



Downsizing Cars into City Pods and 4-Wheel EBIKES

Cities restrict car traffic to enable the shift from car traffic to cycling (both B2B and B2C)

CityQ is the first vehicle platform to enable this shift in urban mobility.

The future of cycling with car like technology, connectivity, safety and comfort.



Who we are Helping providers in car restricted areas



Cities are restricting car traffic



60% don't cycle in bad weather



Cycling: Safety issues and limited capacity



75% smaller
90% right sized

Downsizing cars into agile 4-wheel ebikes and smart city pods

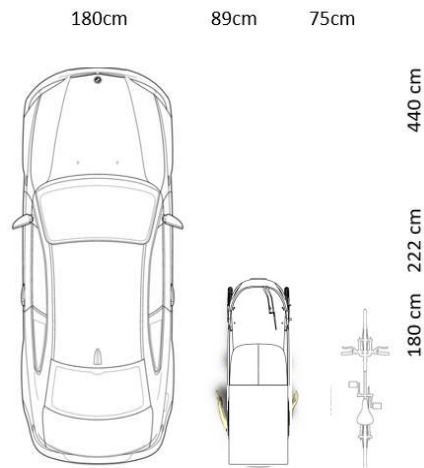
Scandinavian and German company - 3 decades of expertise in IT- and EV-vehicle development

- Smallest car-like 4-wheel cargo ebike
- New technology with connectivity and chainless drive train
- Modular vehicle-platform – offering range of models

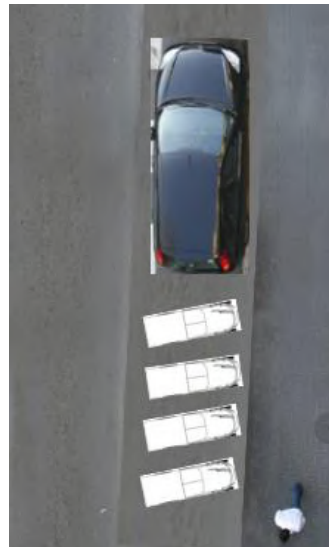


Why downsizing is key – making CityQ attractive to cities

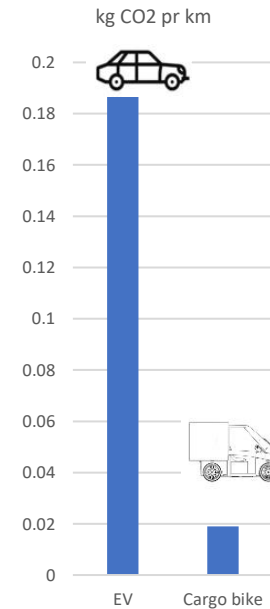
Benefits by replacing 2000 kg EVs with 100 kg e-cargo bikes



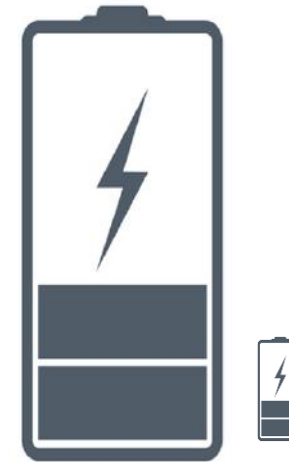
75%
less congestion



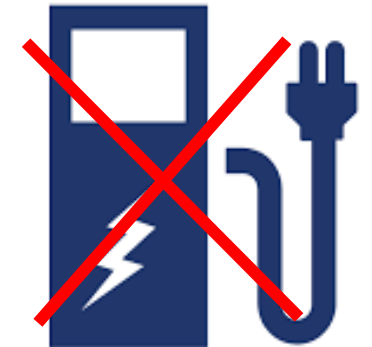
75%
Less parking space



80%
Less CO2
emission



90%
Less energy
Less usage
of battery cells



100%
Less need for
Car charging
infrastructure

First ebike with car like flexibility and comfort

Scalable Vehicle-as-Service platform optimizing rental, maintenance and production



First software based drive train – chainless

Car like drive modes and feeling
 Vehicle-as-a-service platform
 Full connectivity – remote tracking, locking
 Pod or cargo bike - defined by the software



Regulated as bike – EPAC, EN15194

Max 25kmh, motor assisted pedalling
 Free parking and riding in bike lanes
 No driver's license - No number plate
 Car like seating - full weather protection



IKEA-like assembly and modularity

First flat chassis bike for multiple models
 Optimized for reliability – B2B and B2C
 Made for local micro assembly, customization



HIGH-TECH CAR-LIKE FUNCTIONALITIES, ELIMINATING THE NEED TO DRIVE A CAR

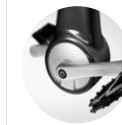
Car like features

- ✓ Car like seat
- ✓ Floor, doors and roof
- ✓ Window and wiper
- ✓ Bumper
- ✓ Side mirrors
- ✓ Turning lights
- ✓ Pedal generator
- ✓ Chainless – pedal by wire
- ✓ 2 hub motors 220NM
- ✓ Swappable batteries
- ✓ Tracking
- ✓ Rear camera (extra)
- ✓ Keyless lock (extra)
- ✓ Up to 1.5M3 cargo capacity
- ✓ Few minutes to swap cargo box, or make pickup-model



