

# FLATS RECYCLING PACKAGE

## COST/BENEFIT TOOL

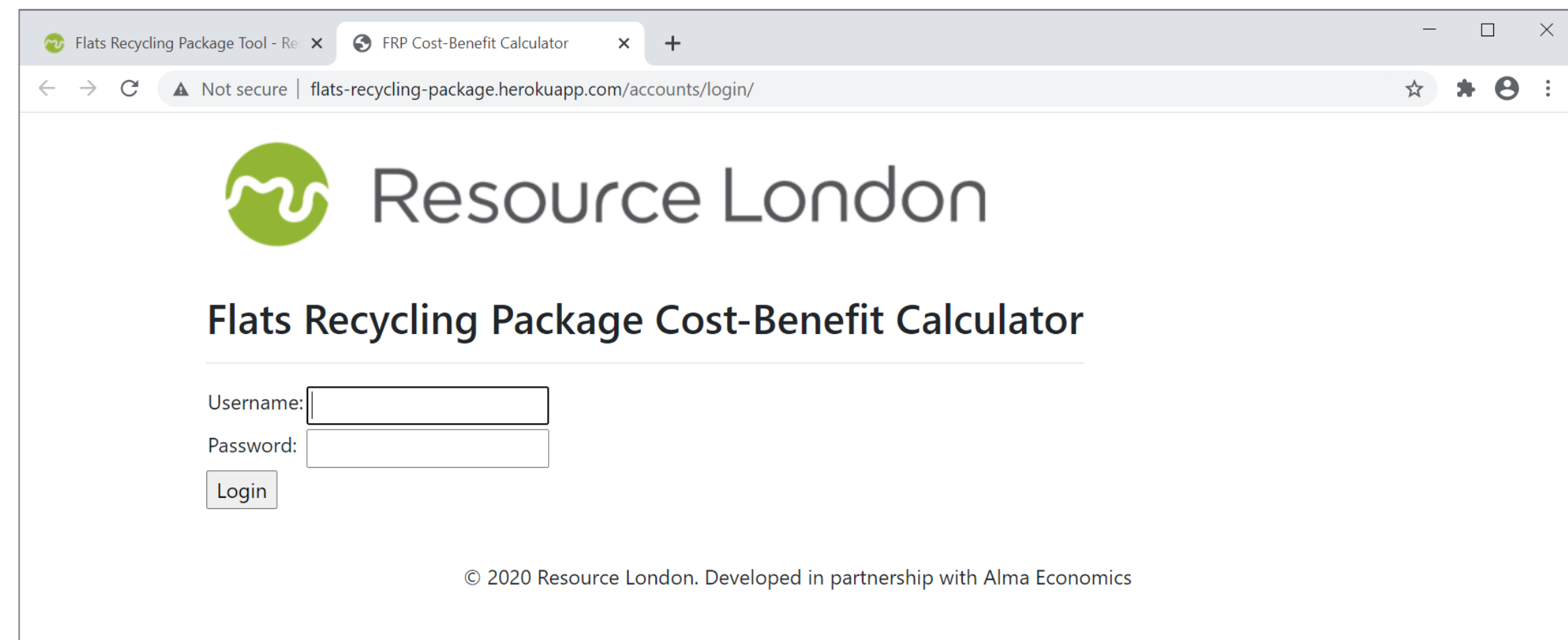
### WEBINAR AND DEMO

**1 DECEMBER 2020**



# Agenda

1. Introductions and scene setting
2. Introduction to the Flats Recycling Package and development of the tool
3. Walk through of the Flats Recycling Package cost/benefit tool
4. Questions
5. Close -



The screenshot shows a web browser window with two tabs: 'Flats Recycling Package Tool - Re' and 'FRP Cost-Benefit Calculator'. The address bar shows the URL 'flats-recycling-package.herokuapp.com/accounts/login/'. The page features the Resource London logo (a green circle with a white wavy line) and the text 'Resource London'. Below this is the title 'Flats Recycling Package Cost-Benefit Calculator'. The login form includes a 'Username:' label with an input field, a 'Password:' label with an input field, and a 'Login' button. At the bottom, there is a copyright notice: '© 2020 Resource London. Developed in partnership with Alma Economics'.

An aerial photograph of London, showing the River Thames, the Tower Bridge, and the city skyline. The image is partially obscured by a white circular graphic on the right side.

