

Capability Statement



SPECIALIST WASTE & CARBON MODELLING

Frith Resource Management (FRM) was incorporated in 2008 and specialises in waste and resource management consultancy. We provide services to the public and private sector, in the UK and internationally. We give advice, modelling support and expertise to the public and private sector, in the UK and internationally. We are a team of Chartered Engineers, Environmentalists, Logisticians and Waste Managers who support or lead on waste and environmental services and infrastructure (strategy, feasibility, modelling, technologies, procurement, options for efficiencies / optimising revenues, compliance).

FRM are frequently called upon for our specialist modelling skills in the areas of waste collection, waste policy projections, carbon impacts, waste flow and cost modelling to support infrastructure and procurement projects, TEEP assessments, business cases, efficiency & service reviews, waste strategies and options appraisals. FRM is one of the few consultancies which has continuously held a WRATE Expert licence for >12 years.

Waste collection modelling

Extensive use and application of WRAP's Kerbside Analysis Tool (KAT) for comparing the costs of different household waste collection systems. We have used KAT to inform service reviews, joint working opportunities and cost saving exercises.

Clients include: Daventry District Council, Warwickshire Waste Partnership, Nottingham City Council, Local Partnerships

"Paul did the job well from beginning to end. The project had a challenging timeframe, which he met. Paul was a pleasure to work with. His work is of a high standard and he was flexible and responsive to our needs." **Waste collection / street cleansing analysis**

"Pro-active and deep technical knowledge as well as understanding of the context for the review (i.e. procurement exercise). Very flexible in providing options for the client and in reacting quickly to information provided relatively late by the contractor." **WRATE review and summary for residual waste treatment procurement**

Carbon modelling

Experts in the use of WRATE to assess the whole life environmental impacts associated with each stage of a waste management process, from collection to final end use. We use WRATE to evaluate tenders, compare the carbon impacts of waste services in options appraisals and to inform TEEP assessments.

Clients include: Norfolk county Council, Herefordshire Council, Royal Haskoning, Jacobs

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Waste flow modelling

We establish bespoke models to forecast waste arisings, taking into account composition, waste growth and policy drivers (e.g. DRS, EPR, consistency). Waste flow modelling is used to inform procurement and tender processes, waste strategies and infrastructure projects.

Clients include: Serco, Wardell Armstrong, Local Government Association

“FRM have been an excellent, reliable and skilled addition to our project team. We have all been under a number of other pressures, and struggled with tight deadlines, but FRM went the extra mile to ensure that we were able to deliver a high quality report / business case to the Council which has received some extremely positive feedback.” Input to detailed MRF business case



Cost modelling

We develop cost models to forecast whole life project costs for infrastructure projects and options appraisals, based on robust assumptions. We can also call on professional financial advisors where necessary.

Clients include: Leicestershire County Council, Coventry City Council, Nottingham City Council

Team specialists

- Paul Frith, Managing Director – Waste collection modelling, carbon modelling, cost modelling, waste flow modelling
- Cherie Whiteman, Associate Director - Cost modelling, waste flow modelling
- Sarah Massey, Senior Consultant – Waste collection modelling, waste flow modelling
- Leanne Trow, Environmental Consultant – Waste collection modelling, carbon modelling

Additional FRM support

- Bob Couth, Technical Director
- Andrew Howe, Technical Director
- Julieanna Powell Turner, Director of Sustainability

In addition, we have a wider network of associates that we can call on for specialist input, for example, vehicles, logistics and operations, regulation, permitting, planning and cleansing services.

CVs and references can be provided on request.

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Environmental & Quality Management

We are ISO9001 and ISO14001 certified and ensure that all works are delivered to a high standard.

