



Asphalt-IQ

Keir- Grosvenor St, Birmingham Carbon-IQ Report

WWW.ASPHALT-IQ.COM









Carbon-IQ

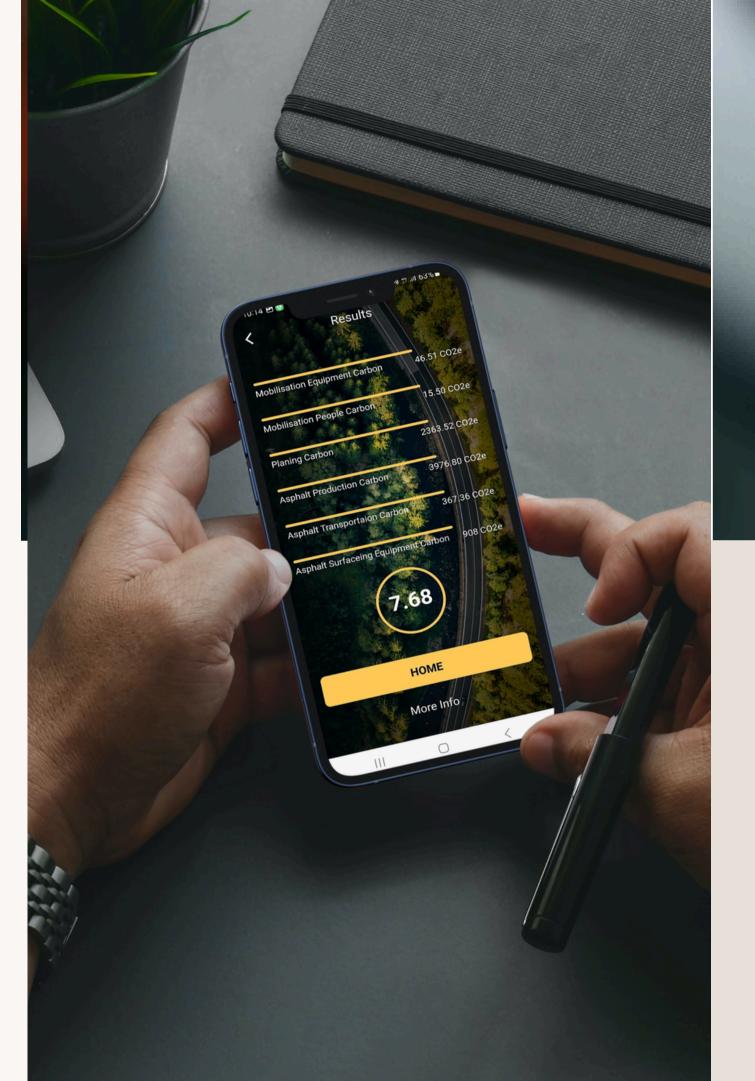
Carbon-IQ is a smartphone app which enables the calculation and GPS recording of carbon emissions from road surfacing works. Activated by the Smart A-Tag and completed in less than 60secs, Carbon-IQ is the fastest and most practical asphalt carbon calculator on the market

The Smart A-Tag

The patented "Smart A-Tag" enables the road to "Speak for itself with a unique digital identity and GPS location creating the opportunity to calculate the Co2 emissions of the asphalt construction scheme.

The SmartCard

Designed to offer "Tap and Go" Functionality, the Asphalt-IQ SmartCard is primarily aimed at multi location projects such as pothole repair or patch reinstatements. Distances are calculated between each site and a total transportation carbon value is auto generated.



Our Technology

Asphalt-IQ's patented technology is state of the art.

NFC enabled Smart A-Tags combine with easy to use smartphone apps to deliver the simplest and most accurate Highways Carbon Calculation solution



What is a "Smart" A-Tag?

