



LARAC

CONFERENCE

CELEBRATION AWARDS

2023



Headline Partner



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HWRCs

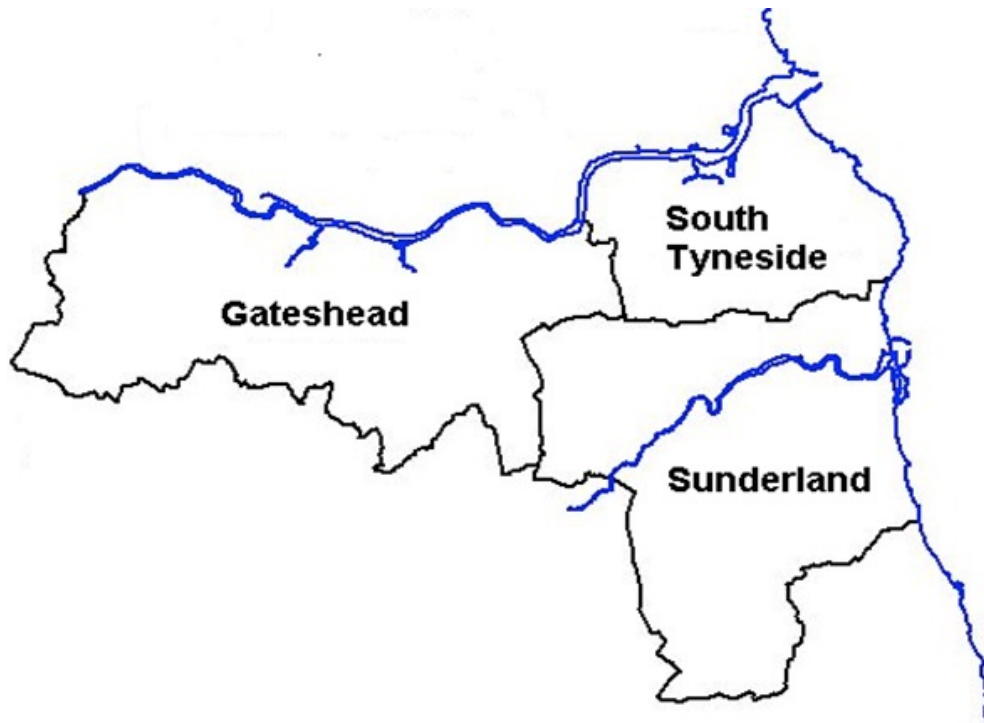
*Chair: Gareth Rollings, Head of Waste, West
Sussex County Council*

