

## Rikki-Tikki-Travel

Our App matches you with other people that take the same or similar route as you to DCU.  
Commute with your new friends by cycling, walking, carpooling, or public transport.

### HOW IT WORKS

- Sign up with your DCU email for verification purposes
- Choose your preferred method(s) of transport
- You are then matched with fellow commuters in your area!

Make friends, meet new people and get home safe, while you cut down on unnecessary emissions.



Billy no-mates :(

### RESEARCH/ EXISTING PRODUCTS

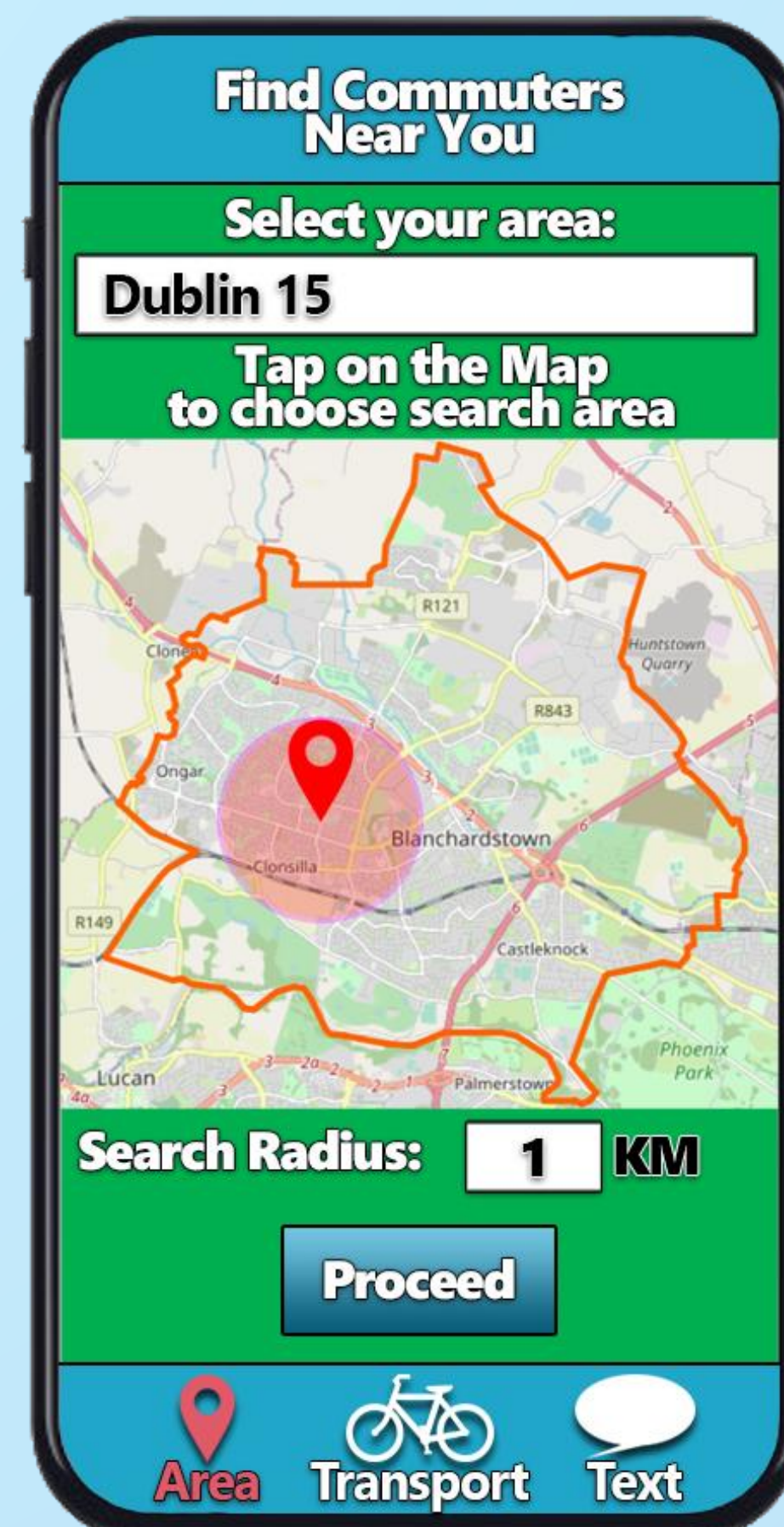
We researched pre-existing apps in Ireland for travel and carpooling such as:

- Sharo Mobility
- MLN

But these apps focus on commuting - we took a different approach. We prioritised making friends and socialising, designing this app to fulfil that purpose.

We included options for socialising on public transport, walking and cycling, which are better for the environment than carpooling. However, for students who live further away, carpooling is an option within our app.

