

Get A Grip

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CHAIN UP, CARBON DOWN

GOAL

The aim of Get a Grip is to encourage people to **cycle more** by providing **secure** and **dry bike storage** on campus.

CONCEPT

Get a Grip is a **secure lock and shelter system** correlated through an **app**. It consists of a stand with a simple electronic system and gripping arms suitable for all bike sizes.

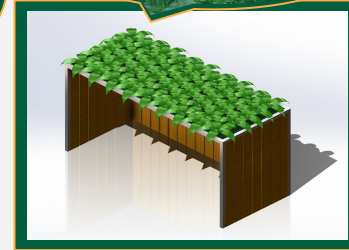
LOCK SYSTEM



BIKE SHELTER

Timber will be used as the body of the shelter with **stainless steel borders** to support the structure. The stainless steel **plant box** attached to the roof provides a *place for biodiversity to thrive*¹.

A green nook for wildlife and bikes alike. It increases both the biodiversity and the number of people who choose to travel by bike.



Feasibility: the cost is **minimal** thanks to the simplicity of the design.

APP

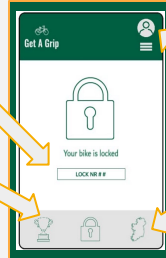
The app not only enables you to **open and close the bike lock**, but also to check the **location of the available racks** and check your **digital trophies**, which are won based on the frequency of use of the Get a Grip scheme. It quantifies the **positive impact** bikers have on the environment.

A **number** is assigned to each lock where the user can input into the app to receive access.

A **user profile** is set up to give users a maximum way to utilise the app and the bike lock itself.

Digital Trophies are unlocked depending on the usage of the lock on a daily, weekly and monthly basis.

This **'Map'** feature will allow users to see where the locks are available.



¹: E.I.F. Wooster & others, "Urban green roofs promote metropolitan biodiversity: A comparative case study, 2022

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