Asphalt IQ's patented "Smart" A-Tag is not just a piece of colored plastic. It contains an NFC enabled smart chip which gives every tag a unique digital identity where all relevent carbon data can be uploaded to. It also geo-locates each tag and provides access to the data simply by tapping a cellphone against the embedded tag



A Discreet, Permanent Record -Embedded in the Asphalt

The Road can Speak for itself

Grosvenor St, Birmingham

Carbon-IQ State of the Art Carbon Calculation

M.

Measure

Evaluate the
Carbon Emissions
Establish Carbon
Benchmarks

Accuracy

Minimise
Assumptions
and Remove
Guesswork

Transparancy

Share
Calculation
Methodology
and Algorithms
Enable Auditing
and Validation
of Carbon
Calculations

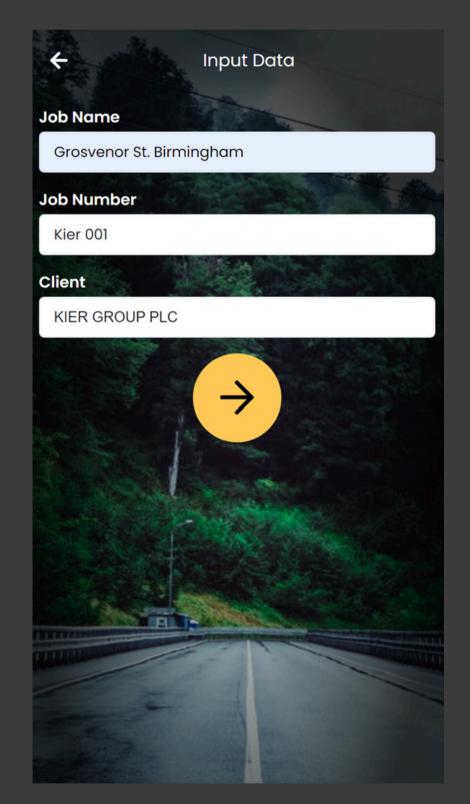
Consistancy

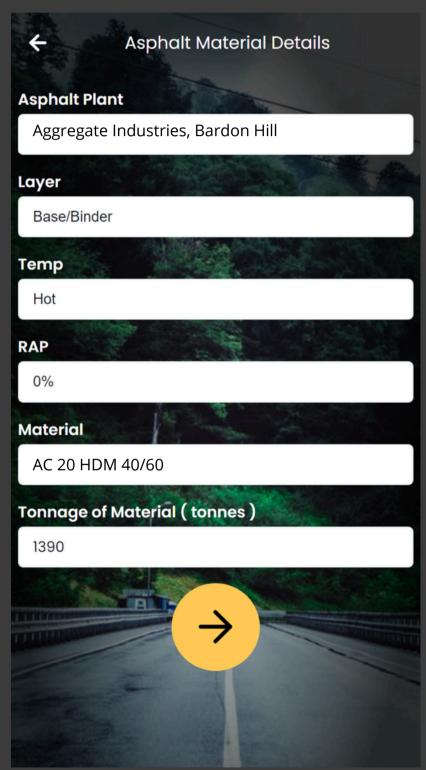
Unified
Approach and
Standard Data
Sources to
Enable Industry
Wide Evaluation