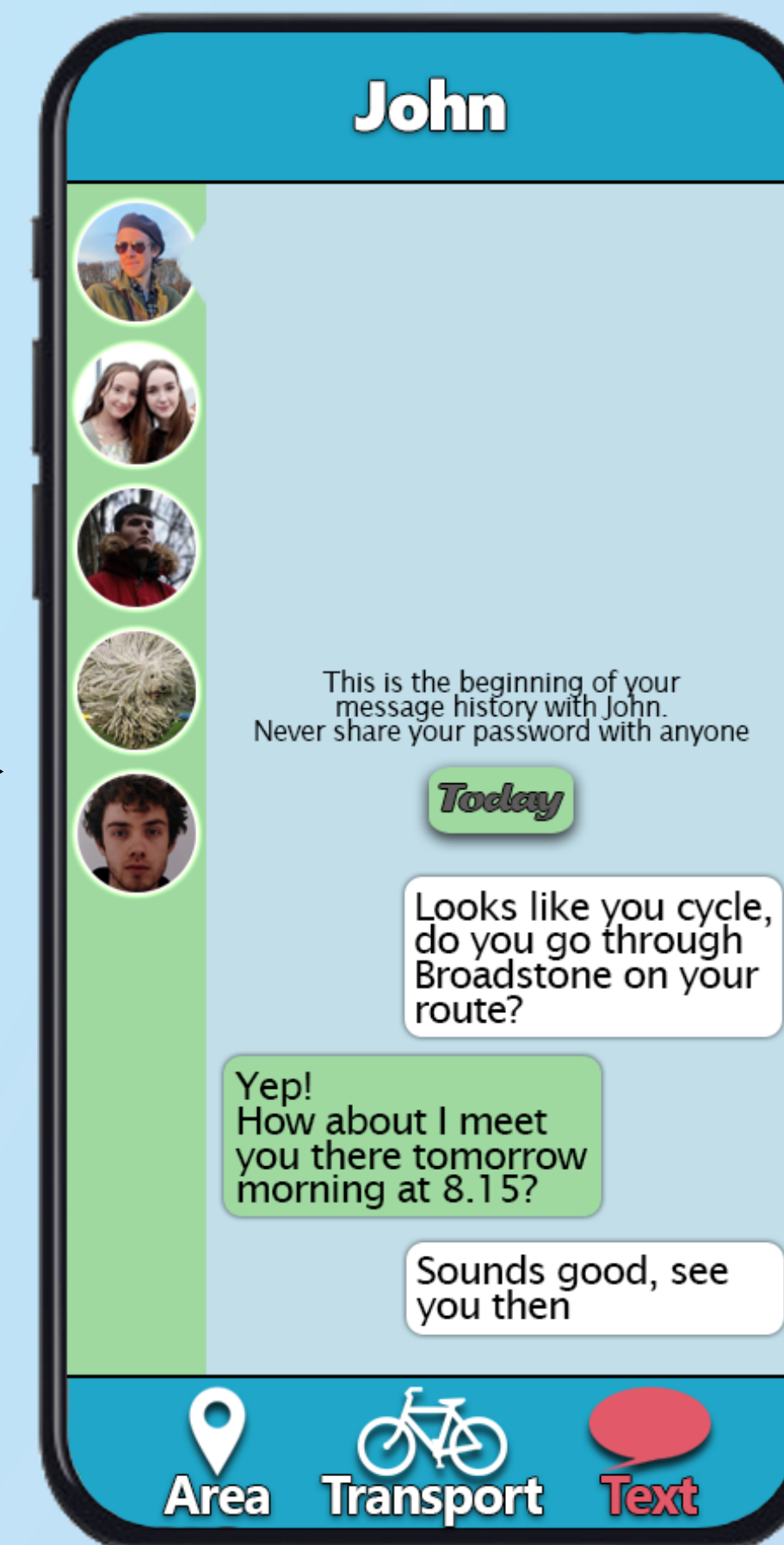
First, select the area you will be commuting from.



Next, choose the travel methods you take.



Lastly, you can contact and socialise with your new friends



### HOW DOES THIS ENCOURAGE SMARTER TRAVEL?

- Making friends and meeting people is a great reason to use any kind of Smarter Travel.
- Students who would've felt unsafe commuting alone would now be able to safely commute.
- This reduces unsustainable solitary commutes.



Billy's new mates :)

### FUNDING OPTIONS

- Collaborate with DCU and the NTA to create this app with DCU email integration and information about public transport methods.
- App could be designed in a competition for the Redbrick society and Computer Applications students.
- To fund maintenance of app; ads for various DCU societies, and amenities such as Nubar, Londis etc.
- Free to download and use for DCU students.

### SUMMARY

This app is a new way of encouraging students to use greener modes of transportation by finding new friends to travel with.

