



IMPROVING STANDARDS AND EFFICIENCY

"The efficiency agenda is about working more effectively to deliver better public services which sustain and strengthen our communities."

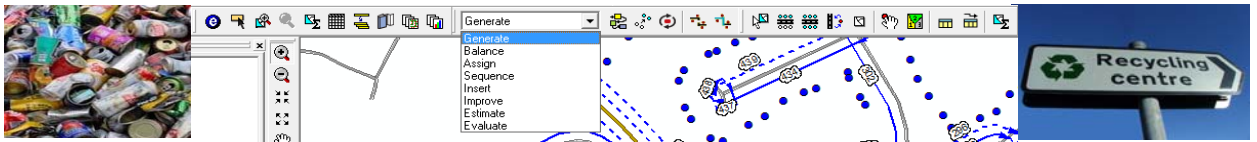
Local Government faces an ongoing challenge to continuously improve the services it delivers. In the environmental sector, this can mean meeting and beating recycling performance standards, improving the cleanliness of streets and open spaces, and reducing or mitigating carbon emissions. All this has to be achieved within tight budgets that are under ever increasing pressure. Our consultancy support is aimed at identifying and implementing practical means of delivering efficiency savings and improved standards through targeted service reviews, effective procurement and state of the art technical solutions.

Working together with other public sector bodies (across boundaries or as part of a new Unitary) or with private sector organisations can generate opportunities for efficiency savings. ISL can help identify and evaluate those opportunities and model a wide range of scenarios to assist in decision making on improved services.

PROJECTS

Examples of projects carried out by ISL and its key staff and associates include:-

- **Collection route modelling and optimisation** for Braintree DC, Fenland DC, Hambleton DC, Guildford DC, Leeds City Council, North Kesteven DC and Spelthorne DC
- **Cost modelling of standardised recycling collection systems** using ISL's proprietary cost model, as part of a benchmarking exercise to develop standard cost curves. This project was carried out under ISL's framework agreement with the Waste & Resources Action Programme (WRAP) to provide advice under the ROTATE programme.
- **Feasibility Study into a county-wide integrated waste and recycling collection service** for Northamptonshire including optimisation of services within each district followed by analysis of the potential for cross-boundary working, joint working between one or more districts and a fully integrated county-wide service.
- **Sale of RouteSmart™ software** to Newcastle City Council together with training and ongoing support and optimisation of street sweeping routes.



CLIENTS

Our clients include public sector waste collection and disposal authorities; Government departments and agencies (including Defra, Environment Agency, HM Treasury and WRAP); DSOs and private sector environmental service contractors; and others including professional and technical advisers.

CAPABILITIES

ISL's advice and support is wide-ranging and includes:

- identification and implementation of efficiency savings;
- procurement of waste management and streetscene service contracts, vehicles and plant;
- technical advice on waste collection, transfer, treatment and disposal;
- specialist software for routing and optimisation of refuse collection, recycling and street cleansing operations;
- strategic planning and operational control of container servicing (HWRCs and recycling banks);
- evaluation of optimal locations for waste management facilities using GIS and sieve mapping techniques;
- analysis of environmental impacts of waste management operations and advice on planning and permitting; and
- research and commercial advice on the contracting market and trade waste services.



KEY STAFF AND RESOURCES

STUART HENSHAW, BA, Dip LA, MSc, MCIWM, Project Director - has spent 15 years within local government, gaining hands-on experience in budget and day-to-day management of a range of environmental services.



His experience includes waste, recycling, street cleansing, grounds maintenance and countryside management. He has also developed the strategic direction for these services and has both brokered partnering arrangements with others and prepared services for outsourcing through OJEU.

After five years of managing these services at Selby District Council, he moved in to consultancy three years ago, specialising in public sector work.

Since becoming a consultant, Stuart has undertaken a number of projects including providing interim management support, carrying out wide-ranging research on streetscene services and project managing re-routing and optimisation of collection rounds. Stuart provides ISL's clients with professional advice on all aspects of environmental services built upon his strong practical and consultancy experience.

ANDREW CLEWES, BSc (Hons), MCIWM, Senior Consultant - after a period as a cartographer for Defra, Andy has worked as a consultant for 6 years specialising in streetscene services.



He has carried out audits of street cleansing and grounds maintenance services for local authorities and registered social landlords. Andy has considerable GIS expertise and has played a major role in coordinating re-routing services for local authorities using RouteSmart™. He has undertaken 'soft market testing' and tender preparation and recently assisted three authorities sell their commercial waste services.

JAMES HOLT, MGeol, MSc, AGI, GIS Manager - is responsible for the growth and development of GIS at ISL. He has 7 years experience in applying GIS on a number of multidisciplinary projects including waste collection route optimisation and waste facility site selection.



James is ISL's technical coordinator for RouteSmart™, the GIS-based route optimisation software that ISL use to design balanced and optimised routes for household refuse and recycling collection rounds, street cleaning and snow ploughing/gritting. He also assists with projects using WinRoute, specialist software for the strategic planning and operational control of 'low density' transport systems such as container servicing for HWRCs and recycling bank sites. When clients choose to purchase ISL's routing software, James plays a crucial role in training clients to use the programs and provides first line technical support. An example of a recent project of this nature is Newcastle City Council who own and operate a copy of RouteSmart™, using it to optimise their collection and street sweeping operations.

PATRICK SCOTT, BSc (Hons), MIMM, MIQ, MCIWM, Director - Patrick has over 25 years experience in the mineral extraction and waste management sector, the majority in environmental consultancy services and the last 8 at director level.



In his previous employment, he was responsible for the development of a specialist team to advise local authorities on the review and procurement of environmental services and acted as Project Director on numerous assignments, a role he now fulfils at ISL.

Patrick brings wide experience of all stages of project development and management as well as business analysis

ROUTE OPTIMISATION SOLUTIONS



For development and optimisation of kerbside refuse collection, recycling, street cleansing and other 'high density' routing problems.

Strategic planning and operational control of container servicing including HWRCs, skips and recycling banks.

ISL's other resources include:-

- Development of bespoke IT solutions
- in-house CAD and GIS expertise
- support staff with experience in all other aspects of waste management including contract tendering and procurement