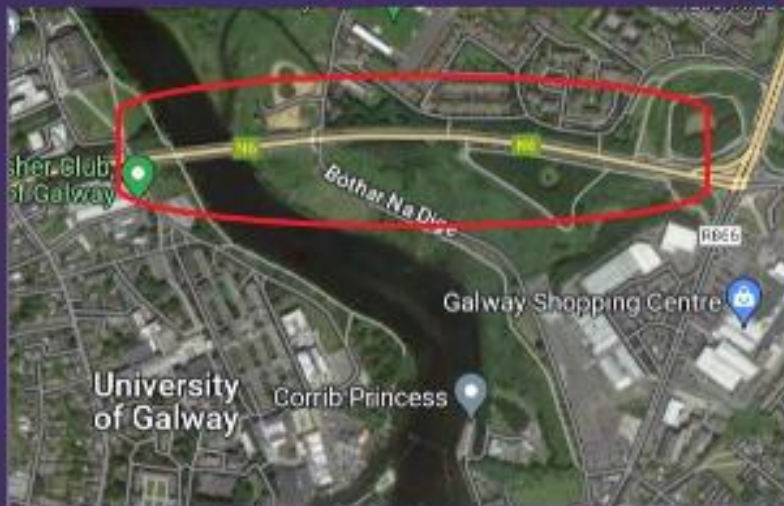


Shading The Bridge

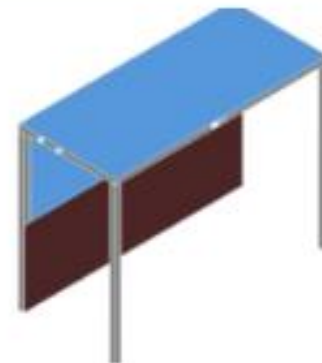


Ollscoil na Gaillimhe
UNIVERSITY OF GALWAY



A bridge canopy concept in Galway offers commuters a rain-free and eco-conscious means of reaching their destination. This innovative structure would seamlessly blend form and function, adding both practicality and beauty to the cityscape.

Our canopy will be designed out of recycled materials and will consist of a design as shown to the right. This design will contain potential billboards along the bottom half (purple) of the design. The light blue section will be clear as to keep the view of the river corrib from the bridge.



01 Energy

- The panels will display things such as weather forecast, UV index, calories from walking the bridge and events happening in Galway.

02 Art

- As Galway is the home of the International Arts festival, art pieces created by the local community can be displayed on our bridge to create a more visually pleasing structure.

03 Rain

- This design will eliminate the chances of getting wet which is the priority of our project to encourage active travel within the university community.

04 Sustainability

- Our design aims to have net zero emissions
- We will reach this goal by having solar panels which will power our electronic displays.
- Using recycled material like plastic and steel for the cover will decrease our carbon footprint.

Our survey results show that the canopy would be a welcome addition for students using the bridge to travel to college. The data shows that the canopy would prevent students driving to class instead of walking during wet weather to get to campus which aids in reducing the amount of single person car use which promotes active travel

This project is a sustainable design that will encourage not only students but the population of Galway to take part in active travel.

Did you drive across the bridge instead of walking to avoid getting wet



People who dont...
No (36.4%)
Yes (9.1%)

Did you fail to attend class this year because you did not want to get wet crossing the bridge?



No (18.2%)
Yes (81.8%)

Would you be more likely to walk across the bridge in wet weather if there was a canopy along the bridge which prevented you from getting wet



Yes (100%)