

URS The bigger Picture

**APSE Solutions working with
Liverpool City Council to develop a
URS Supplier Framework**

**Paddy Knowles, Senior Consultant
(APSE Solutions)**

- From Blue Ocean Strategy
 - Innovation
 - Cost saving
 - Environmental benefit
 - Whilst better meeting customer requirements
- Through five years of debate and discussion
 - Hostility and ridicule
 - Gradual recognition
 - Growing interest
- To the first major local authority initiative
 - Liverpool City Council

- Seminars and advisory groups
- Annual seminar
- Solutions URS engagement events
 - Cambridge
 - Tower Hamlets
 - Edinburgh



Property types

- 240,000 domestic properties
- Alternative weekly collections residual/ recycling using 240L wheel bins
- 60,000 terraced properties
 - 22,000 4ft alleyways (rear door sack collections)
 - 38,000 9ft alleyways (Mix of wheel bin front and back door)
- A number of terraced (mainly 4fts) remain weekly due to type of collection service provided.
- Collection service provided by Liverpool Streetscene Services Limited **(Wholly owned subsidiary of Liverpool City Council set up to deliver a range of Streetscene services – including waste collections)**

Alleyway conditions

Poor condition due to lack of maintenance

Complaints – waste out left out leading to smells, flies, rats

Some are adopted but many are in unknown ownership

Workforce Accidents – many RIDDOR reportable

The current service is expensive in comparison to a standard wheel bin collection service:

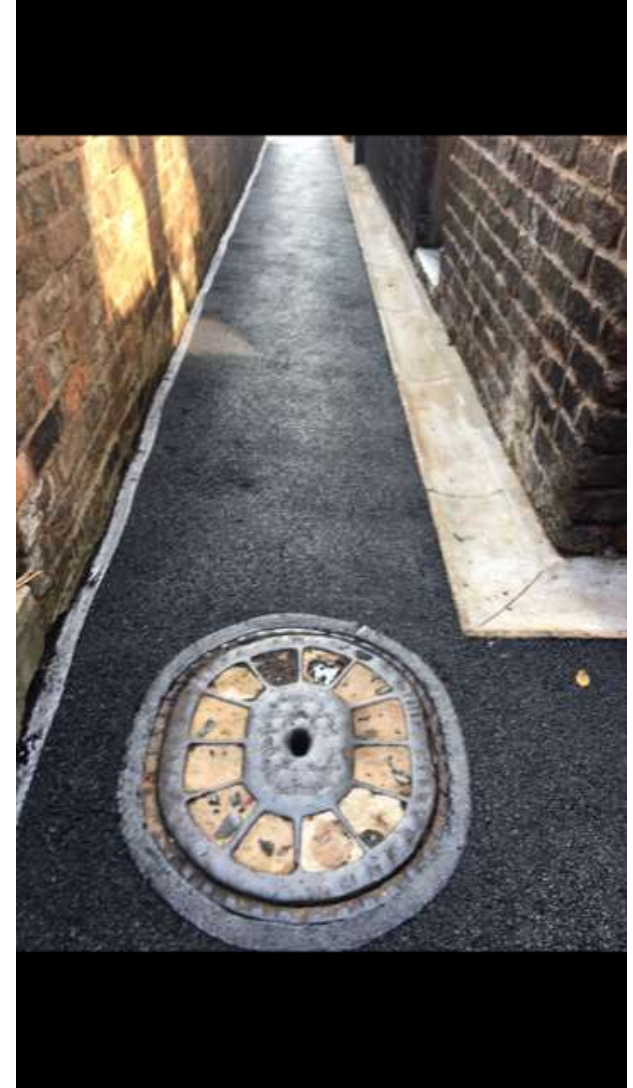
Recycling rates are also significantly lower from terraced properties at an average of 10 to 12%.







Repair of 4 ft alleyways in progress



- Alternative waste collection to **6,000 properties**
- Communal bins – well received by residents
- Over 1,000 Euro bins in place
- Permanent solutions :
 - Underground bin stores
 - Semi Underground bin stores
 - Surface mounted crane lift bin
 - 1100 wheel bins



- Purchased 2 x URS Crane lift RCV's
- City centre, parks, public spaces
- LCC Planning guidance for new and refurbished Multiple occupancy sites
- APSE Solutions invited to work with the Council to develop the Framework.

Promote URS as an innovation to create a domino effect by demonstrating that:

- URS brings major cost savings
- URS brings major carbon footprint reduction
- URS is far safer for operatives
- URS is not new or untested
- There is a mature supply market already in existence

- Compliant with public procurement regulations
- User friendly
- Available to any UK local authority

Encouraging joined up solutions

- Bins
 - Fully Underground
 - Semi underground
 - Appropriate Above ground
- Maintenance and cleaning
 - Essential to a long and successful life!
- Technology
 - Access control
 - Monitoring
 - Fill level sensors
 - Weighing
 - Routing
- Vehicles
 - Designed for the job

1. Framework Agreement
2. Proposed Lot Structure
 1. Supply of Underground Refuse Systems (inc installation)
 2. Supply of URS Technology
 3. Supply of Vehicles
 4. Servicing, Maintenance and Cleaning
3. Customer Access Agreement
4. Call-off Contracts
5. Direct Award v Further Competition

1. All Public Sector bodies may access the framework:

- Local Authorities in the UK
- Schools & Academies
- Police & Emergency Services
- NHS & HSC Bodies
- Central Government Departments & their Agencies
- Registered Charities
- Registered Social Landlords

1. User Guide

2. Customer Access Agreement - confidentiality

1. Association for Public Service Excellence (APSE)
2. Suppliers to Provide Materials
3. Supplier Self-Marketing
 1. Using the Framework as easy route to compliant award
4. Word of Mouth / Networking

<https://www.apse.org.uk/apse/index.cfm/solutions/latest-from-solutions/underground-refuse/>

An archive of all APSE articles, briefings and seminars on Underground Refuse Systems



Guide to going underground and where to start

As well as the full array of URS units, the APSE/Liverpool URS framework also provides access to value adding technology, specialist collection vehicles and URS maintenance contracts, from the same framework as the bins.

[Read More](#)



Go underground to go green

Andy Mudd, Head of APSE Solutions, explains why more and more local authorities are considering going underground to reduce the carbon footprint of waste collection.

[Read More](#)



APSE/Liverpool URS Framework Launch Event

A FREE event for public sector workers in Councils, Housing Associations, Universities, Colleges, Schools, and all other public bodies.

10 February 2021

Microsoft Teams

[Read More](#)

Contact details

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