Gary Smith, Contract Manager, South
Tyne and Wear Waste Management Partnership

Household Waste & Recycling Centre – New Build

Gary Smith – STWWMP on
behalf of
Sunderland City Council

Background

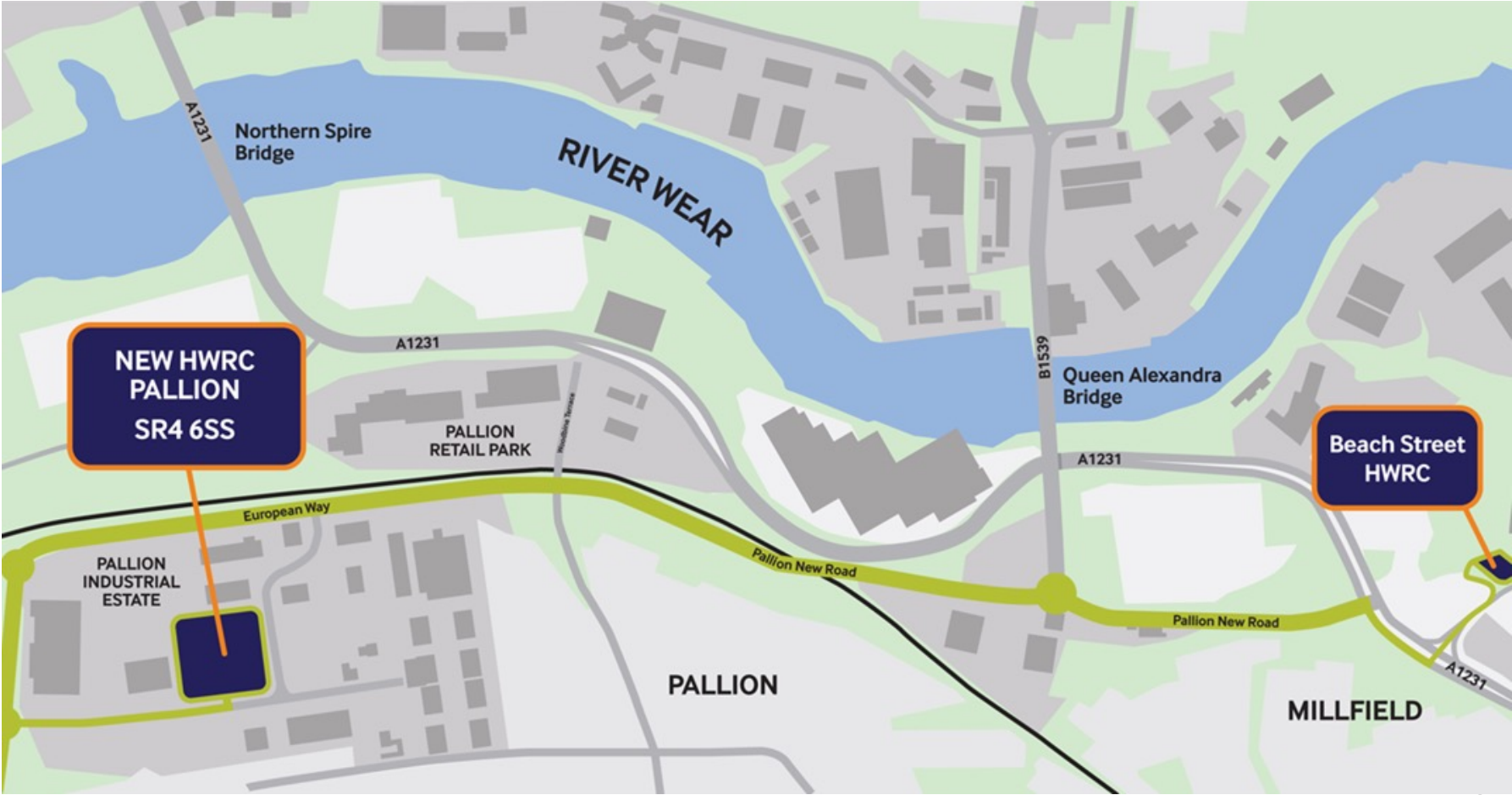


- ▶ **South Tyne & Wear Waste Management Partnership**
- ▶ **Sunderland population 275,000 approx. – 134,000 H/Hs**
- ▶ **Access to 2 HWRCs**
- ▶ **Small older site in own Borough**
- ▶ **Increase capacity and recycling rates**
- ▶ **Easier access**
- ▶ **Develop a reuse shop facility**