- Not merely a carpooling app!
- Focusses on the social aspect of Smarter Travel
- Safe and secure to use due to DCU email verification

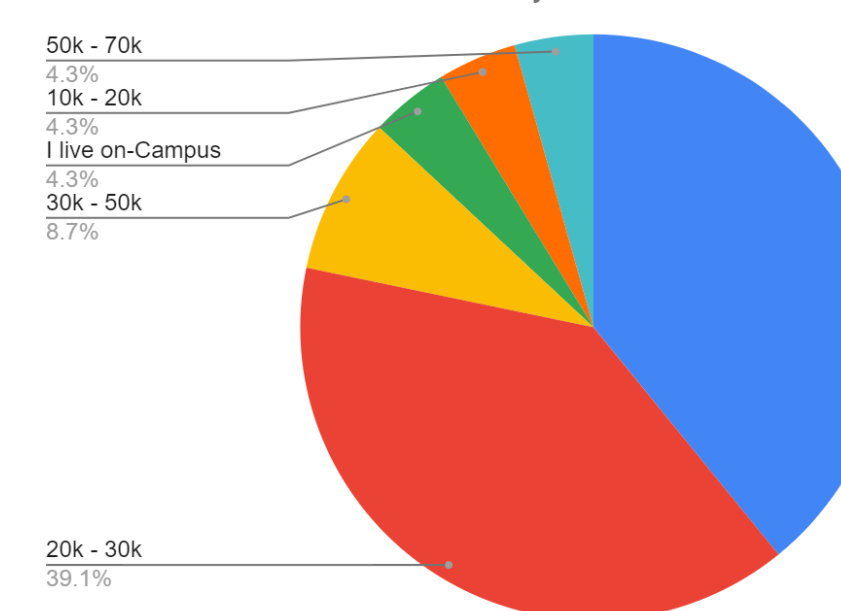
### REFERENCES

- Images: <https://stocksnap.io>
- Map: <https://www.openstreetmap.org>
- Sharo Mobility: <https://tinyurl.com/kv2ydm5b>
- MLN: <https://tinyurl.com/znymd39v>

### BACKGROUND STUDIES

We collected data on our fellow students' commutes to study their commuting habits. We found that many of them would be suitable customers for our app: those who travel alone and would use greener travel if they had company

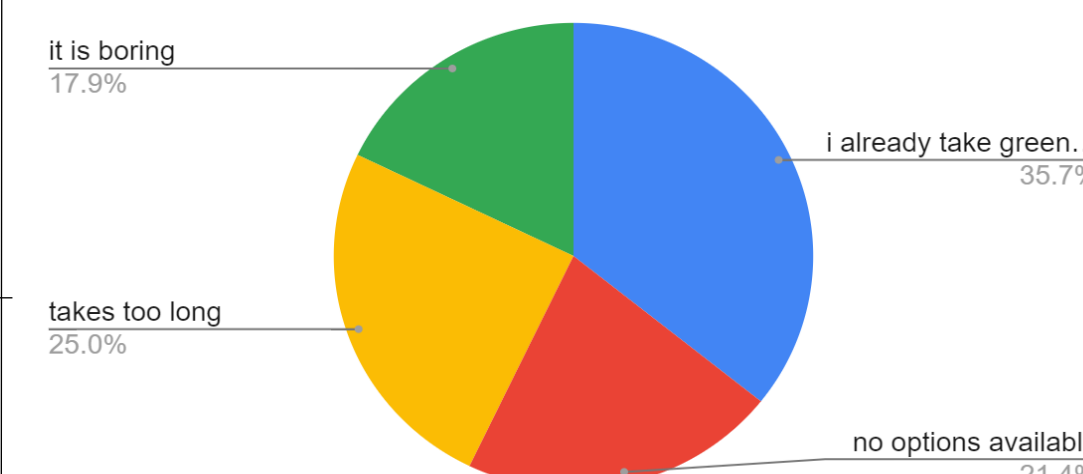
How far do you travel to DCU?



#### Why is this data useful?

- Students who live within 10km of DCU can be encouraged to walk or cycle with others
- Students who live further away can be encouraged to take public transport together

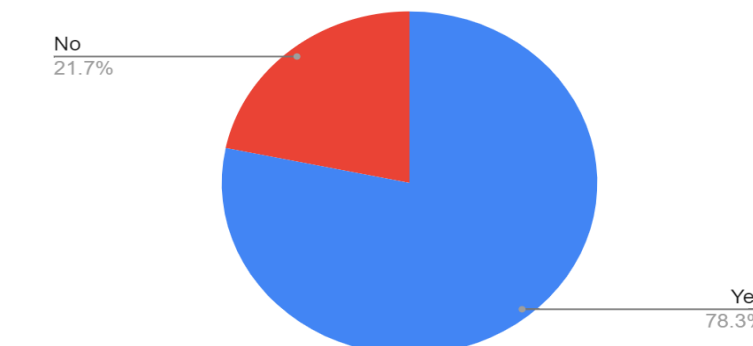
If you do not already take greener travel, why not?



#### Why is this data useful?

- We wanted to know the reasons for not taking greener travel so we could try to solve the problems
- The main reasons for not taking greener travel is the fact that it takes too long and is boring
- Our app is designed to give company to commuters so trips are less boring and they are hopefully more encouraged to take long trips with greener travel greener travel

Do you commute to DCU alone?



#### Why is this data useful?

- Students declare that they would rather have someone to travel with than travel alone
- This shows there is a market for our app
- The survey shows that those who answered "No" to the 2<sup>nd</sup> question have no Smarter Travel Options available to them

Would you be more inclined to travel smarter if you had a friend to commute with?