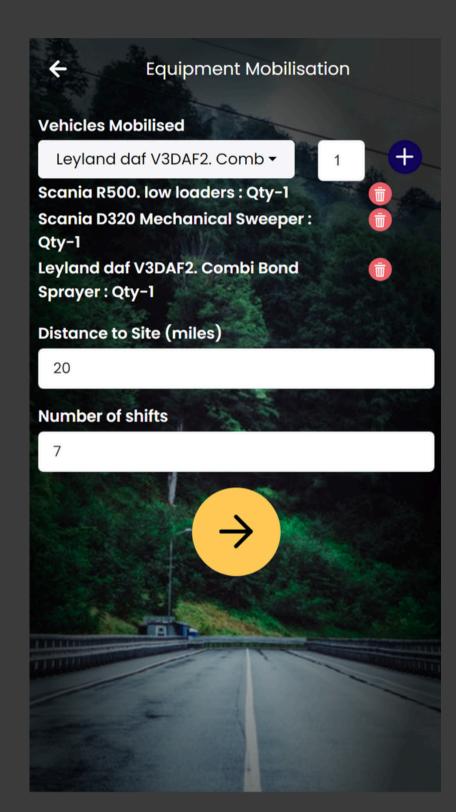
Practicality

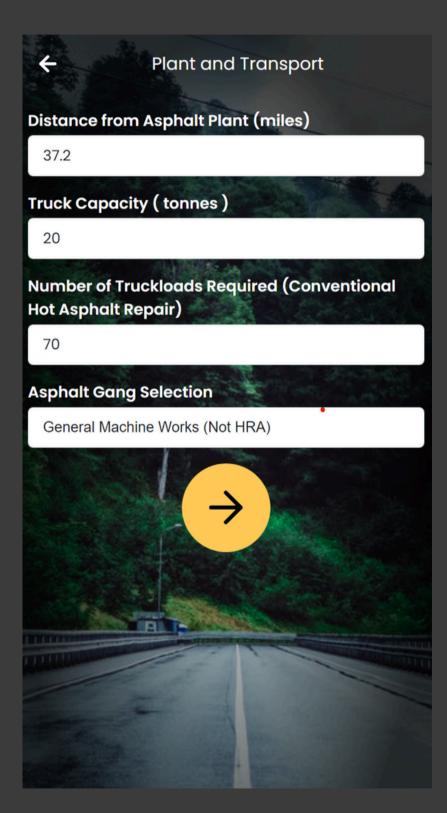
Systems Must be
Operationally
Practical Easy to
Use and Minimise
Administrative
Time and
Paperwork

Screenshots from Carbon-IQ App for Base/Binder Course on Grosvenor St, Birmingham

