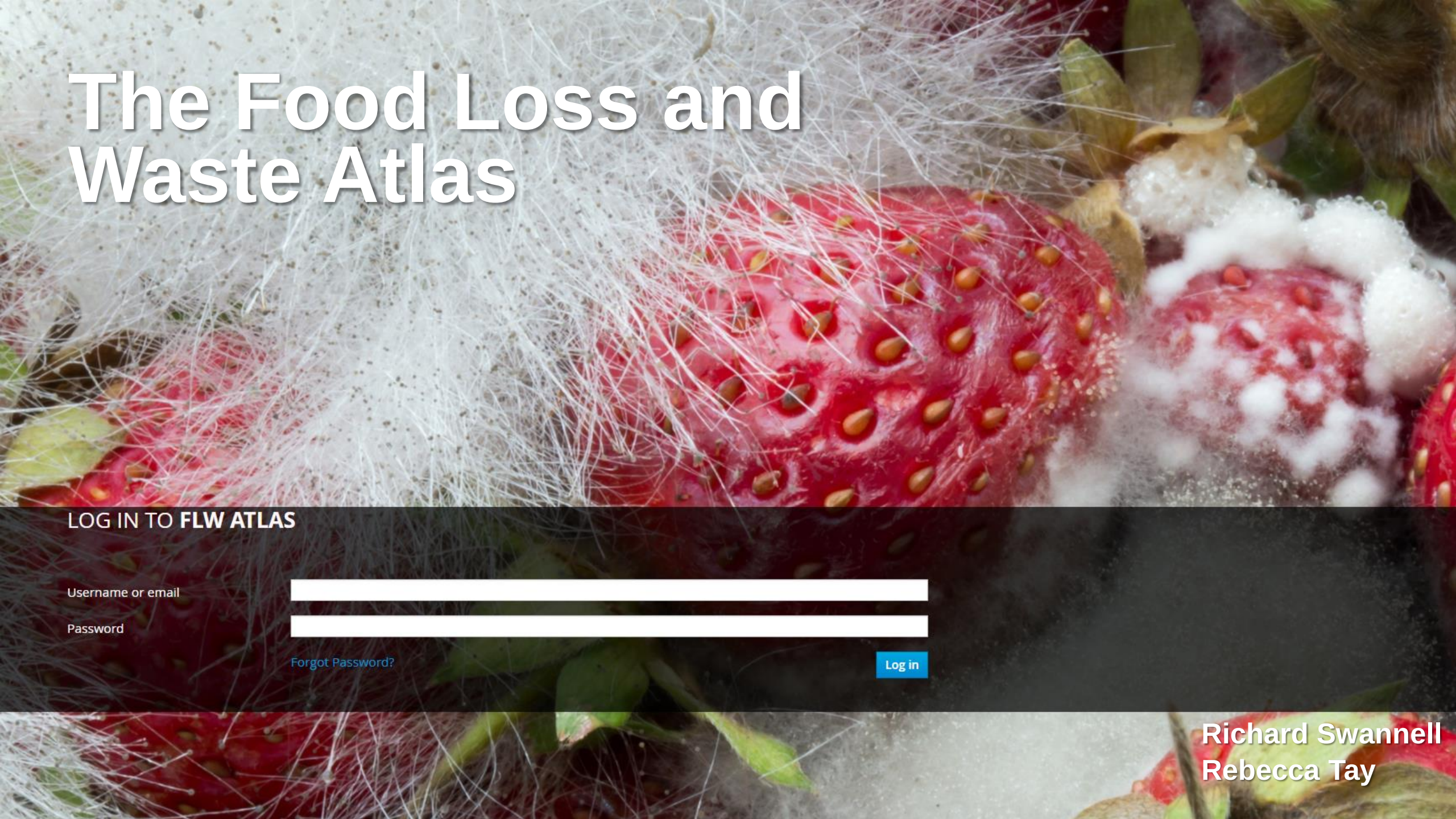
The Food Loss and Waste Atlas



Richard Swannell
Rebecca Tay

Outline

Food Loss and Waste Atlas
• Background
• Development Team
• FLW Atlas
• Benefits
• Opportunities
• Next steps

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1.3 billion tonnes food waste/year globally

Drivers

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Drivers

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Development Team

- **Idea Developed with: UN Environment, FAO, WBCSD, CGF and EU-Refresh**
- **Project Team: WRAP, WRI and PredictX**
- **Funded by: Walmart Foundation, WRI and WRAP**

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The Food Waste Atlas

Tracking the world's food loss and waste from farm to fork

FLW DATABASE

Finding food loss and waste data by location, food category, and stage in supply chain

SUBMIT FLW DATA

SEARCH DATA

INVENTORY DATA

Tracking food waste and loss by country and company

SUBMIT INVENTORY

SEARCH INVENTORY

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FLW ATLAS

Search food loss and waste data

Type something you need to find

Apples

Results showing
1422

Time | Age | A-Z

- Newest first
- Oldest first
- Relivance

Apples and Products
2017

Supply chain stage
Harvesting in Field

Location
Afghanistan

Apples and Products
2017

Supply chain stage
Harvesting in Field

Location
Afghanistan

Apples and Products
2017

Supply chain stage
Harvesting in Field

Location
Afghanistan

Apples and Pr
2017

Supply chain stage
Harvesting in Field

Location
Afghanistan

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Afghanistan, 2008

Apples and products [2617]

Back to search

Stage of supply chain

Harvesting in Field

Amount

1967 - 2013

3,000 Tonnes

Source type

FAO: Food Balance Sheets

Source

http://www.fao.org/faostat/en/#data/FBS

Location

Cost of food waste

$1,234,567,890

Disposal or recycle route

5,700 Tonnes donated

Year

1967 – 2013

Notes

Some text

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FLW ATLAS

1 2 3

Submit Inventory Data

Entity Name

Time Frame to Time Frame

Material type

Boundary

Food categories

Next

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FLW ATLAS

UK, 2015
Retail [2617]

