

HILO EV LIMITED

Business Overview and Specialist area

Hilo EV is a UK-based low-carbon vehicle technology SME, developing a safety-centric technology brand for the mobility sector. Its primary innovation is IRIS (Intelligent Road Illumination System) that puts safety front and centre.

Increased adoption of Light Electric Vehicles (LEVs) will, reduce congestion, benefit the environment, and significantly contribute to global net zero targets. However, poor safety records discourage potential users, particularly at night when the majority of accidents occur. In 2022 India saw a record 75,000 two-wheeler related deaths, and change is needed to empower individuals to choose safe, sustainable mobility.

IRIS, an AI-assisted safety technology, will significantly reduce the risk of accidents compared to other safety lighting systems. This intelligent, 360-degree illumination makes the rider more visible to other road users, communicates rider intentions, and should a vehicle or pedestrian come too close,

IRIS will automatically warn the rider and offending vehicle.

IRIS has been demonstrated on multiple LEVs, including e-Scooters and e-Cargo bikes, generating market traction and securing an LOI for 4,000 units. IRIS is now being productionised and is poised to set the standard in safe vehicle illumination.

Zoe Skirrow represents Hilo as Head of Engineering. Her passion for sustainability and strong engineering background is driving innovation in the mobility sector.

Visit Objectives

Hilo looks to explore collaboration opportunities in India with key two-wheeler OEMs to integrate IRIS, and enhance vehicle safety, to work with legislators to improve road safety, and to build relationships with potential manufacturer partners.



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