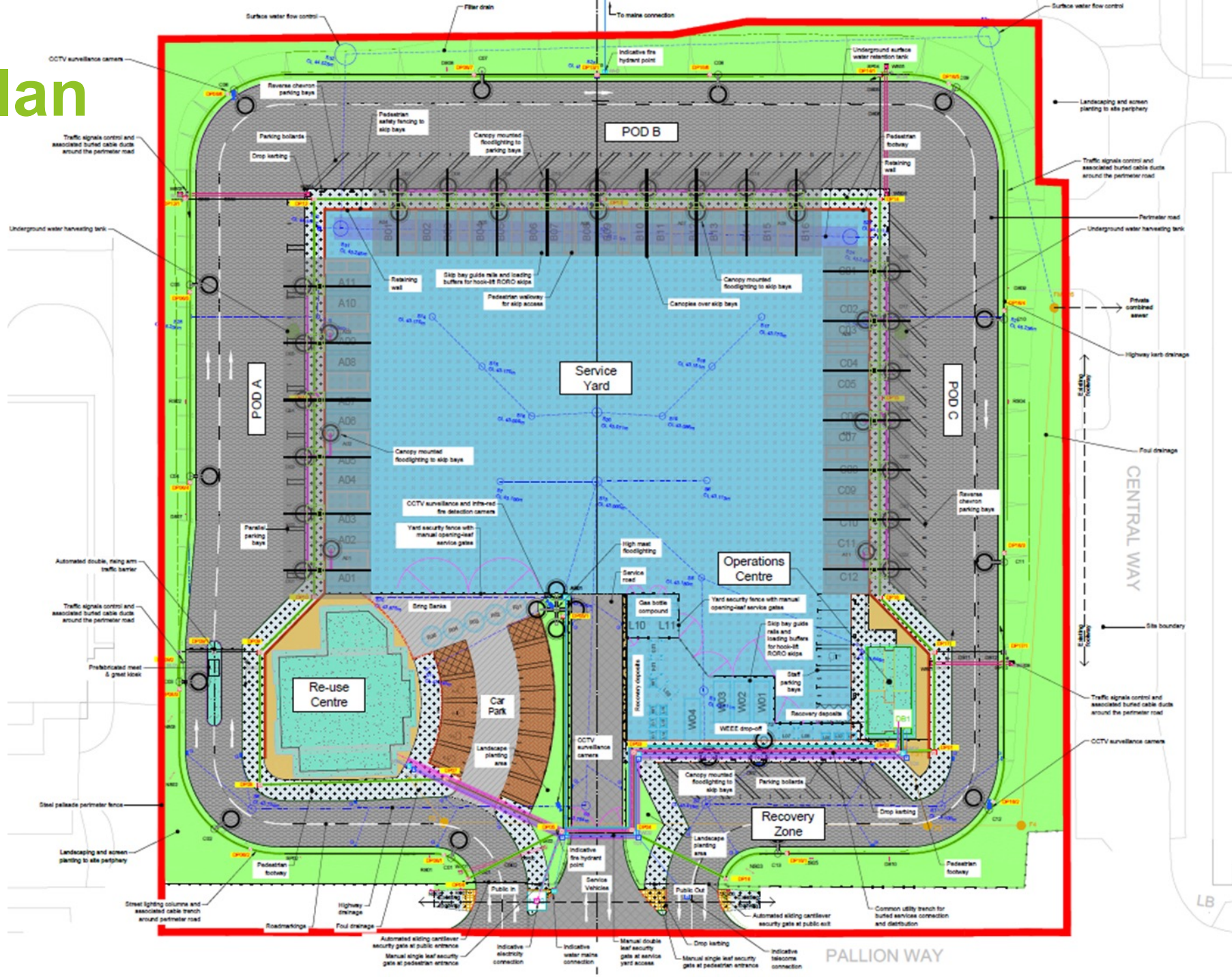
Previous HWRC



Location of new Site



Site Plan





Build profile

- ▶ Start of build – November 2020
- ▶ Scheduled completion date October 2021 – Actually Completed January 2022
- ▶ Reuse Shop – completed August 2022
- ▶ Delays – unforeseen ground conditions, accessing materials, inclement weather, getting utility wayleaves, supply chain delays
- ▶ Original costs £4m excluding contingencies
- ▶ Final costs £5m inc contingencies
- ▶ Energy Efficiency
 - ▶ Grey Water Harvesting
 - ▶ Solar Panels on Reuse Shop
 - ▶ Low Energy lighting



Performance

- ▶ SUEZ – Site Operator
- ▶ Beech Street Contract extended until Pallion Site opened following delay
- ▶ Initial Contract term reduced to 14 months – 31st March 2023 (to coincide with STWWMP Partners), up to 3 x 12 month extensions
- ▶ Contractual Minimum Annual Recycling Rate – 48% (does not include all recyclable streams)
- ▶ Actual Annual Contractual Rate 2022/23 – 52.2%
- ▶ Actual overall recycling rate – 61.2%
- ▶ Tonnage 2022/23– 11,865 (2019/20 Pre Covid – 17,305 tonnes!)
- ▶ Mobile Compaction reduces transport movements



Booking System

Permit Reference: EVE-2454568-R5B2W1



Office use only



ENTRY DATE:
Monday 27 June 2022

ENTRY TIME: 08:00 - 08:20



PERMIT TO DEPOSIT HOUSEHOLD WASTE

Customer's name
Customer's address

Permit to access **Pallion Household Waste Recycling Centre**

VEHICLE DETAILS

Vehicle registration		Type of vehicle	Car
Is there a trailer	No	Is this a hire vehicle	No
Vehicle markings or lettering			

DISCLAIMER

By applying for the permit you confirmed the following:

No hazardous or chemical waste to be disposed for health and safety reasons:	Y
No asbestos to be disposed for health and safety reasons:	Y
No clinical or medical waste to be disposed for health and safety reasons:	Y
No tyres on a rim to be disposed:	Y
No fire extinguishers to be disposed:	Y
No trade waste to be disposed:	Y

**This permit must be presented to the site attendant before you deposit your household waste.
The arrival time must be adhered to. We reserve the right to refuse entry outside of the selected time.**

It is an offence to deposit trade waste at this site.