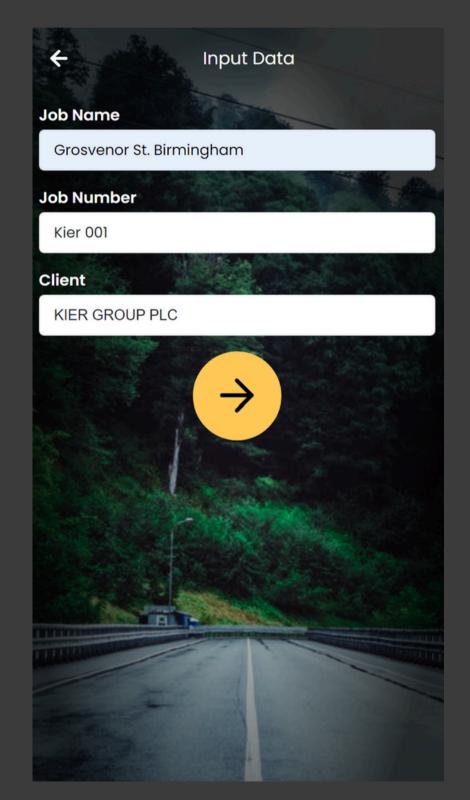


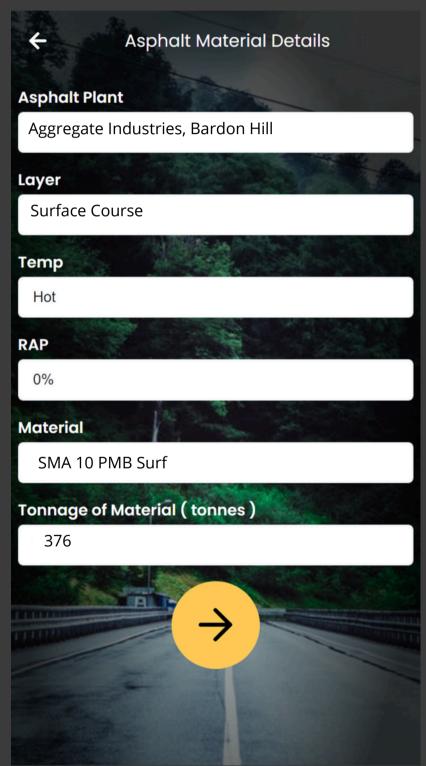


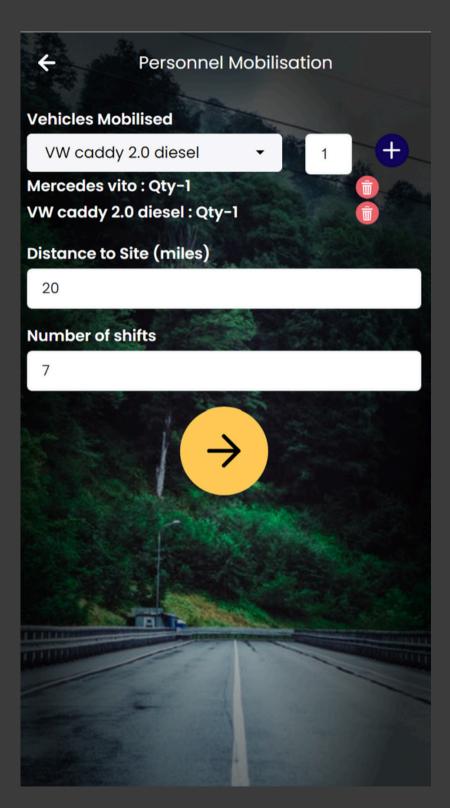


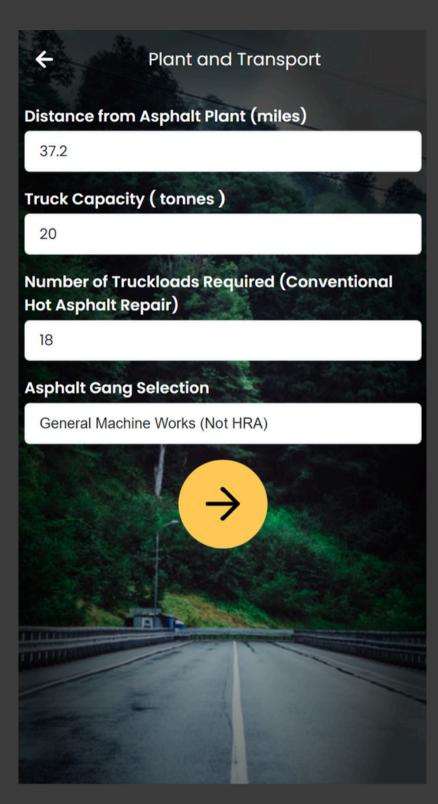


Screenshots from Carbon-IQ App for Surface Course on Grosvenor St, Birmingham



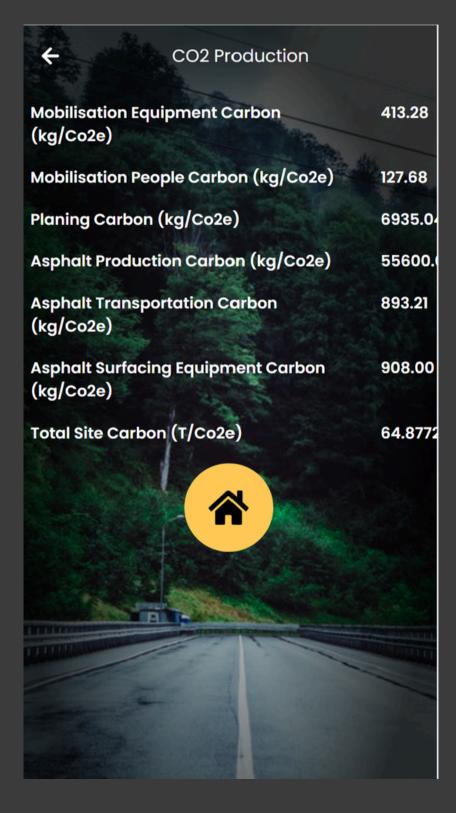




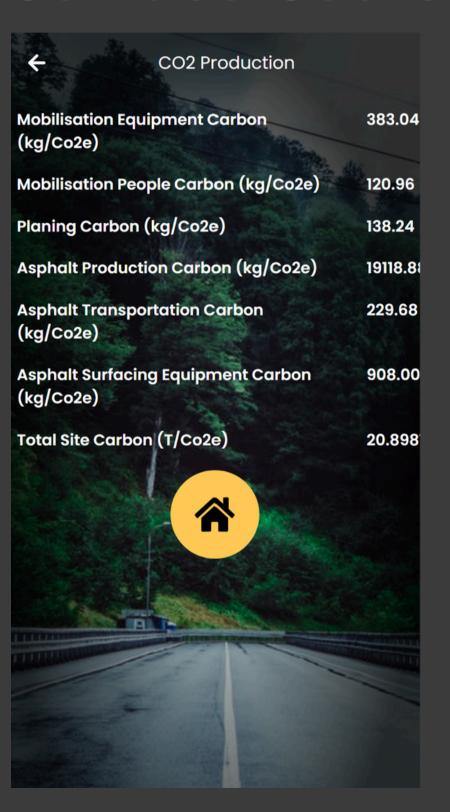


Carbon Results from Carbon-IQ App for Surface Course on Grosvenor St, Birmingham