Technical Data

- ✓ Width: 89cm
- ✓ Height: 165cm
- ✓ Length: 259cm
- ✓ Net weight: 120-150kg
- ✓ Gross weight: 400kg
- ✓ Cargo capacity: 0.9-1.5m3
- ✓ Passengers: 2
- ✓ Motors: 2*125W, 220NM
- ✓ Batteries: 1-2, 48V, 1440WH
- ✓ Range per charge: 60-110km
- ✓ Drive train: chainless, pedal assist
- ✓ Wheels: 20'



4 times less the price, same usage, both B2B and B2C
Fits anyone from school kids, all the way to elderly and disabled

A range of models & flexibility – on same modular chassis

B2B models optimized for efficiency in inner city. High flexibility. Recommended models 1000-1320ltr

1000ltr
(Cargo box: 850ltr)



6 Euro-boxes (30x40) per floor
1 Euro box (40x60) at low compartment

1320ltr
Cargo box 1200ltr



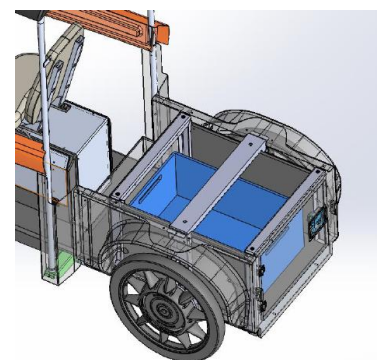
8 Euro-boxes (30x40) per floor
Euro-Pallet size (1200 x 800)

1620ltr
Cargo box 1500ltr



Box width 100cm
(the others being 89cm)

Pickup & passenger



CityQ Vehicle Platform

Innovation platform
Multiple models
Customized requests



Cityq.biz

Cargo version



Cargo version multiple type of cargo boxes



CityQ pick-up

Passenger Version (2 people)

Utility and cleaning service



Private and leisure:

City services/event bike

Park and utility services

club car, golf cart and airports



CITYQ track record: Signed and delivering to top tier brands



Norwegian Post

The Norwegian Post has ordered a test fleet of CityQ ebikes as complimentary to other small electric vehicles (Paxster a Le6), trolley and a few more traditional cargo bikes

The postal service has been critical to previous traditional cargo bikes but recognize CityQ has removed many of the obstacles; and seems to be the most promising cargo bike they have tested.



Sörs

Nurnberg Municipality using CityQ cargo bike for maintenance in parks and car free areas. Appreciated for comfort, agility and ability to hire employees without driving license. As a bike you can ride efficiently both in parks as well as into street while moving from one area to another.



CITYQ track record: Highly reliable cargo bike



DHL

DHL London has been using 2 CityQ bikes on regular terms since start of 2023.

After 3000 km and 6 months, the bikes have had one single repair issue and 2 punctures.

Maintenance required has been marginal compared to traditional cargo bikes

Riders report high satisfaction and efficiency. Including the ability to park next to door of each delivery

<https://deliveryx.net/dhl-rolls-out-chain-less-cityq-ebikes-for-last-mile-deliveries/>



Wisag

The German leading facility management operator has used CityQ cargo bike since October 2022.

Wisag has used CityQ for approximately 2000km. First months they used a prototype, but since getting the current version (B-sample), there has been no issues after appr 1000 km.