This permit is valid for one visit only and will be retained by the site attendant.

Site usage 2022/23



200,054 permits issued for 261,820 slots available
(Average permits issued per month 16,671)
Av 76.5% capacity



Av 51% booked for different day

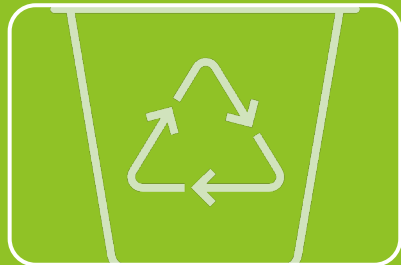


Av 49% booked for same day

Site usage August 23



23,041 permits issued for 27,546 slots available
Av 83.9% capacity



Av 57% booked for different day



Av 43% booked for same day

Reuse shop

- ▶ Operated by third sector
- ▶ Open day held – very well attended
- ▶ Sealed bids for 5yr lease
- ▶ Pay proportion of utilities
- ▶ Either straight sell on or refurbished (not up cycling yet)
- ▶ All items checked for safety and electrical items PAT tested
- ▶ Committed to work with volunteers, local schools etc
- ▶ Proving very popular with residents
- ▶ 77,000 kgs sold to date!!



Reuse Shop



Issues

- ▶ Time delays
- ▶ Increased costs
- ▶ Signage to locate site
- ▶ Storm Arwen
- ▶ Bump stops
- ▶ Automated gates



Resident feedback

- ▶ Resident 1: “Online permit arrangement has got to stay, so much better for users, no more endless queuing, you book your slot and get your confirmation straight through.”
- ▶ Resident 2: “The new system at the tip is working really well”
- ▶ Resident 3: “Staff at the HWRC are very helpful. I was very impressed with their customer service skills”



Lessons Learnt

- ▶ **Futureproofing? Very Large Site – only 2 of 3 ‘pods’ currently being used**
- ▶ **Meet and Greet point/booking in can restrict throughput**
- ▶ **Traffic flow from Reuse Shop – separate access would be better**
- ▶ **Dont underestimate the need for signage**
- ▶ **Some noise complaints from neighbours**



Sunderland council opens £5m HWRC

Sunderland city council opened its £5 million household waste and recycling centre at Pallion yesterday (1 February), which is five times bigger than the site it is replacing.



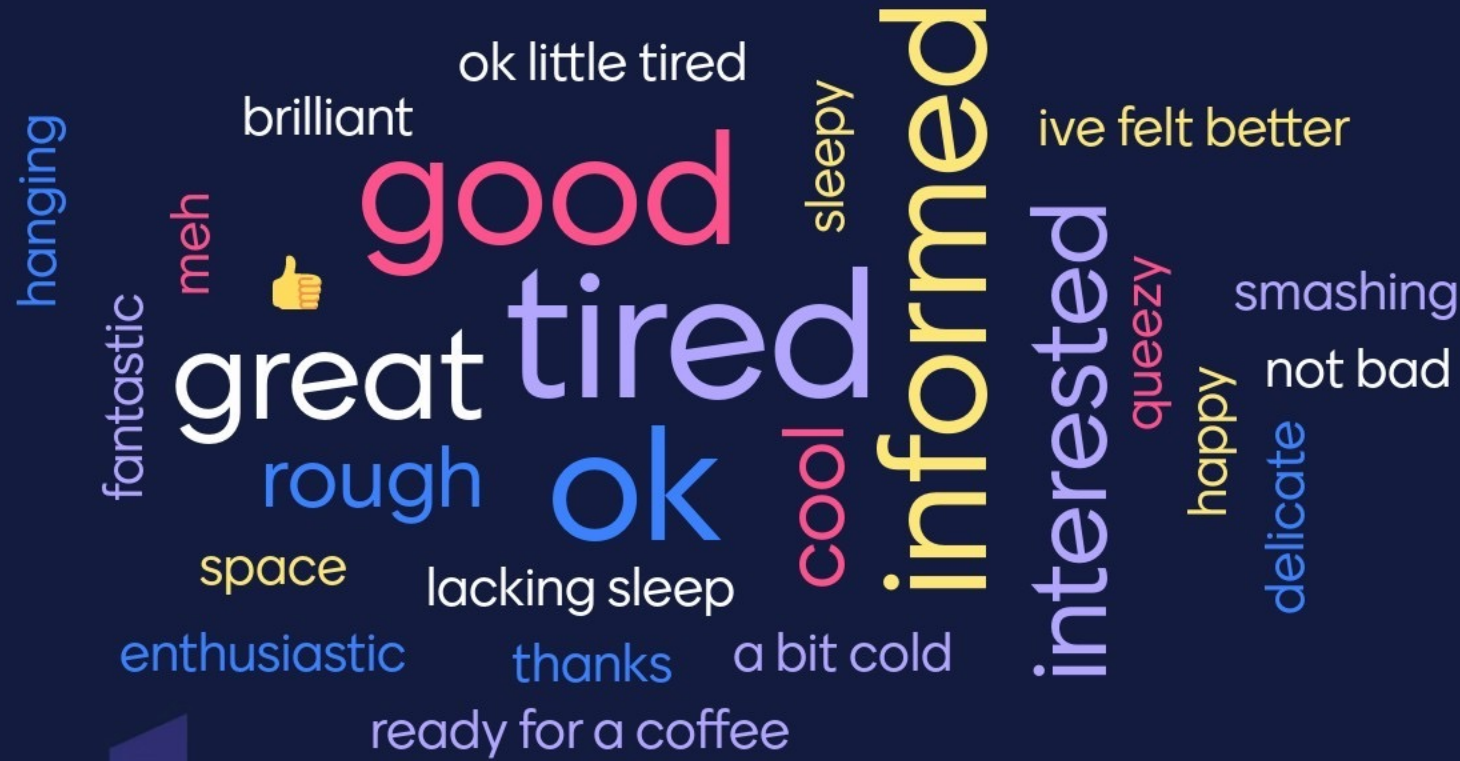
Any Questions?