# About LWARB

We're a partnership of the Mayor of London and the London boroughs helping London transition to a low-carbon circular economy. We collaborate with business, government, waste authorities, academia, the third sector and the wider London community.



**LWARB**  
London Waste and Recycling Board

# Flats recycling



# The Flats Recycling Package

- **Clean and well-maintained** bins and bin area
- **Adequate collections** to prevent overflows (min 60L/hh/wk)
- **Appropriate apertures** on recycling bins
- Collection of the **six main recyclable materials**
- **Clear and visible signage** on and above the bins
- **Bins located conveniently** for residents
- **Recycling leaflet** sent once a year to residents
- **Posters** highlighting recycling messages
- Residents informed of what to do with **bulky waste**



# Flats Recycling Package



# Flats Recycling Package

Posters on notice boards



Annual information leaflets to all residents



# FRP tool Advisory Group

## London Boroughs

- Hackney - Sam Kirk (Environmental Service Strategy Manager)
- Hounslow – Wayne Stephenson (AD Environmental Services and Culture) and Cindy Gardener (Head of Waste and Recycling)
- Waltham Forest – Nisha Patel (Waste and Recycling Officer)
- Tower Hamlets – Dan Jones (Director Environmental Services) and Catherine Cooke (Environmental Services Improvement Team Leader)
- Greenwich – Amy London (Senior Waste and Streets Advisor)

## Housing associations

- Peabody - James Glass (Head of Estates)
- L&Q Housing - Beverley Johnson (Caretaking Services Manager)
- A2Dominion - Leon Graham (Head of Environmental Services)



# Aims of cost benefit analysis

- Develop a tool to measure the *additional* costs and benefits of implementing FRP
- Tool seeks to measure the full range of costs associated with FRP; including both setup and ongoing costs
- Also seeks to quantify the benefits to boroughs/housing providers, and the wider social benefit of FRP
- Costs and benefits are added together to estimate the net cost/benefit of FRP for the parties involved

# Additional costs measured

## Setup costs

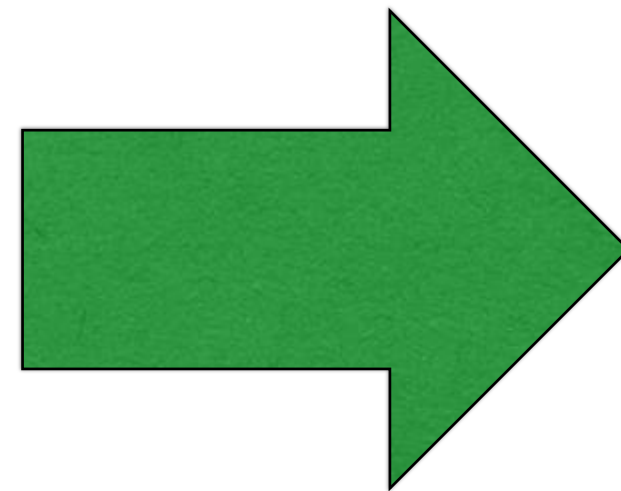
- New bins / refurbishment of existing bins
- Refurbishment of bin areas (lighting, painting)
- Communications e.g. signage, stickers
- Project management and rollout costs

## Ongoing costs

- Weekly additional collection costs
- Monthly officer inspection of bin areas
- Regular cleaning of bins / bin areas
- Maintenance of bins/signage
- Intermittent refurbishment of recycling bins

# Benefits to measure

**Diversion of waste  
from rubbish to  
recycling and reduced  
contamination rates**



- 1 Reduced CO<sub>2</sub>e emissions from landfill/efw  
(valued at social cost of carbon)**
- 2 Reduced gate fees (landfill tax) paid by  
boroughs**
- 3 Value of materials diverted from efw /  
landfill / contamination**
- 4 Value of improved resident experience  
(reduced odours, litter)**

