

CASE STUDY

COMPANY

SIGEES LTD

Sigees are a small team of engineers based in Dublin, who ride Scooters & Bikes and wanted a simple way of signalling safely on the road while keeping our hands on the handlebars. Sigees are this solution and we hope that they can become a vital accessory for commuters everywhere.



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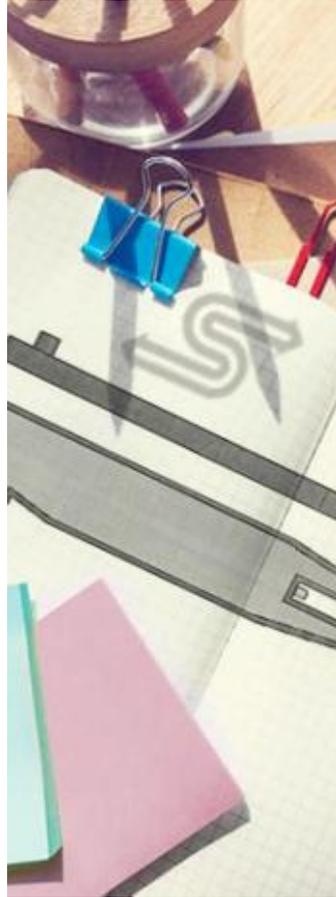


sieges.com

WHY?

PROBLEM TO BE SOLVED

Nimbus was tasked to investigate and to develop a suitable bicycle & scooter indicator solution. As more and more cyclists; both serious and casual are proliferating the urban roads, there is an increasing need for proper and safe methods for indicating directions. The cyclist should have a suitable indicating system that supplements or better still, replace hand signals as the primary method of indicating. This included research into existing products and their effectiveness in real-time application. As well as to design a plausible alternative to what is currently available in the market.



HOW?

INNOVATIVE SOLUTION

An innovative spring based system was developed that extends and retracts the turn signal with the push of a button. The main problem with current scooter & bike indication systems is that they fail to effectively show a left and right signal clearly. Nimbus helped Sigees resolve this issue by increasing the side profile of a rider on the road when they need it most.

The design strength is its simplicity and durability. Sigees fit neatly under any scooter or bike handlebars. The amber LEDs flash distinctively in a directional pattern when the indicator is deployed. Sigees mean that you will never again have to risk taking your hands off your handlebars to signal safely.

IMPACT

Working with the Nimbus centre enabled Sigees to examine the feasibility of the product idea and develop the necessary innovations needed to make the product a reality. It enabled the company to move on to a prototyping stage and to work towards the evolution of a mature functioning product design. Sigees is now at commercialisation stage with further funding coming in from Kickstarter campaigns.



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WHAT OUR CLIENT HAS TO SAY

CLIENT TESTIMONIAL

Kevin Donagher

Sigees Ltd Founder & CEO.

"We had a simple conceptual idea for a type of indicator for bikes & e-scooters that would enable the rider to keep both hands on their handlebars at all times whilst clearly signalling their turning intentions. We started with a blank canvas and our aim was to see if there was a better solution to a common everyday problem encountered by commuters. Working with Andrew de Juan in the Nimbus centre we looked at the ideal criteria we wanted to achieve with a future product and we set about striving towards a working 3D printed prototype."

