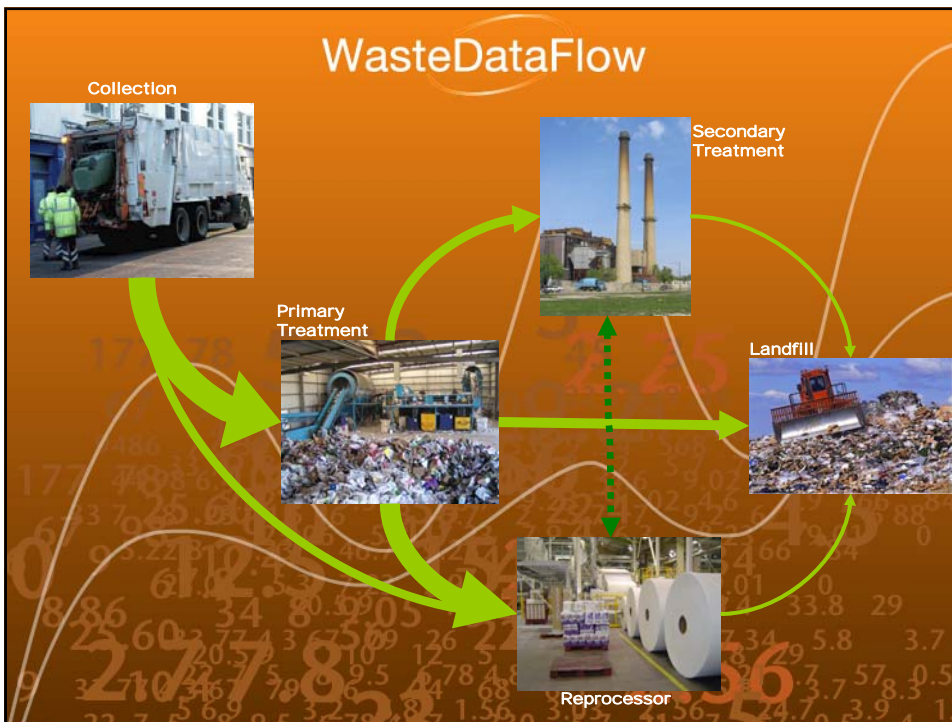


# WasteDataFlow

## Question 100 Guidance

*The key to using Question 100 is to fully understand all the movements of your waste, from collection to end destination.*



# WasteDataFlow

## What is Q100?

- New question in WDF to record all the treatments and end destinations of all your residual, recycling, reuse and composting waste.
- It therefore has the capability to replace Questions 19, 19a, 35, 51-65 & 70.
- It fits in with WAG/EAW policy of reporting all end destinations of waste and rejected waste.
- It allows waste sent through several treatment processes to be recorded in WDF, which has not been possible previously.
- It allows the user to create a 'tree' structure that traces the movements of waste after collection to final destination.
- It can be time consuming to initially set up Q100, but once it has been created you can load structures from previous quarters making data entry faster.
- You still must record arisings data in Questions 10, 11, 12, 16, 17, 18, 33 & 34 AND 23, as well as the other non-tonnage data in WDF

Before using Question 100, having your material and selection lists set up properly makes it much easier to use, guidance on these can be found here:

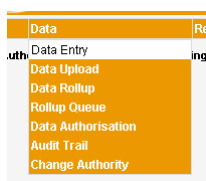
Selection Lists - [http://www.wastedataflow.org/Documents/Oct08/WDF\\_SelectnLst.pdf](http://www.wastedataflow.org/Documents/Oct08/WDF_SelectnLst.pdf)

Material Lists -

[http://www.wastedataflow.org/documents/guidanceManual/WDF\\_New\\_Materials\\_guidance.pdf](http://www.wastedataflow.org/documents/guidanceManual/WDF_New_Materials_guidance.pdf)

