

Cattle Eye



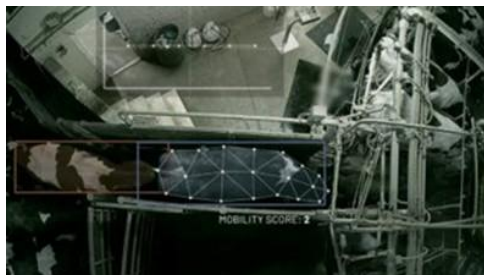
Predicting Lameness in Dairy Cows Through Intelligent, Autonomous Monitoring

The Challenge – Cattle Lameness

Over half of Europe's 24 million cattle will go lame in any given year. The impacts of lameness can be huge, including lower milk yield, longer calving intervals, high treatment costs and increased greenhouse gas emissions per litre of milk produced. Lameness is highly preventable if spotted early, but current approaches rely on infrequent and inconsistent inspections by vets. With herd sizes increasing, effective monitoring becomes even harder.

The Solution – Cattle Eye

Cattle Eye, an innovative startup based in Northern Ireland, has overcome these issues through the use of intelligent vision analytics. Using images from ordinary security cameras, Cattle Eye can identify individual cows and monitor their gait to detect the early signs of lameness. It can then direct farmers to provide the best treatment at the earliest opportunity, saving money, improving welfare and reducing environmental impact.



The Funding

The Neon team were contacted by Cattle Eye when they were seeking to apply for a Farming Innovation Pathways (FIP) grant to further develop their platform. After thorough proposal reviews and editing, as well as crucial panel interview preparation, the Neon team helped Cattle Eye to secure a £1.1 million grant from Innovate UK to help bring their innovative technology to market.

The Impact

If they are successful, the Cattle Eye technology will ensure that lameness and metabolic diseases in cows is spotted earlier, allowing for faster interventions, and increased livestock welfare. Whilst benefitting the business of dairy farmers globally, the technology will also drive a significant reduction in greenhouse (GHG) emissions.



26 months



£1.1M Grant



Cattle Eye Ltd
(UK)
University of
Liverpool
(UK)

neon
innovation