



Category: Best use of technology to benefit the environment - SHORTLISTED

MHA+ member name

Via East Midlands in partnership with Nottinghamshire County Council

other partners involved in the development of this product/project/nomination

Nottinghamshire County Council, ORIS Materials Intelligence, Jordan Road Surfacing and Breedon

Summary

ORIS Materials Intelligence supported Via East Midlands and Nottinghamshire County Council (NCC) in assessing a range of maintenance treatment options for a highway maintenance scheme in Ollerton, Nottinghamshire.

The ORIS Materials Intelligence software allows for carbon assessments on highway schemes and for modelling to compare low-carbon material alternatives. It also revealed how optimised material sourcing and supplier benchmarking can unlock cost reductions.

The system works in conjunction with AutoCAD which eliminates the manual handling and the prospect of doing a similar exercise with a spreadsheet or alternative system using carbon factors etc. Not only is the approach more efficient, but it also removes the risk of inputting errors through manual input.