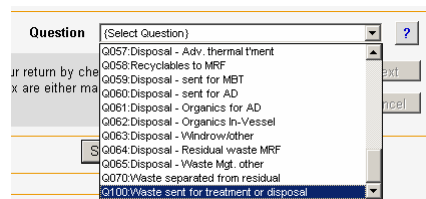
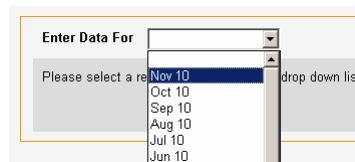
## To access Question 100:

1. Log into WasteDataFlow as normal



2. Roll over **Data**, and click **Data Entry** from the drop down menu.

3. In the **Data Entry** page, choose a period.



4. **Q100** now appears in your list of Questions, click to access.

## Question 100

To use Q100 you need to build a 'tree' structure to trace the flow of your waste once collected, to show all treatment processes and the final destinations.

The screenshot shows the 'WasteDataFlow' application interface. At the top, there are navigation tabs: Home, Data, Reports, Management, Log Off, and Help. Below these, the user information is displayed: User: level 10, Authority: Development, Acting For: City and County of Swansea. The main content area is titled 'Question 100: Waste sent for treatment or disposal'. It includes a 'Load structure from' dropdown menu currently set to 'Apr 10' and a 'Go' button. To the right, the 'Waste Details' section contains several input fields: 'Facility/Process Type' (a dropdown menu), 'Facility Name' (a text input field), 'Waste Stream Type' (a dropdown menu), and 'Tonnes Input' (a text input field). There are 'Save' and 'Cancel' buttons at the bottom of the 'Waste Details' section.

Initially, building this tree will take time, but once built, you can load structures from previous quarters using the 'Load structure from' feature.

**WARNING - if you load from previous periods it will overwrite anything you have already entered this period, so do this first!**

## Question 100 - Layout

The screenshot shows the 'Waste Movement Tree' section of the 'Question 100' interface. The tree structure is as follows:

- Q100: Waste sent for treatment or disposal
  - Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP
  - Materials recovery facility (qu58) : 500 Tonnes : Comingled recyclate : Swansea City Waste Disposal Co Ltd 34014
    - Reprocessor - recycling (qu19) : 200 Tonnes Dry recyclate : 4 Recycling Ltd
      - Final Destination : 200 Tonnes Dry recyclate :
      - Reprocessor - recycling (qu19) : 200 Tonnes Dry recyclate : Biffa Waste Services Limited
        - Final Destination : 200 Tonnes Dry recyclate :
    - Non-hazardous landfill : 100 Tonnes Contamination : Nantycaws Landfill Site [DP3934LP]

The 'Waste Details' section on the right is identical to the one in the previous screenshot, with fields for 'Facility/Process Type', 'Facility Name', 'Waste Stream Type', and 'Tonnes Input', and 'Save' and 'Cancel' buttons.

This part of Q100 shows your current tree structure.

This part of Q100 allows you to add/edit/remove 'branches' on your tree.

## Question 100 - Growing your tree - the basics

1. Click 'Q100:Waste sent for treatment or disposal' this allows you to build a new branch. Do this each time you want to start a new stream.

Choose the facility/process type that your waste goes to in the first instance from the drop down box.

This list is similar to the list of Questions 19, 19a, 35 and 51-65 in WasteDataFlow.

Next to each choice is a reminder of the original question number.

**Waste Movement Tree**

Load structure from

...Q100:Waste sent for treatment or disposal

**Waste Details**

Facility/Process Type:

Facility Name:

Waste Stream Type:

Tonnes Input:

## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from

...Q100:Waste sent for treatment or disposal

2. You are now shown your list of destinations related to that Facility/Process type. If you cannot find your destination from this list you can click '**Show all my facilities**' to expand this list to your full Selection List

To choose a facility just click its name.