LARAC 2023 - HWRS Workshop

12th October 2023

How are you feeling today?

61 responses



Workshop Topics

what could a Household Waste Recycling Centre look like in the next 10-20 years?

What do you see as the biggest obstacle in providing the HWRS of the future?

26 responses

Reduced budgets

2 votes

Old sites not fit for purpose

2 votes

Sufficient site space

2 votes

Finance

1 vote

Budget

1 vote

Infrastructure investment

1 vote

Budget

1 vote

Finance

Budget!

What do you see as the biggest obstacle in providing the HWRS of the future?

26 responses

Revenue

Money

Awareness

Local authority lack of funds

Budget

Lack of space

Sites

Funding

Space

What do you see as the biggest obstacle in providing the HWRS of the future?

26 responses

Cost

Enough space

Verbal abuse of staff

Budget pressures elsewhere in Council i.e social care

Sites

LA procurement restraints

Finance

Demand

What could the community do to help?

39 responses

Reuse and repair services

More volunteers

Pre sort

Make the most of kerbside offering

Reuse

Community reuse/refurbishment

Minimise waste

Segregate their waste

Waste less!



What could the community do to help?

39 responses

Sort waste out before coming

Volunteering

Take more time to recycle

Links with local initiatives

Reuse / recycling champions

Sharing ideas that work

Pre sort

Better segregation of waste

Reuse

What could the community do to help?

39 responses

Reuse

Offtakers for reuse, use charity shops, community halls

Higher participation

Integrate to reuse, repurpose material use

Volunteering in reuse shops cafes

Education

Offer items on free sites first

Pre sort

Site operation

What could the community do to help?

39 responses

Pre sort

Separate their waste and no black bags

Behaviour changes

Be more aware

Segregate their waste

Online influencers reusing / recycling

Volunteers

Separate all waste effectively

Need many small partnerships to support reuse initiatives to divert wood, bikes etc.
need to develop repair skills

What could the community do to help?

39 responses

Stop buying stuff

Right waste in right skip

Go to neighbouring authority hwrc

What are the social challenges?

36 responses

Nimbyism

Access to booking system

Throw away society

Education

Creating habits

Laziness

Demands on budgets

Access

Accessibility non car users

What are the social challenges?

36 responses

Behaviour

Changing the throw away habits

Access to service

Communication

Pre

Undeclared commercial waste

Theft from sites at night

Language barriers preventing education for better recycling

Commercial waste misuse

What are the social challenges?