Base/Binder Course



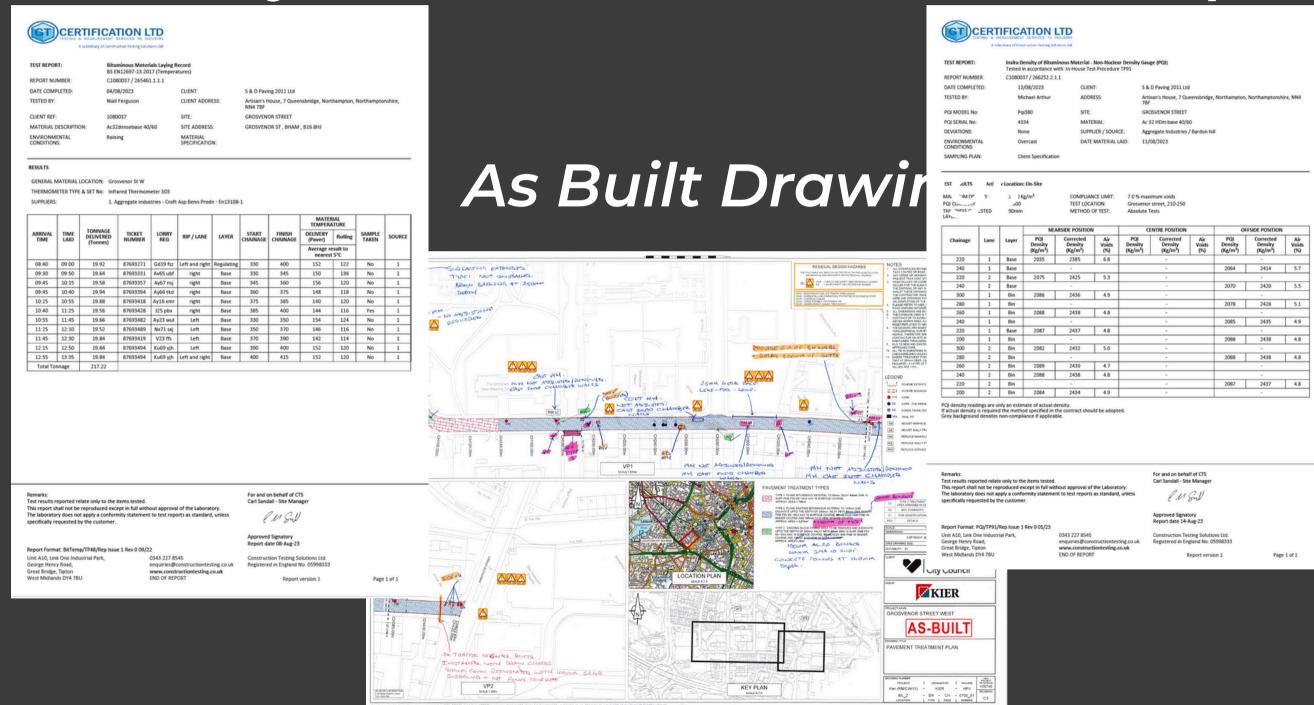
Surface Course



Other Site Data Held by Carbon-IQ, Grosvenor St, Birmingham

Test Reports

Delivery Tickets



All Highways Works Carbon Data is Accessible by Desktop or Smartphone Dashboard

The complete carbon footprint of the road repair at your fingertips......In an easy to