**Waste Details**

Facility/Process Type:

Facility Name:

National Facility Ref	License	Organisation	Address
377	34147	Resources Management UK Ltd	Bowlings Farm Rudbaxton Haverfordwest Pembrokeshire SA62 4DB
4313	27158	Biffa Waste Services Ltd	Studley Grange Landfill Site Hay Lane Lydiard Tregoze Wootton Bassett Wiltshire SN4 9QT
4326	34011	Swansea City Waste Disposal Co Ltd	Fabian Way Port Tennant Swansea SA7 9XT
5557	DP3934LP	Nantycaws Landfill Site [DP3934LP]	Llanddarog Road, Nantycaws, Carmarthenshire
20806		Hills Waste Solution Limited	Parkgate Farm SN5 4HG
20835		Biffa Waste Services Ltd	Tracatti Landfill Site Fochriw Road Merthyr Tydfil CF48 4AB
21936		Cynon Valley Waste Disposal Company Ltd	Bryn Pica Landfill Site Aberdare CF44 DBX

Waste Stream Type:

Tonnes Input:

## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from Apr 10

...Q100:Waste sent for treatment or disposal

**Waste Details**

**Facility/Process Type** Non-hazardous landfill (qu52)

**Facility Name** Nantycaws Landfill Site [DP3934LP] [change](#)

**Facility Address** Lladdarog Road, Nantycaws, Carmarthenshire

**Facility Licence** DP3934LP

**National Facility ID** 5557

**Waste Stream Type** Residual waste

**Tonnes Input** Residual waste

3. You now need to select the 'Waste Stream Type' entering the facility/process. In this example, being a Non-Hazardous Landfill, you are limited to **Residual Waste**.

Each Facility/Process has designated waste stream types, e.g. composters have green/food waste, MRFs have Co-mingled or Source Segregated recyclate etc.

## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from Apr 10

[-] Q100:Waste sent for treatment or disposal

- ▲ Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP

**Waste Details**

**Facility/Process Type** Non-hazardous landfill (qu52)

**Facility Name** Nantycaws Landfill Site [DP3934LP] [change](#)

**Facility Address** Lladdarog Road, Nantycaws, Carmarthenshire SA32 8BG

**Facility Licence** DP3934LP

**National Facility ID** 5557

**Waste Stream Type** Residual waste

**Tonnes Input**

4. Add the tonnage input to the Facility/Process and click **Save**.

You can now access the **Materials**, **Transfer Stations** and **Comments** sections. You can **Expand** or **Collapse** by clicking the buttons.

In this example you would not need to give material types but for reprocessors, composters etc., you will be forced to do this.

In **Transfer Stations** you are given your list, where you can add data in the relevant boxes.

You can use **Comments** boxes as required.

Remember to click **Save** when you are finished.

**Materials**

---

**Transfer Stations**

Transfer Station	Tonnes Sent By Road	Tonnes Sent By Rail	Tonnes Sent By Water
The County Council Of The City & County Of Cardiff [30338]	5000		
Neal Soil Suppliers Ltd [30347]			
Bryn Compost Ltd [30381]			
The Recycling Company ( U K ) Ltd [34282]	5000		
Vital Earth ( Sutton ) Limited [47152]			
Neal Soil Suppliers Ltd [30348]			
Vital Earth ( Derby ) Limited [40287]			
Lamby Way Landfill Site [LP3130MA]			

**Comments**

## Question 100 - Growing your tree - the basics

The previous section covered simple waste movements, such as waste direct to landfill. Q100 can also replace Q19/35 for waste sent directly for recycling/reuse.

