

STUDENT E-BIKES

Encouraging sustainability in transport on UCD campus Monthly bike rental scheme for students Integrated app support for safer travel

WHAT IS IT AND HOW IT WORKS ?

Student E-Bikes is a service model that third level institutions can employ. The University would allow students to apply for an electric bike on a monthly rental basis.

Allocation of E-bikes will be based on necessity, putting priority to those students whose alternative locations would be longest.

Once allocated a place, you must attend a cycling induction then you are given a safety pack (hi viz, helmet).

At the end of each month the E-Bike must be returned to the University for a brief visual inspection to assess the condition of the E-bike and identify any potential maintenance required.

IDEAS FOR THE FUNDING :

- Organise a college partnership programme between UCD and a global bike company that promotes sustainability in transport
- Tender to multiple bike firms for manufacturing and maintenance services in return for turnover throughout an agreed fixed period
- A student body will be formed to provide easy communications between UCD and the bike firm. It will also ensure that students can obtain the best possible information on the structure of the bike rental scheme and the app features
- Allow companies based on campus to use the bikes and stations for advertisement purposes
- Allocate a percentage of bikes for students to use in return for fundraising. This could go towards improving bike stations and constructing better cycle paths around campus

BENEFITS OF USING STUDENT E-BIKES

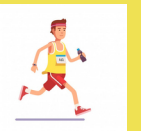
STUDENT E-BIKE IS ECOLOGICAL !

- 12.3 times less polluting than a car
- 4.3 times less polluting than a bus



STUDENT E-BIKE IS GOOD FOR YOUR HEALTH !

- Burn 330 calories per day
- 12km Cycling = 5 km running
- Reduce the risk of cancer
- Increase your life expectancy by 2.5 years



STUDENT E-BIKE IS ECONOMIC !

- Save between 30 to 150 euro per month



STUDENT E-BIKE IS TIME SAVING !

- Save 33 hours per months by avoiding congestion



STUDENT E-BIKE IS EASY TO USE !

- Cycle over a longer distance without being tired or sweaty when you arrive at UCD or at home
- No need to be a sporty person thanks to the electrical assistance
- Don't be afraid anymore about riding uphill
- You just need an app to take part in Student E-bike

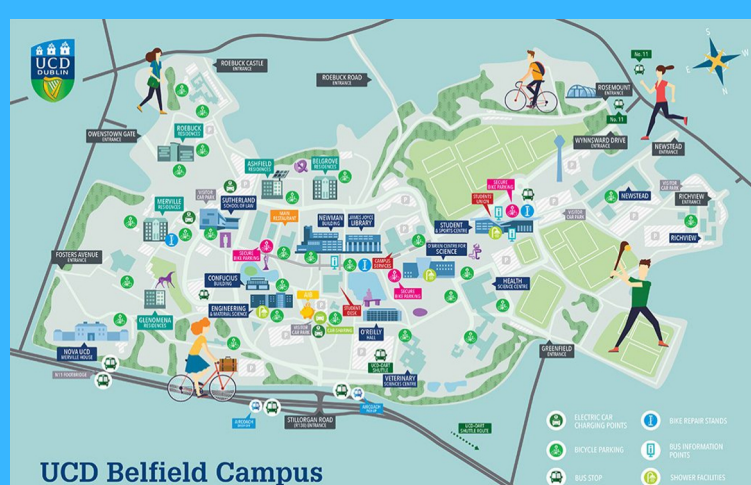
THE APP INTERFACE PROVIDES THE OPTION TO LOOK FOR :

- Monthly payment of 50 euro can be made for rental
- Allows to look for the safest itinerary of cycle routes + to locate bike stations and your bike
- Give information about Mileage + calories burned and CO2 emissions saved

PRIORITY LIST :

- 1 : STUDENTS RESIDING OUTSIDE THE M50 BOUNDARY
All students living on the outskirts of the M50 : Howth/Sutton/Swords/Blanchardstown/Lucon/Citywest
- 2 : COMMUTES TAKING OVER 1 HOUR
Clontarf/Ballymun/Finglas/Castleknock/Ballyfermot/Tallaght
- 3 : COMMUTES TAKING OVER 30 MIN
Ringsend/Drumcondra/Dundrum/Dun Laoghaire/City Center/Bray
- 4 : STUDENTS RESIDING IN CLOSE PROXIMITY TO UCD
Includes students living on campus

Bike stations in ucd



Map of safe cycle routes