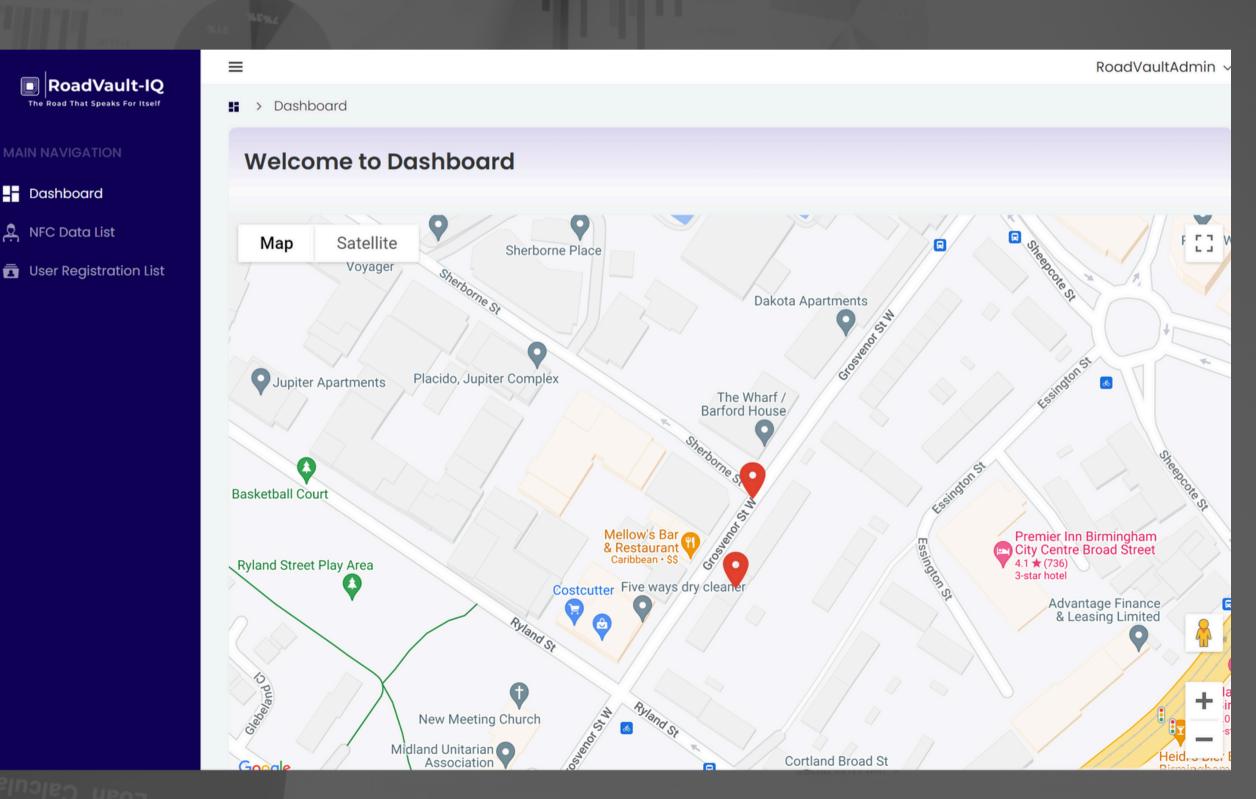
MAIN NAVIGATION

Dashboard

NFC Data List

understand format

Dashboard View

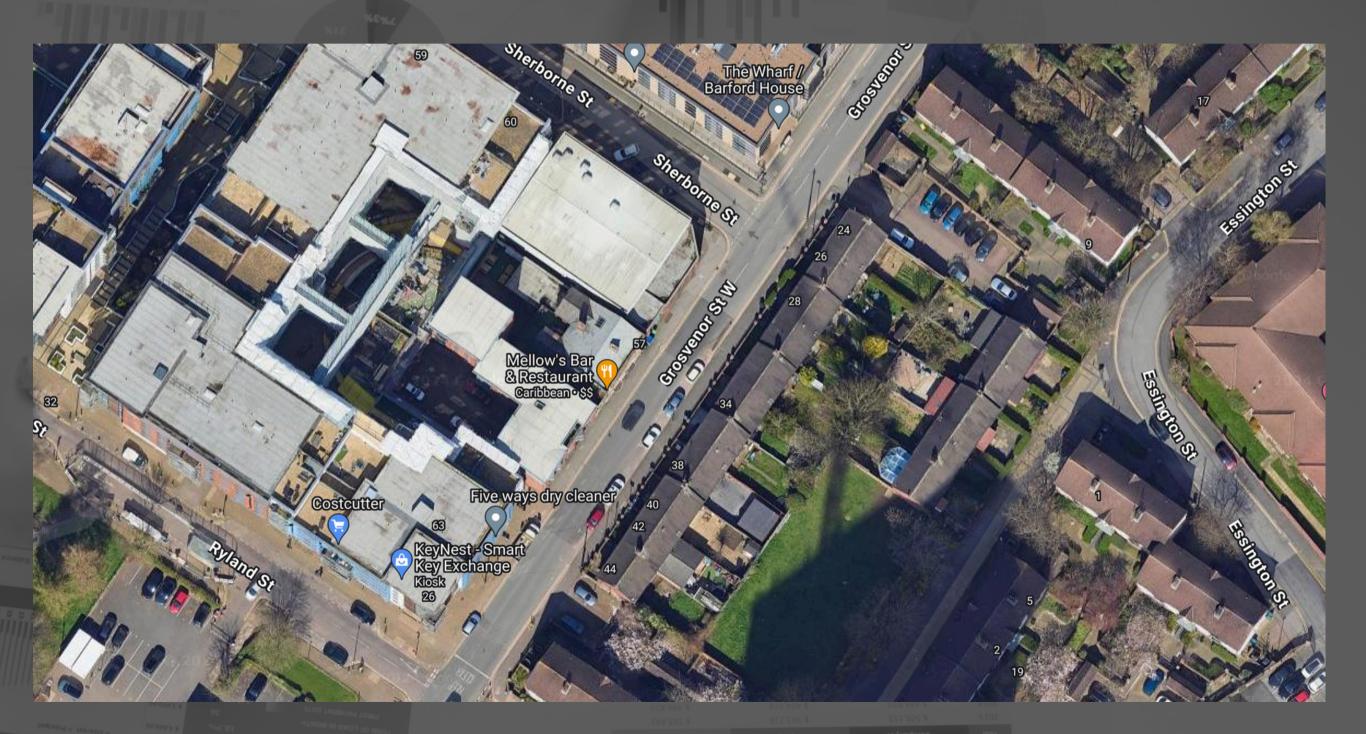


A Fully Auditable, GPS located Carbon Record of the Surfacing Works

The complete carbon footprint of the road repair at your fingertips......In an easy to

understand format







Features

Benefits

- The most accurate calculation system available
- Carbon recorded directly from the jobsite
- Intuitive no training required
- ✓ All records generated in less than 60 secs
- Single licence unlimited users

- ✓ Immediate compliance with PAS 2080:2023
- For every project motorways to pothole repairs
- ✓ Instant Start
- Fully customised plants, mixes, equipment
- Exact transportation distances calculated



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