Maintenance has been less than half of traditional cargo bikes

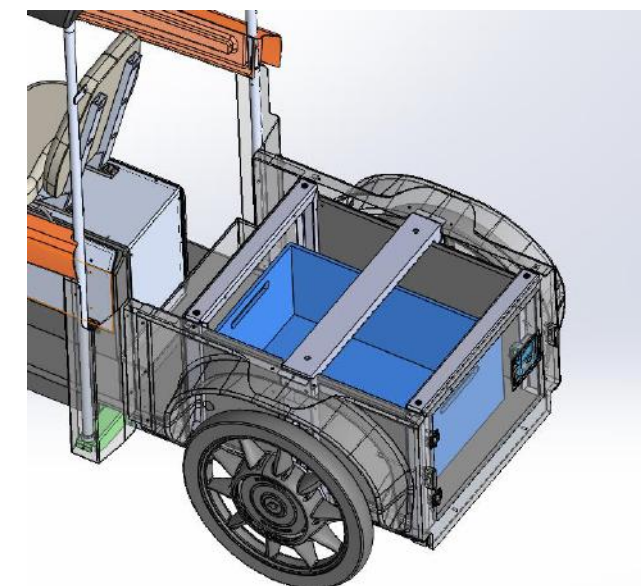
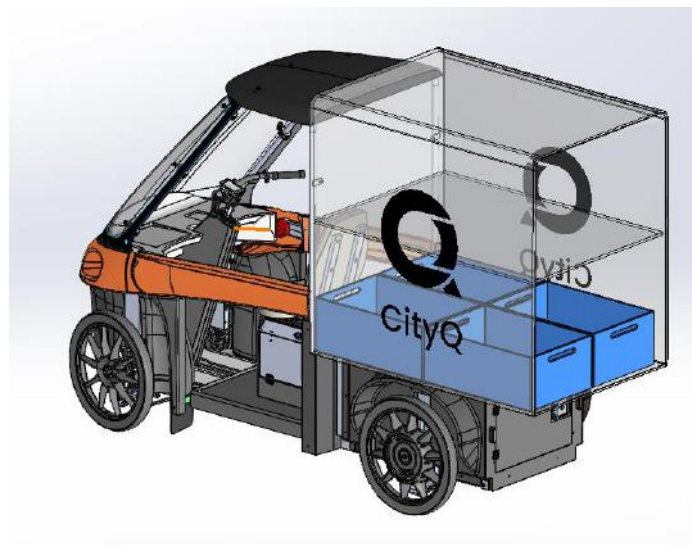
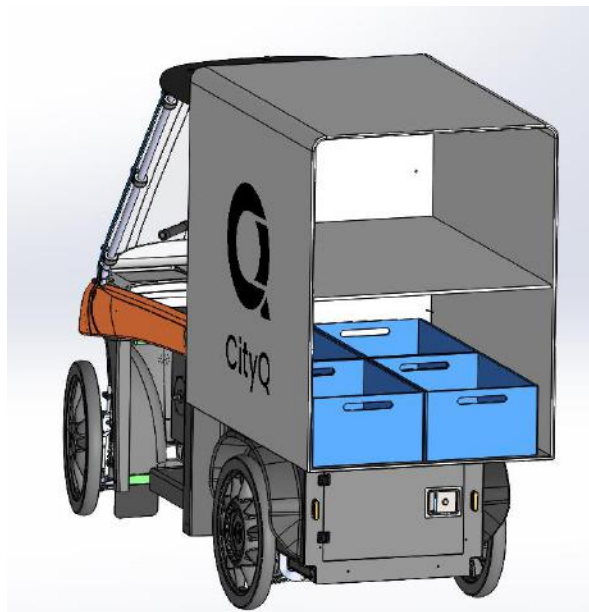


Delivering high quality, customized 4 wheel bikes for top brands



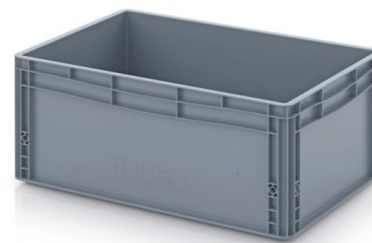
The most reliability cargo bike
99% uptime by 1000 km and 4 months. No maintenance issues.

Flexibility upon standard Europallet and Euroboxes



Euro box capacity with XL 1200L Cargo box

- Inner dimensions : 1220x850x1125 (LxWxH)
- 6 Euro-boxes (60x40) per floor
- 4 layers of 27cm box
- 25 big euro boxes, including 1 in lower compartment

