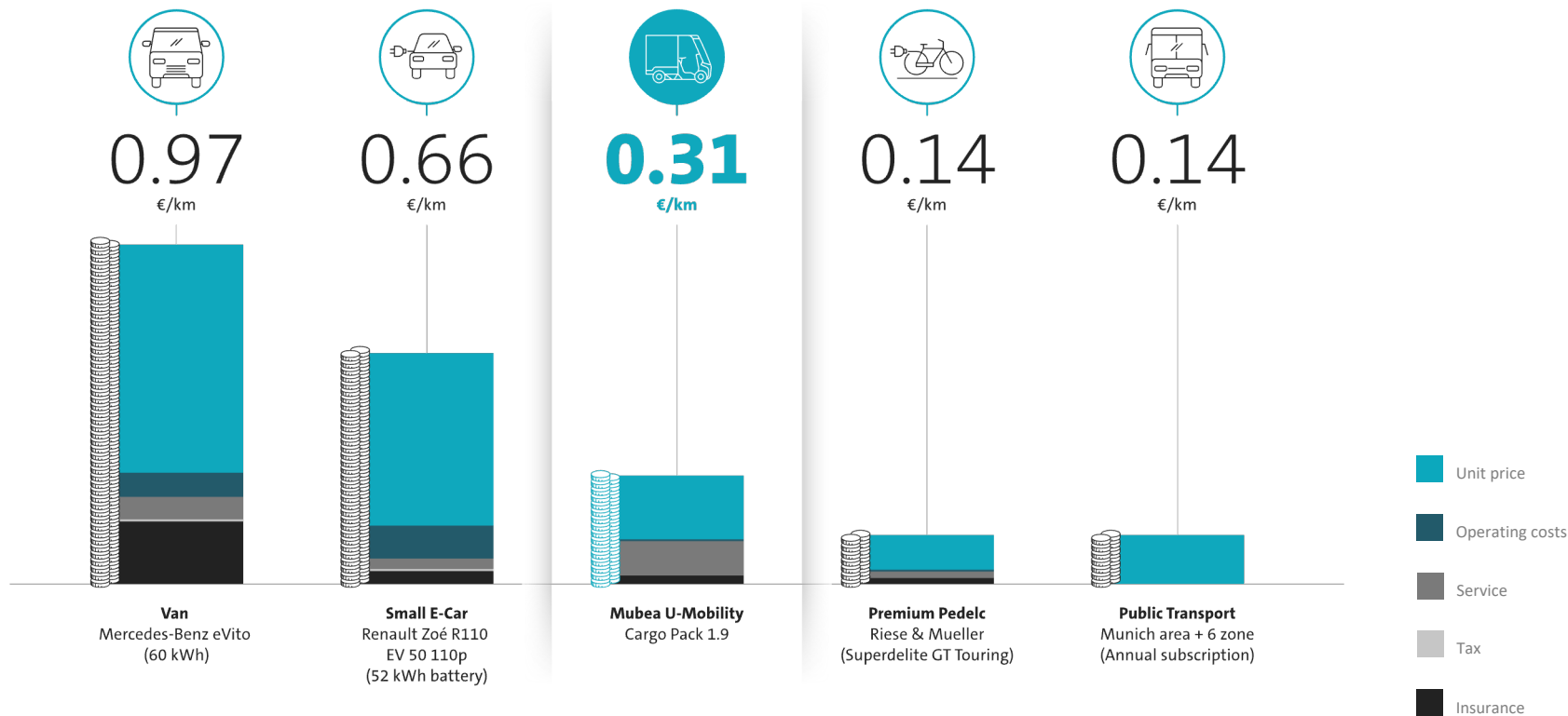
* Based on calculations by the Institute for Energy and Environmental Research Heidelberg; source: Quarks 04/2022 (<https://www.quarks.de/umwelt/klimawandel/co2-rechner-fuer-auto-flugzeug-und-co/>)

** German electricity mix

*** in-house assumptions

**** Based on calculations by ADAC & in-house assumptions (Unit price + Operating costs + Service + Tax + Insurance Package)

Total Cost of Ownership (TCO)



Mubea
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XBOARD

The XBoard is shaping a new era of urban mobility - sustainable, practical and full of riding fun. More than just getting around: an exceptional riding experience on any terrain, ready for use at any time.

Our XBoard – Light. Powerful. Flexible.