1. To add a new stream Click 'Q100:Waste sent for treatment or disposal'.  
You can now choose a 'Facility/Process Type', in this example we choose 'Reprocessor - recycling'

## Question 100 - Growing your tree - the basics

National Facility Ref	License	Organisation	Address
377	34147	Resources Management U.K.Ltd	Bowling Farm Rudbaxton Haverfordwest Pembrokeshire SA62 4DB
3338	34014	Swansea City Waste Disposal Co.Ltd	Ferryboat Close Swansea Enterprise Park Swansea SA6 8QN
4313	27158	Biffa Waste Services Ltd	Studley Grange Landfill Site Hay Lane Lydbard Tregoze Wootton Bassett Wiltshire SN4 9OT
4326	34011	Swansea City Waste Disposal Co.Ltd	Fabian Way Port Tennant Swansea SA7 9XT
4681	34092	SMS Group U.K.Ltd	Neath Abbey Wharf Skewen Neath N P T SA10 8BL
5557	DP3934LP	Nantycaws Landfill Site [DP3934LP]	Llanddarog Road, Nantycaws, Carmarthenshire
7932		Other/Exempt	National
10176	34262	The Recycling Company (U.K.) Ltd	Grow Quarry South Conelly Glamorgan CF33 4RB
20005		Hills Waste Solution Limited	Parkgate Farm SN5 4HG
20835		Biffa Waste Services Ltd	Tracati Landfill Site Fochriw Road Merthyr Tydfil CF46 4AB

2. You are now shown a list of these site types from your Selection List, if you cannot see a site you can show your full list by clicking 'Show all my facilities'

Remember, your selection list may cover several pages, you can view pages by clicking the numbers near the bottom.

## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from

[-] Q100: Waste sent for treatment or disposal

- [-] ▲ Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP

**Waste Details**

**Facility/Process Type**  change

**Facility Name** Resources Management U K Ltd

**Facility Address** Bowlings Farm Rudbaxton Haverfordwest Pembrokeshire SA62 4DB

**Facility Licence** 34147

**National Facility ID** 377

**Waste Stream Type**

**Tonnes Input**

- 
- 
- 
-

3. Now choose the **Waste Stream Type**. Notice, this list has changed from when we were dealing with a landfill.

For this example we'll choose 'Source segregated recycleate'.

At any stage you can change the destination by clicking **Change**, rather than delete and start again.

## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from

[-] Q100: Waste sent for treatment or disposal

- [-] ▲ Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP
- ▲ **Reprocessor - recycling (qu19) : Tonnes : Source segregated recycleate : Resources Management U K Ltd 34147**

**Waste Details**

**Facility/Process Type**

**Facility Name** Resources Management U K Ltd change

**Facility Address** Bowlings Farm Rudbaxton Haverfordwest Pembrokeshire SA62 4DB SA62 4DB

**Facility Licence** 34147

**National Facility ID** 377

**Waste Stream Type**

**Tonnes Input** 0 (Please see the the Materials section.)

4. As a reprocessor has been chosen it requires a breakdown of the materials sent to that facility.

You can enter tonnages for all the materials sent to that facility.

**Materials**

Material	Tonnes
Green glass	500
Brown glass	
Clear glass	
Mixed glass	
Paper	
Card	
Books	
Mixed paper & card	

## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from

[-] Q1 00: Waste sent for treatment or disposal

- [-] Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP
- [-] **Reprocessor - recycling (qu19) : 500 Tonnes : Source segregated recycle : Resources Management U K Ltd 34147**

**Waste Details**

Facility/Process Type:

Facility Name: Resources Management U K Ltd [change](#)

Facility Address: Bowlings Farm Rudbaxton Haverfordwest Pembrokeshire SA62 4DB SA62 4DB

Facility Licence: 34147

National Facility ID: 377

Waste Stream Type:

Tonnes Input: 500 (Please see the the Materials section.)

5. Now click Save and it totals the material breakdown in the **Tonnes Input** section.

**Materials**

Material	Tonnes
Green glass	500

## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from

[-] Q1 00: Waste sent for treatment or disposal

- [-] Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP
- [-] **Reprocessor - recycling (qu19) : 500 Tonnes : Source segregated recycle : Resources Management U K Ltd 34147**

**Waste Details**

Facility/Process Type:

Facility Name: Resources Management U K Ltd [change](#)

Facility Address: Bowlings Farm Rudbaxton Haverfordwest Pembrokeshire SA62 4DB SA62 4DB

Facility Licence: 34147

National Facility ID: 377

Waste Stream Type:

Tonnes Input: 500 (Please see the the Materials section.)