Back to search

Year

2015

Location

Household

Edible
5.7 Mt

Inedible Food Waste
1.3 Mt

Total
7 Mt

Destination

AD or composting
1.2 Mt

Thermal and landspreading
2.3 Mt

Landfill
3.5 Mt

Total
7 Mt

Hospitality and Food Service

Edible
0.7 Mt

Inedible Food Waste
0.2 Mt

Total
0.9 Mt

Destination

AD or composting
0.1 Mt

Thermal and landspreading
0.2 Mt

Landfill
0.6 Mt

Total
0.9 Mt

Retail and whole sale

Edible
0.3 Mt

Inedible Food Waste
0 Mt

Total
0.3 Mt

Manufacturing

Edible
0.9 Mt

Inedible Food Waste
0.8 Mt

Total
1.7 Mt

Total FLW - UK

Edible FLW
7.6 Mt

Inedible Food Waste
2.4 Mt

Total FLW
10 Mt

Total Destination - UK

AD or composting
1.95 Mt

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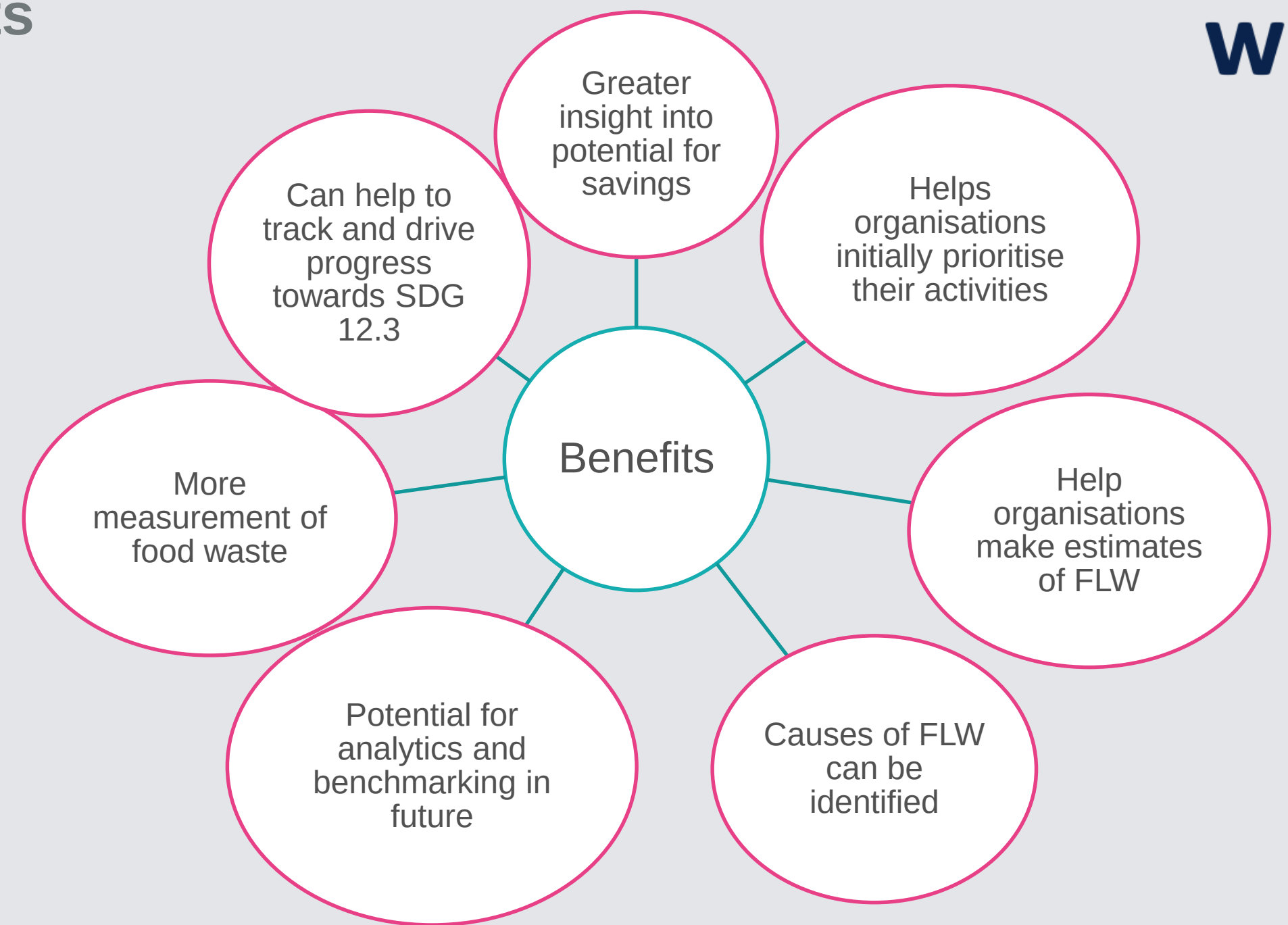
Benefits


Benefits
Greater insight into potential for savings
Helps organisations initially prioritise their activities
Help organisations make estimates of FLW
Causes of FLW can be identified
Potential for analytics and benchmarking in future
More measurement of food waste
Can help to track and drive progress towards SDG 12.3

Opportunities

- Integrate European data
- Encourage organisational reporting
- Link to Development Funds ?

Next Steps

- Developed concept and consulted widely
- Discovery Phase complete and moving into build phase
- Aim to launch in early summer

UNITE IN THE
#FOODWASTEFIGHT