

# E-cargo bikes good for businesses and beyond

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Creating a smarter, healthier, greener city

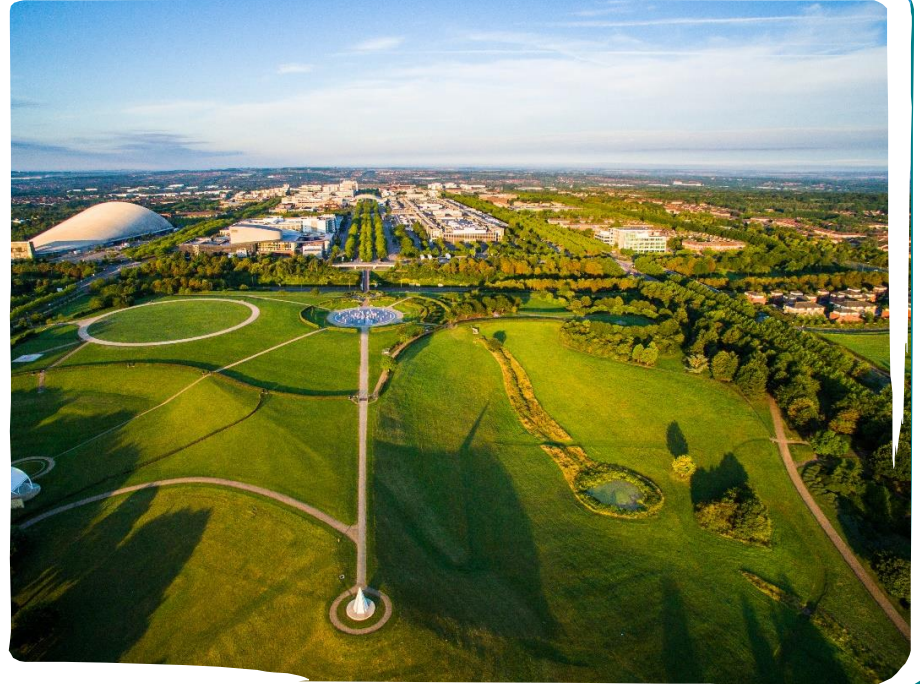
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# About MK

- Creative and full of ambition with a population of approx. 230k – expected to be bigger than Edinburgh or Cardiff by 2050
- 35% green space, over 200 miles of off road shared use Redways and miles and miles of leisure routes
- Reputation for innovation (bike hire, autonomous vehicle trials, e scooters, robot delivery services since 2018)
- In the top five cities for business start ups per 100,000 population
- One of the best cities in the UK for electric cars with over 400 charging points



# Concept

## Last mile delivery services

- Identified stakeholders internally and externally
  - Local MKC services, Businesses and Community Organisations
- Research
  - Type of bike required for activities
  - Additional funding required
  - MKC resource
  - Added benefit for other MK Initiatives
- Proposal – 21 eCargo bikes for:
  - Council services (6 bikes)
  - Hubbubs Food Connect Project (3 bikes)
  - Bikes for Business Lease Scheme (12 bikes)
- Project delivery
  - Engage key stakeholders
  - Procurement
  - Terms and Conditions
  - Marketing and promotion





# MKC eCargo Bikes

- Landscape Services and tree inspections
- Highway and Redway surveys – including maintenance, wayfinding
- Bikeability cycle training and guided rides
- Meetings, site visits and events
- NEXT
- Anti social behaviour team, waste collection, environmental crime, housing officers, public health, sports development



*Having now used the cargo Ebike for 6 months I have to say it is absolutely great, matching my post perfectly, giving me efficient, sustainable transport with well suited space to carry the necessary tools for my job.*



# Hubbub and Food Connect

- Zero emissions last mile redistribution service run by Hubbub
- Small fleet of e-cargo bikes and an e-van share surplus food from local businesses with the community
- Run by volunteers
- Set up to support that 'final mile' in food redistribution.
- Pilot run from September 2020 to February 2021 saving around 110 tonnes of good food from going to waste – the equivalent of almost 260,000 meals!
- The food saved was associated with at least **36 tonnes of greenhouse gas emissions**, while the use of electric vehicles avoided **1.7 tonnes of transport emissions**. The pilot also **created six green jobs**.



# Resync Deliveries

Bikes for business – our first eCargo bikes for business entrepreneur. One woman on a mission to improve her life, the local High Street Businesses and her local community

passionate about the natural world and how we treat our environment

- No warehouses
- No carbon emissions
- Quality shopping experience
- Supports and promotes local small business
- Kinder to the planet





# Electric Vehicle Experience Centre

Get Around  
MK



E-cargo bikes.

The clean, safe & fast way to deliver your precious cargo.

## Don't waste time stuck in traffic or trying to find a parking spot.

The E-cargo bikes take up less road space, are less intrusive than vans and cars, reducing mileage expense.

If you carry the weekly shop, or materials for customers, or even transport children, we have an e-cargo bike that will take you smoothly from A to B and beyond.

With a range between 30-120 miles powered by a 500wh Bosch battery, and a capacity to carry loads of 620 litres, the bikes are a versatile option.

With five different types of e-cargo bikes for you to choose from, each bike has its own personality and features.

Five bikes, five different sizes but they do have some features in common!

All of our bikes offer you four power settings ranging from Eco to Turbo, so depending on what type of journey you're completing and to what time frame, there is a power setting to help you get to your destination with minimal effort.

All of our bikes have lights on the front and back, all you need is a helmet and you'll be on your way no matter what time of day.

Built for comfort, all the bikes features can be adjusted. The seat height can be adapted in an instant to different body sizes so no one misses out on the enjoyment of riding an e-cargo bike.

Join the rEVolution.



E-cargo bikes are available on short-term loans at low costs.

## Just two examples of bikes available through our scheme:

### Urban Arrow Cargo XL



### Riese & Muller Load 75



For more information visit: [www.getaroundmk.org.uk](http://www.getaroundmk.org.uk)



Get Around  
MK

To express an interest in hiring, or to find out how you could make use of an e-cargo bike...

brought to you by  
MK  
Milton Keynes Council

Visit: [www.getaroundmk.org.uk](http://www.getaroundmk.org.uk)  
or email: [cycling@milton-keynes.gov.uk](mailto:cycling@milton-keynes.gov.uk)

# Lessons learnt

- Best made plans can change – Covid, MKC Resources, Funding, Storage, Maintenance
- Treading new ground can take longer than expected
- Get the right people on board early and keep them engaged
- Insurance policies for eCargo bikes in the UK aren't that flexible – short term policies are not available and long term policies are only offered by a very small handful of insurance brokers
- Try out a range of eCargo bikes
- eCargo Bikes for Business – still work in progress – challenging the norm and changing behaviour can take time







# Thank you

for listening and **thank you** to all of our partners for making this happen



Department  
for Transport

**energy  
saving  
trust**



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