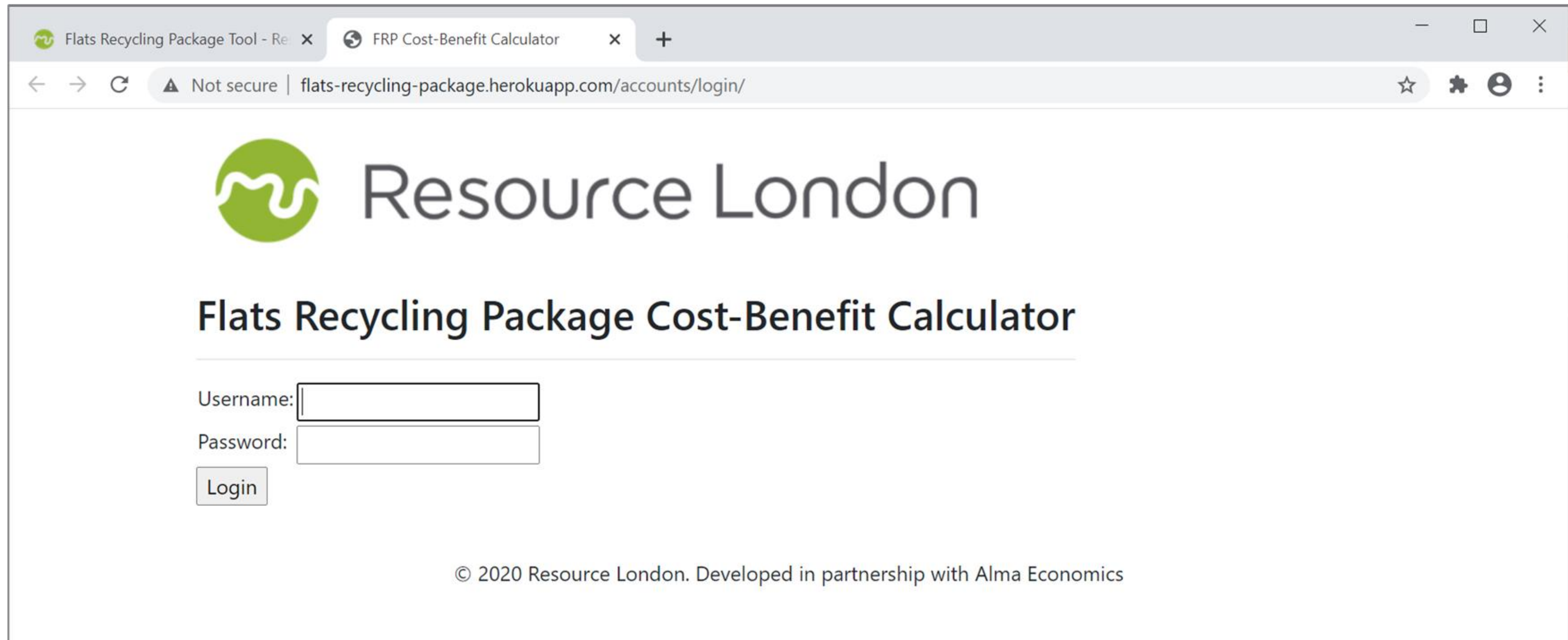
# Approach to developing tool

- Tool developed to strike balance between user-experience and providing robust estimates of the cost/benefit of FRP:
  - Underlying assumptions based on averages, but some flexibility for users to adjust key inputs if local data is available.
- Range of scenarios for costs and benefits provided, assuming:
  - Estates vary in their difficulty to treat.
  - Procurement/input costs can vary.
  - Benefits of FRP can vary depending on the initial condition of the estate.

# Approach to developing tool


- Built collaboratively and piloted with an Advisory Group consisting of London boroughs, with housing providers and other stakeholders also consulted
- Evidence to support cost/benefit assumptions collated from a range of sources
  - Peabody project monitoring and evaluation data
  - Interviews with key personnel
  - Rapid Evidence Assessment of external evidence
- User-guidance built into web interface
- Key outputs can be extracted from tool

# Tool demo



Flats Recycling Package Tool - Re x FRP Cost-Benefit Calculator x +

← → ↻ Not secure | flats-recycling-package.herokuapp.com/accounts/login/ ☆ ⚙️ 👤 ⋮

 Resource London

## Flats Recycling Package Cost-Benefit Calculator

---

Username:

Password:

Login

© 2020 Resource London. Developed in partnership with Alma Economics

# Questions?

# Next steps

Register for a user account and explore:

<https://resourcelondon.org/resources/toolkits/flats-recycling-package-tool/>

## FLATS RECYCLING PACKAGE TOOL REGISTRATION

To request access to the Flats Recycling Package tool please register for an account by filling in your details below. Once your request has been approved, your log-in details will be e-mailed to you directly.

Name \*

Local Authority or Organisation \*

Email address for new account \*

Send