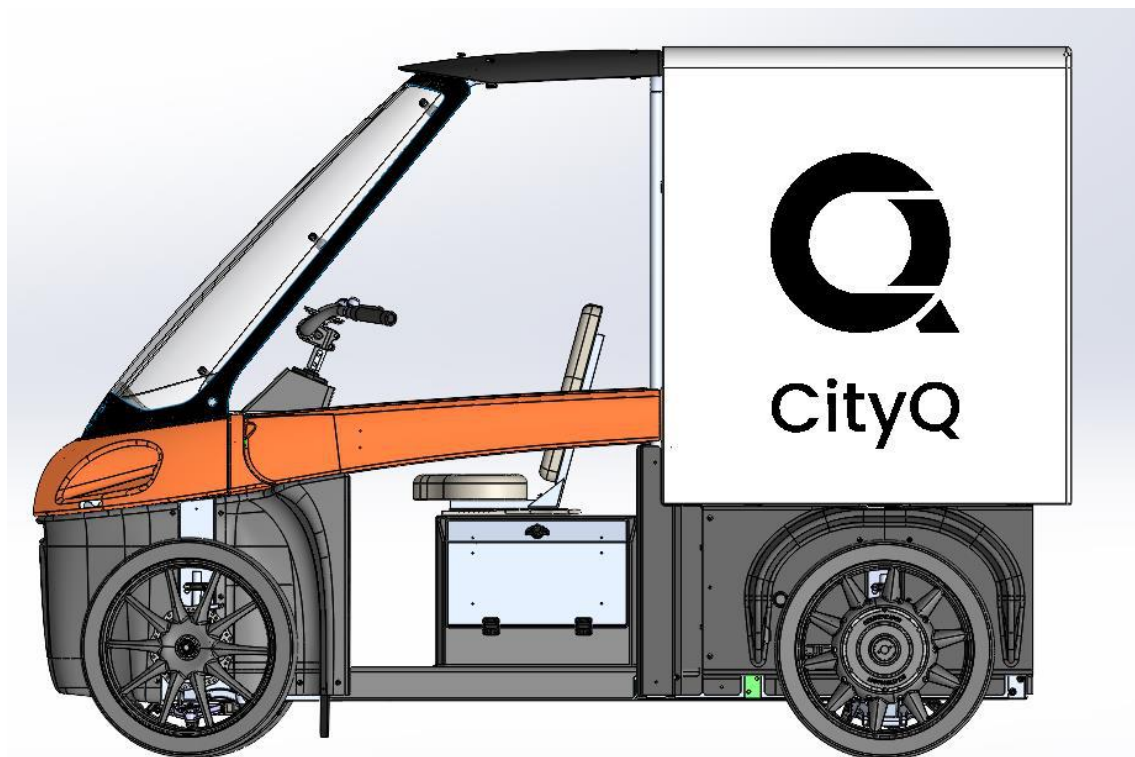


For 4 layers with 27cm height



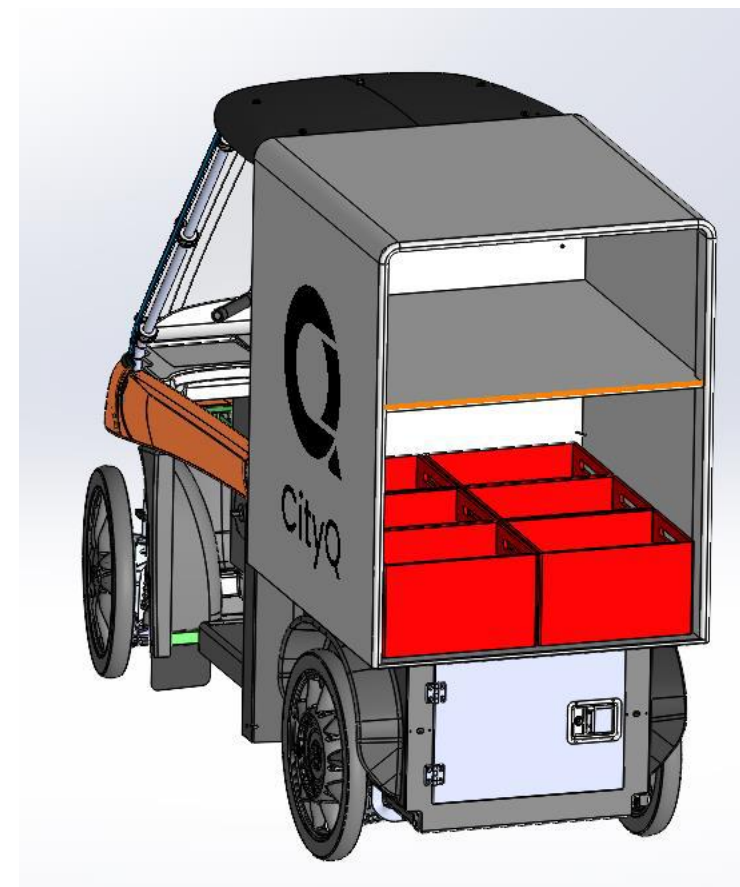
For lower compartment
Up to 42cm height

CityQ Cargo bike 850 – with capacity 850-1000ltr



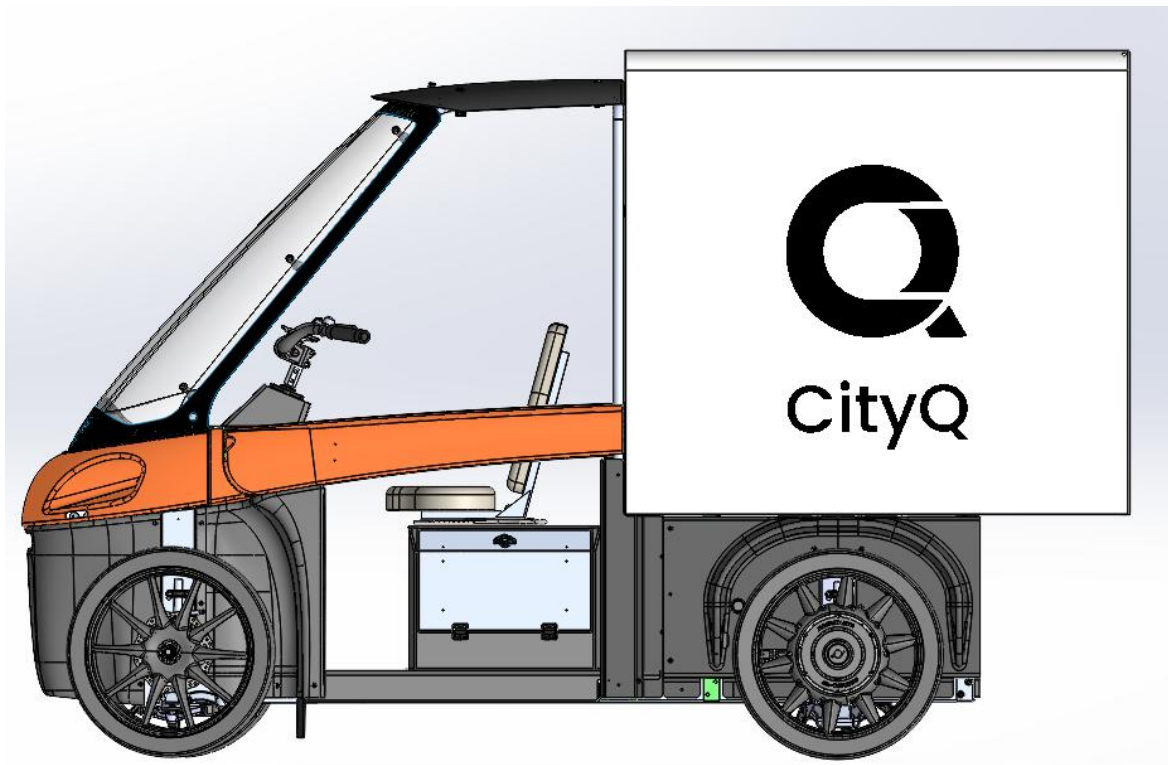
CityQ 850L - Small Box:

- Outer dimensions: 970x875x1085 (LxWxH)
- Inner dimensions : 930x850x1060 (LxWxH)
- Approx 850 Liter (plus 150 Liter below = 1000 Liter)
- 6 Euro-boxes (30x40) per floor
- Estimated weight: ~23Kg (one door, one floor)



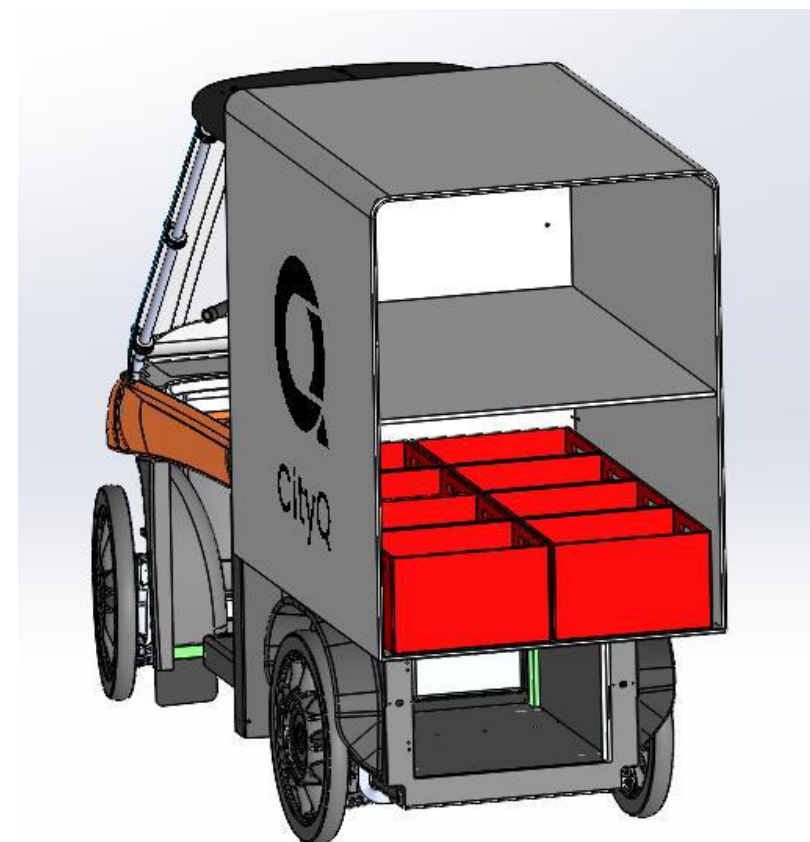
Additional 120l in lower lockable compartment