36 responses

Changing behavior

Seen as a nice day out

Using ignorance as an excuse

Language and cultural barriers

Behaviour change

Locations of sites

Not accessing the site without a car

Throw away attitude

Language barriers

What are the social challenges?

36 responses

Awareness

Digital divide

Digital access

Lack of awareness

Break-ins

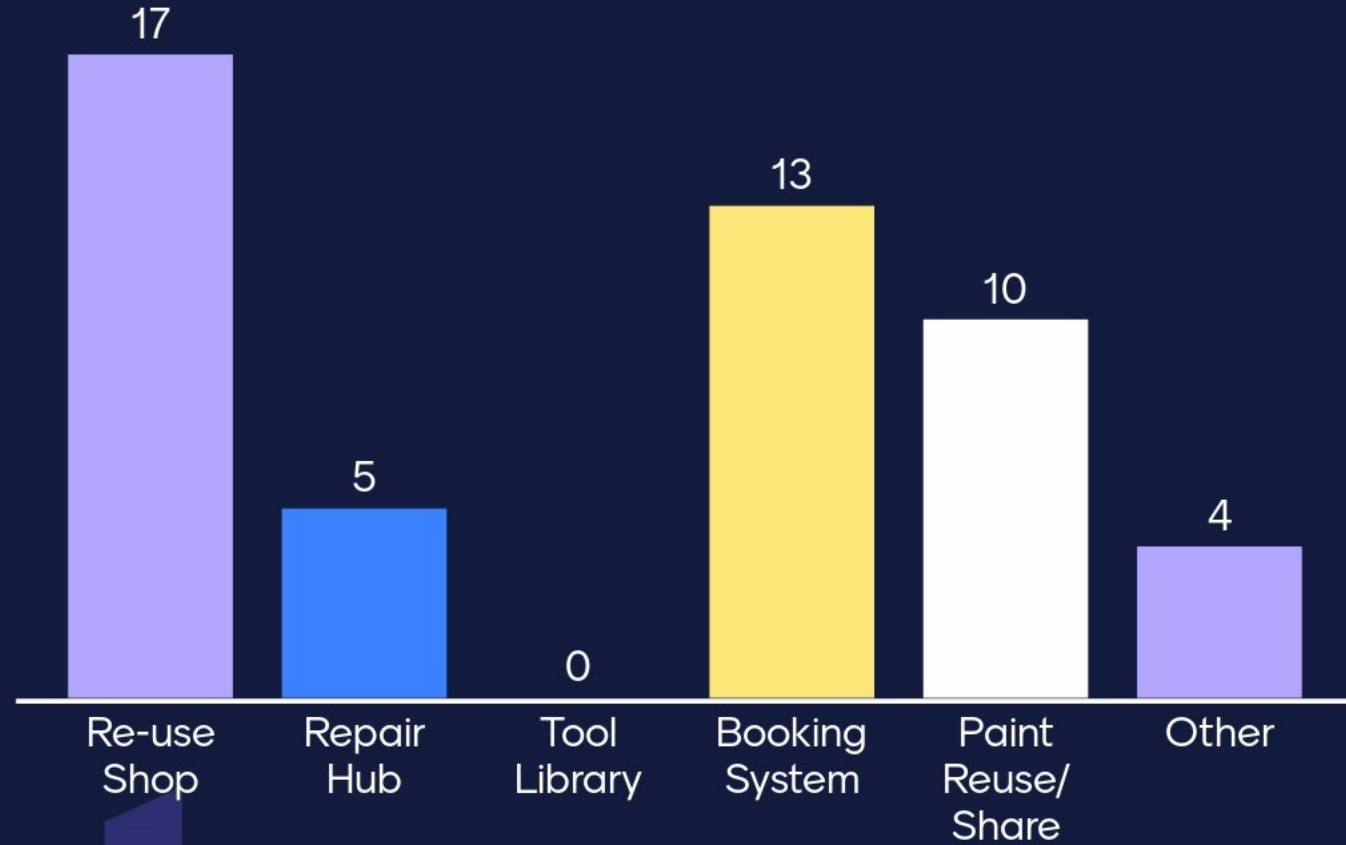
Not wanting to take responsibility for the waste that is produced

It is not a tip

Traders and landlords misuse

ULEZ

Do you provide any of the following?



If you voted "other" what is it?

4 responses

Education room

Salvage area

Van and trailer permit

Yes

Do you believe your HWRS is fit for the future?



Thanks for the input!