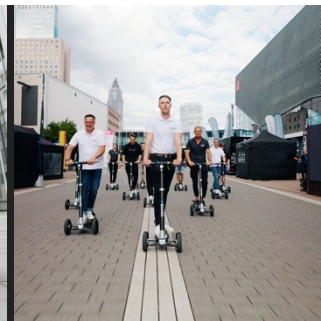
- Mubea powertrain
- Lightweight folding frame with a one-click folding mechanism made of magnesium, carbon fiber and glass fiber plastic
- 48 V lithium-ion battery, 336 Wh & 2.5 h charging time
- Full suspension front & rear
- Hydraulic disc brakes front & rear plus motor brake via button on the handlebar
- Three pneumatic tires (8.5 inches)
- Gradient capability up to 20%
- Range up to 30 km
- 18 kg incl. battery

* The specified range of 30 km (at level 2) was determined under the following test conditions: The battery was fully charged, the total load was 85 kg. The e-scooter was operated at a constant speed of 15 km/h on a flat, dry and asphalted road at an outside temperature of 18 °C. The tire pressure was 4 bar. Deviations from these conditions can affect the actual range.



XBoard Experience

- Your street surfboard
- Design and technology cleverly combined
- Tilting technology that takes your riding experience to a new level
- Safe fun thanks to two front wheels with independent suspension
- Folded up in one second - the feature with the click
- Simply unfold, hop on, and start surfing



- The XBoard has a specially developed drivetrain and a high-torque engine. It's quick of the mark and powerful, perfect for that surf feeling on the city streets.
- Due to groundbreaking lightweight construction technology and an innovative chassis design with a unique folding mechanism, the XBoard combines practical utility, unbeatable ride comfort, and high safety.
- The motor power can be adjusted individually with the three driving modes Walk, Eco, and Sport.
- The battery is housed in the steering column – elegantly hidden and with benefits in terms of handling.
- All three 8.5-inch wheels are fully suspended and equipped with effective hydraulic disc brakes - additionally, the XBoard can also be braked with a motor brake via a button on the handlebar.





Up to 30 km
pure electric range



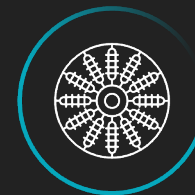
Full suspension
front & rear



Hydraulic disc brakes
front & rear



8.5 inch
pneumatic tires



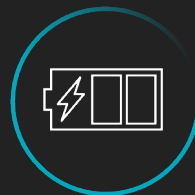
Powerful engine
with maximum torque



LED front,
rear & signal lights



18 kg
total weight

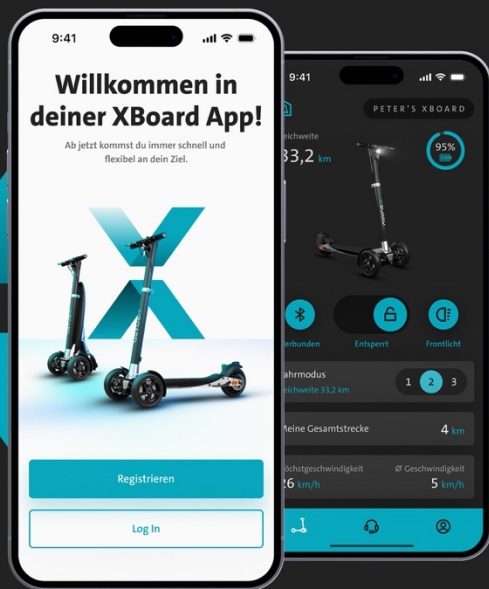


48 volt
battery



Smart folding
mechanism

The dashboard for the city surfboard



- **Direct control:** The dashboard of the XBoard app displays all important driving information in real time.
- **Individual settings:** The XBoard can be customized according to your own preferences.
- **Share the XBoard:** Simply invite friends to ride the XBoard!
- **Always up to date:** Use the XBoard app to install the latest firmware directly onto the XBoard.



xboard.mubea-umobility.com/en/xboard/app





XBoard Fleet solution

With the XBoard as a fleet solution, companies are sending out a strong signal: for individuality, smart mobility and greater sustainability. You can also be elegant on the road to the future.

XBoard Employee leasing

Leasing an XBoard is very simple: companies choose one of our leasing partners and they take care of everything else. The benefit: employee loyalty and motivation free of charge.





"The XBoard is a smart addition for our customers and aligns with our premium standard."

Georg Oehme,
Managing Director at Meros



"The XBoard is convincing in everyday life anyway: surfing along independently, getting to your destination in a relaxed manner. Exactly my style."

Mia,
XBoard Ambassador



"The spiders usually provide the wow effect. It's similar with the XBoard."

Codadrea,
Germany's best-known spider influencer



"The XBoard adds a splash of beach vibes to the city. In Berlin, you'll find me surfing at Wellenwerk."

Diego,
Surfer from Chile

THANK YOU!



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