CityQ Cargo bike 1200 – with capacity 1200-1320ltr

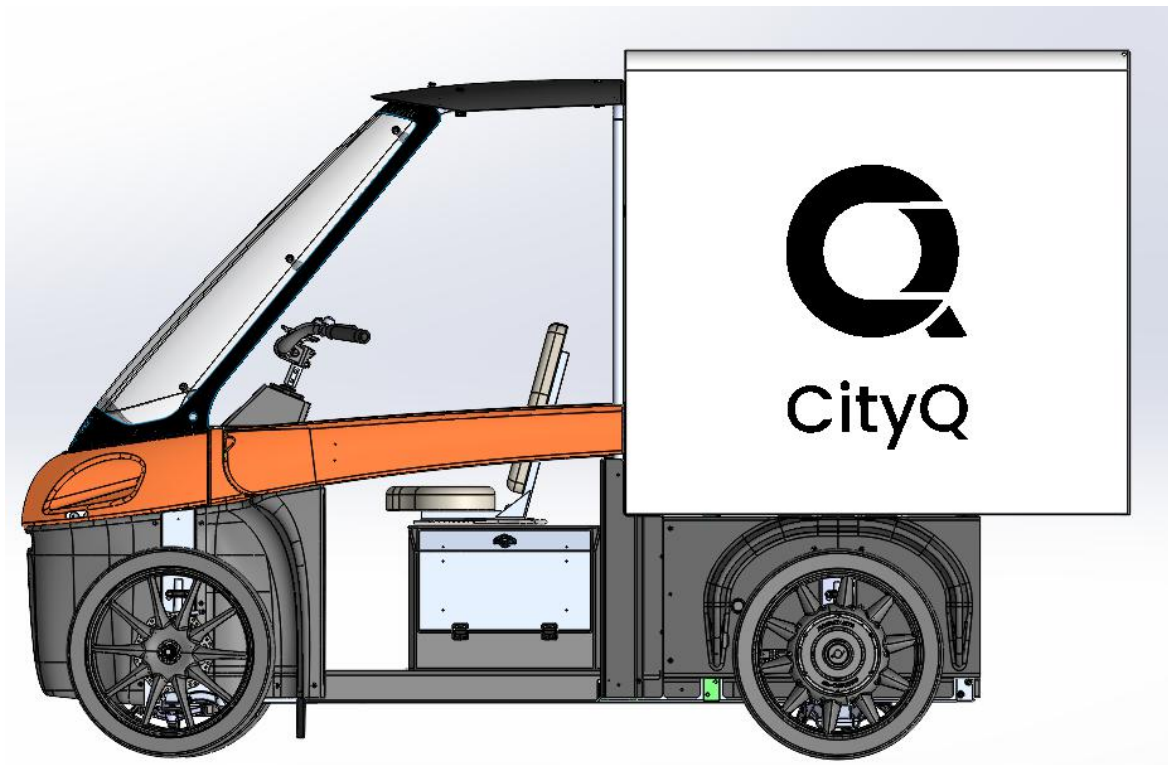


Big Box (Euro-Pallet size):

- Outer dimensions: 1260x875x1150 (LxWxH)
- Inner dimensions : 1220x850x1125 (LxWxH)
- Approx 1200 Liter (plus 150 Liter below = 1350 Liter)
- 8 Euro-boxes (30x40) per floor / Euro-Pallet size (1200 x 800)
- Estimated weight: ~31Kg (one door, one floor)

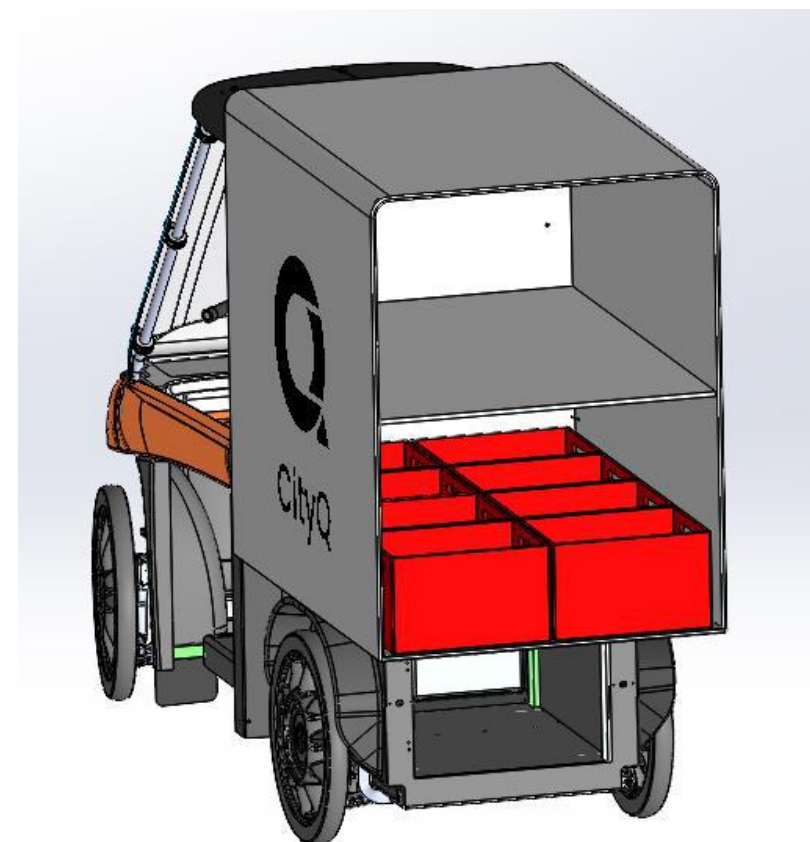


CityQ Cargo bike 1500 – with capacity 1500-1620ltr



Big Box (Euro-Pallet size):

- Outer dimensions: 1270x1000x1255 (LxWxH)
- Inner dimensions : 1230x975x1230 (LxWxH)
- Approx 1500 Liter (plus 120 Liter below = 1620 Liter)
- 12 Euro-boxes (30x40) per floor / Euro-Pallet size (1200 x 800)
- Estimated weight: ~41Kg (one door, one floor)



Extra lockable compartment below the cargo box



WxHxL = 482x352x677mm (115ltr) - fitting big Eurobox (40*60cm)

Cities implementing cargo bike strategies – fitting CityQ

River freight

River services can support last-mile cargo-bike deliveries as part of a multi-modal approach

A shift from road-based freight to rail and water and better integration between these modes provides further opportunities for cargo-bike last-mile deliveries. Successful ongoing and past trials in London have shown that there is potential to combine cargo bikes with water freight.

