

SIGEES PARTNERS WITH NIMBUS TO DEVELOP INNOVATIVE BICYCLE AND SCOOTER INDICATOR SOLUTION



BACKGROUND

Sigees has been developed by a small team of engineers based in Dublin who ride e-scooters & bikes. They wanted a simple way of signalling safely on the road while keeping both hands on the handlebars. Their solution is Sigees, which they hope will become a vital accessory for commuters everywhere.

THE NEED

As more and more cyclists are taking to the roads, there is an increasing need for a safe method of indicating directions to replace traditional hand signals. The main problem with current scooter & bike indication systems is that they fail to effectively show left and right signals clearly. The Nimbus Research Centre was tasked to investigate and to develop a suitable bicycle & scooter indicator solution.

THE SOLUTION

Working with Sigees, the team at Nimbus researched existing products and their effectiveness in real-time application. They then set about designing a plausible alternative to what is currently available on the market. An innovative spring-based system was developed that extends and retracts the turn signal with the push of a button, 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, allowing cyclists to signal safely while keeping both hands on the handlebars. Sigees are equally effective during both the daytime and the nighttime.



BENEFITS OF THE ENGAGEMENT

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 has allowed 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 the commercialisation stage with further funding coming in from Kickstarter campaigns.

“We had a simple conceptual idea for a type of indicator for bikes & e-scooters. We started with a blank canvas and working with Andrew de Juan in the Nimbus centre we looked at the ideal criteria we wanted to achieve with a future product and set about striving towards a working 3D printed prototype.”

- Kevin Donagher, Sigees Ltd Founder & CEO.

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