

# CASE STUDY

## GULLY MAINTENANCE

Objective  
“To reduce localised flooding and improve maintenance of the gully network within the challenging context of reduced local authority budgets.”

Walsall Council and their contractors Lafarge Tarmac are responsible for a network of 33,000 gullies.

Analysis by the Council in 2013 found that reactive gully cleaning cost more than ten times the amount of a planned clean. Evidence showed that whilst costs had remained broadly the same over recent years the gully network in Walsall had actually been cleaned less.

A change in focus from the costly and reactive approach of emergency gully cleaning to a more targeted and intelligence led proactive regime was needed.

### The Solution

‘Gully SMART’ the innovative GIS based technology solution, using Ordnance Survey data sets, developed by KaarbonTech:

- Data is accessed and updated using voice, video or photo on robust handheld iOS and Android devices.
- Flood zones, road names and ward boundaries are automatically populated.
- A complete inspection history of assets across the authority’s network is created.
- Collected data can be laid over an OS Mastermap and/or aerial imaging to both provide perspective and aid analysis.

### The Result

KaarbonTech won the 2014 Association of Geographic Information (AGI) award for Best Use of Geospatial for Business Benefit for its innovative work on the Walsall Gully Project.

Using Gully SMART enabled the team in Walsall to make objective decisions based on sound data, to reduce the frequency of cleaning where it is not needed and prioritise problem areas.

Call KaarbonTech now to see how we can help you capture asset data in a cost effective way.



Walsall Council

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