Action 6

We will work with operators, boroughs, BIDs and landowners to support multimodal trials and other initiatives that enable integrated logistics modes, including water and rail.



Combining water freight and cargo bikes

The courier service, DHL, runs a freight by water trial that uses cargo bikes for final leg deliveries from Bankside pier. This daily service brings light freight by water for onward delivery by cargo bike. Connecting micro-mobility solutions to support multimodal trips is becoming important for both last-mile freight and passenger trips.

Minimobility: The next big thing in urban mobility?

Two-wheeled micromobility options, especially e-kickscooters and electric cargo bikes, have become very popular in cities. Three- and four-wheeled minimobility may be the next big thing.



McKinsey & Company

\$100bn by 2030



<https://www.mckinsey.com/teatures/mckinsey-center-for-future-mobility/mckinsey-on-urban-mobility/minimobility-the-next-big-thing-in-urban-mobility>

McKinsey, September 2022

We are pleased with McKinsey using CityQ to illustrate this huge market opportunity. We are well positioned for this growth.

Morten Rynning, founder CityQ

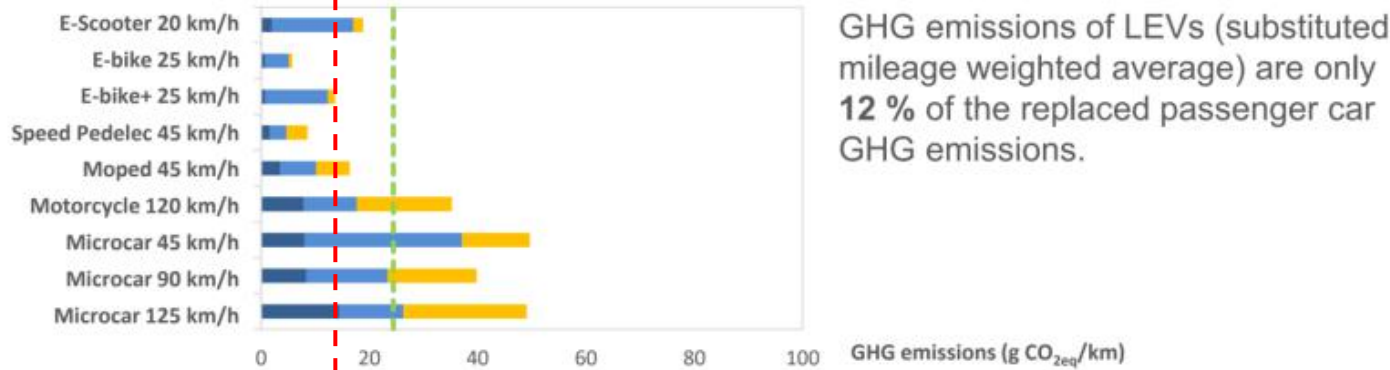
CityQ sustainability

80% less life cycle emissions per kilometer vs EVs

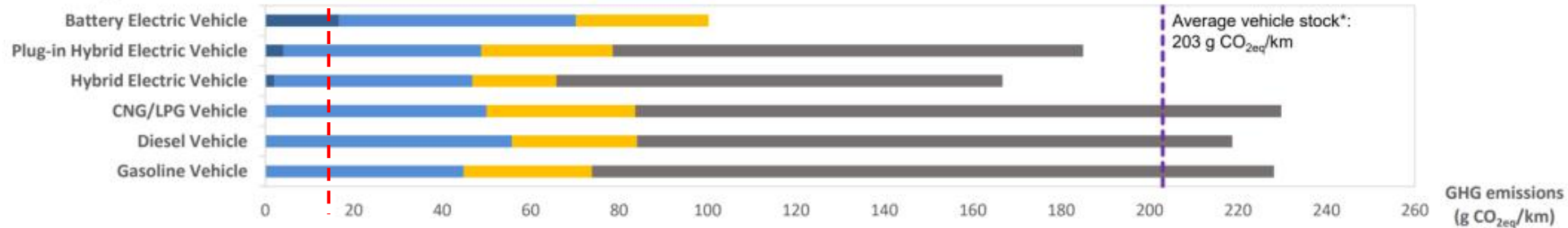


18g CO₂/km

LEVs



Passenger cars



■ Battery production
 ■ Vehicle production
 ■ Vehicle use: fuel/electricity production
 ■ Vehicle use: combustion of fuels
 - - - Cars – vehicle stock weighted emissions
 - - - LEV - substituted mileage weighted emissions