0 questions
0 upvotes





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QUESTIONS & ANSWERS



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TEA, COFFEE & NETWORKING



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HEALTH & SAFETY POPs

*Chair: Ashley Wild, Waste & Recycling Manager, Basingstoke
& Deane Borough Council and Hart District Council*

Sam Horne, Chair, NAWDO

Matt Womersley, Senior Advisor, Environment Agency



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HEALTH & SAFETY POPs

Sam Horne, Chair, NAWDO



POPs – A local Authority Perspective

LARAC Conference – 12 October 2023

Sam Horne
Chair - NAWDO

About Us



Network for Waste Managers at Local Authorities with statutory responsibility for waste disposal.

For more information and contact details: www.nawdo.org.uk

What we do

- Represent general views of members to other organisations
- Provide representation on national and strategic groups
- Facilitate communications between members
- Highlight legislative and operational changes

Background on WUDS potentially containing POPs



0% of UK surface water meets legal water quality standards due to chemical pollution
(chemtrust.org)



Furniture & Furnishings (Fire Safety) Regulations do not specify quantities of flame retardants to meet safety standards



POPs in WUDS = **1200-1600 tonnes/year**
One wasted sofa contains **1kg** of POPs (legal limit = 1,000mg/kg)

Action taken at a National Level

Defra led Stakeholder group, includes representatives from

- Local authorities
- Manufacturers/ producers
- Waste industry
- Charities/Reuse sector
- Regulators (the Environment Agency)
- Devolved nations

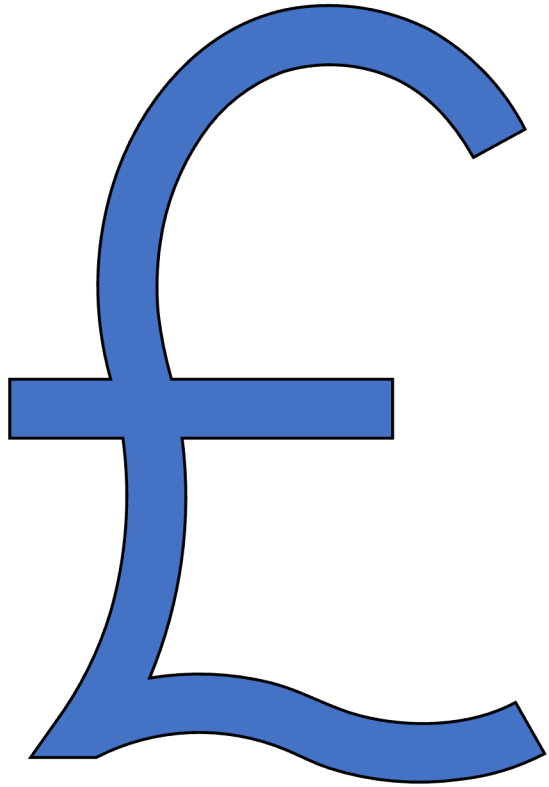
EA led Guidance sub-group

- Identify steps, risks and issues that need consideration as Guidance for achieving compliance with legislation

EA led Resolver sub-group

- Propose solutions for barriers/issues related to achieving compliance raised by different representatives

Impacts of managing WUDS on Local Authorities



Infrastructure



Haulage



Timings



Communications



Tonnages



Abatement
solutions

The Future of POPs?



Key issues for Local Authorities to overcome on future POPs requirements

Segregating materials from relevant waste streams

Manage quantities of POPs waste

Improving evidence on chemical composition of waste

Screening for POPs in the field

Increasing Infrastructure capacity

Funding

Influencing public behaviour

Contract negotiations

Call for Action

1. Elimination/ prevention of use of chemicals
2. Reduction in use
3. Producer responsibility for affected materials/ products
4. Improved data/ evidence on (environmental) impacts of existing chemicals, and on alternative/ replacement chemicals ahead of use
5. Greater transparency and traceability on use of chemicals from first application through to end-of-life
6. Collaboration





Chemicals / POPs in Waste - Local Authority Group

Group Focus:

- Increase awareness, upskill and potentially train
- Collaborate and lobby industry to develop evidence to support LAs on duty of care
- Develop practical solutions for waste streams that might be affected by POPs
- To capture impacts on LAs of POPs and work with Government and industry to find solutions
- To influence, advise on and help develop future policy in this area
- To work with the Regulator to provide good practice and support on guidance



Thank You
Questions?

Sam Horne

NAWDO

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