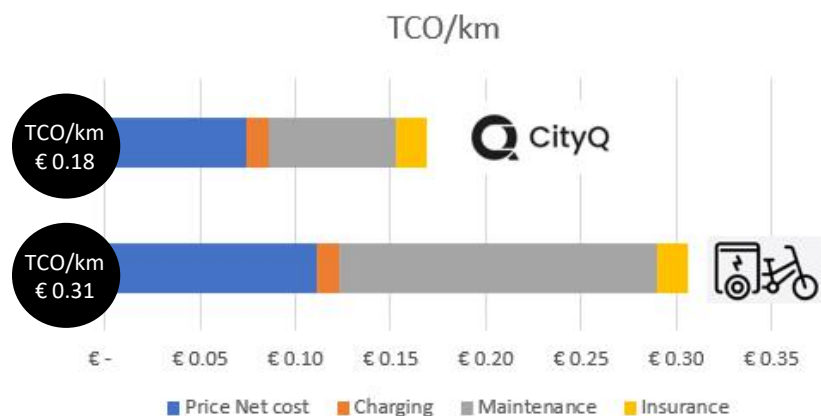
* Kopernikus-Projekt Ariadne 2021

The most reliable bike with top efficiency and low TCO

Main KPI for B2B is reliability and TCO
(total cost of ownership)

CityQ - Increased reliability and low TCO by:

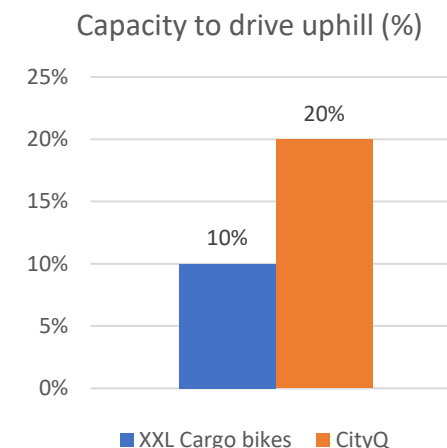
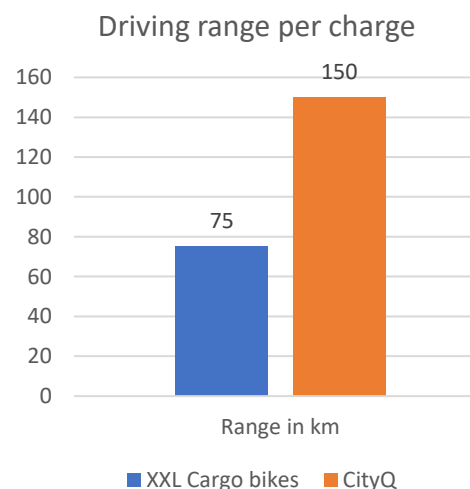
- Chainless
- Regenerating brakes
- Robust chassis
- Automotive style quality process (A-D-samples)
- Connectivity and remote maintenance
- Innovating assembly and procurement



Top maintenance issues: Drivetrain 18%, Wheels 16%, Brakes 15%
Source: TCO for cargo bikes NewMotionLabs

Top criteria among customers in need for cargo bike:

1. Reliable vehicle. Secured uptime. Available Service
2. Low overall TCO and maintenance
3. Delivery efficiency. Delivery per hour. Handling narrow paths, range, uphill, parking
4. Sufficient capacity and flexibility
5. Rider feeling. Weather protection, reverse gear, comfort/safety for rider and easy locking



Why acquiring CityQ ebikes?

- More sustainable transport
- More efficient transport
- Most reliable cargo bike
- Best comfort and safety
- Production ready from Nurnberg



Partner opportunities:

- Piloting
- Distribution
- Customization
- Assembly

info@cityq.biz

Offered for buy, rental or lease
Resellers in Germany, Benelux,
UK and Scandinavia

Currently evaluating resellers
across Europe



CityQ AS
Drammensveien 130 19C
Oslo, Norway
Cityq.biz and Cityq.com

CityQ GMBH
Fürther Str. 27
Nürnberg 90429, Germany
cityq.biz/de

Morten Rynning
CEO and founder of CityQ
mailto: morten@cityq.biz
Mobile: +47-90 02 05 38

Dr. Seshu Bhagavathula
Strategy and Growth Director
mailto: seshu.bhag@cityq.biz
Mobile: +49-1511-832-3576



Ordering your next CityQ:

Request a model, or a pickup with your ability to customize. We set up offer and potential delivery time
Add service level and add-on services – fitting your needs

1000ltr



6 Euro-boxes (30x40) per floor
1 Euro box (40x60) at low compartment

1350ltr



8 Euro-boxes (30x40) per floor
Euro-Pallet size (1200 x 800)

1500ltr



Box width 100cm
(the others being 89cm)

Pickup & passenger