6. You'll notice that this newly added facility has a red triangle with a '!'. This is because WDF expects this type of facility to have some kind of outputs or needs you to confirm this is the final destination.

You now need to create sub-branches, to do this, ensure the **Reprocessor** is highlighted by clicking it in the tree and then click the **New Output** button.

**Materials**

Material	Tonnes
Green glass	500



## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from

[-] Q100:Waste sent for treatment or disposal

- ▲ Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP
- ▲ Reprocessor - recycling (qu19) : 500 Tonnes : Source segregated recycle : Resources Management U K Ltd 34147

**Waste Details**

**Output Waste Type**

**Facility/Process Type**

**Facility Name**

**Tonnes Output**

7. In this example we'll say that 20t of the Glass sent to the reprocessor was rejected to landfill.

To do this select 'Contamination' as the Output Waste Type.

8. And now select 'Non-hazardous landfill' as the Facility/Process Type.

You could select a variety of outputs for this contamination, such as a Residual MRF for further sorting or Incineration. You can also record the outputs of these processes by adding further sub-branches.

**Waste Details**

**Output Waste Type**

**Facility/Process Type**

**Facility Name**

**Tonnes Output**

## Question 100 - Growing your tree - the basics

**Waste Details**

**Output Waste Type**

**Facility/Process Type**

**Facility Name** change"/>

**Facility Address**

**Facility Licence**

**National Facility ID**

**Tonnes Output**

9. Again choose the name of the facility for this output. You'll notice that you cannot add to the **Tonnes Output** field, this is because it must be related to the material types entering the facility.

When you click save, you can access the materials box again, and add the rejects.

**Tonnes Output**

10. Add the reject against the corresponding materials and click save, the **Tonnes Output** field is now populated.

**Materials**

Material	Tonnes
Green glass	<input type="text" value="20"/>
Brown glass	<input type="text"/>
Clear glass	<input type="text"/>
Mixed glass	<input type="text"/>

## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from

Q100:Waste sent for treatment or disposal

- Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP
- Reprocessor - recycling (qu19) : 500 Tonnes : Source segregated recycle : Resources Management U K Ltd 34147**
- Non-hazardous landfill : 20 Tonnes Contamination : Nantycaws Landfill Site [DP3934LP]

**Waste Details**

Facility/Process Type:

Facility Name: Resources Management U K Ltd [change](#)

Facility Address: Bowlings Farm Rudbadon Haverfordwest Pembrokeshire SA62 4DB SA62 4DB

Facility Licence: 34147

National Facility ID: 377

Waste Stream Type:

Tonnes Input: 500 (Please see the the Materials section.)

11. The symbols have now changed. However, in order for the LAS and PI reports to run, **IT IS VERY IMPORTANT** you confirm the weight that has gone for recycling, **even if it is the same as the input.**

In this example it would be the 480t not rejected.

To do this highlight the **Reprocessor** again by clicking it. And click **New Output**.

## Question 100 - Growing your tree - the basics

**Waste Movement Tree**

Load structure from

Q100:Waste sent for treatment or disposal

- Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP
- Reprocessor - recycling (qu19) : 500 Tonnes : Source segregated recycle : Resources Management U K Ltd 34147
- Non-hazardous landfill : 20 Tonnes Contamination : Nantycaws Landfill Site [DP3934LP]
- Final Destination : 480 Tonnes Dry recycle :**

**Waste Details**

Output Waste Type:

Facility/Process Type:

Facility Name:

Facility Address:

Facility Code:

Tonnes Output: 480 (Please see the Materials section.)

**Materials**

Material	Tonnes
Green glass	480
Brown glass	<input type="text"/>

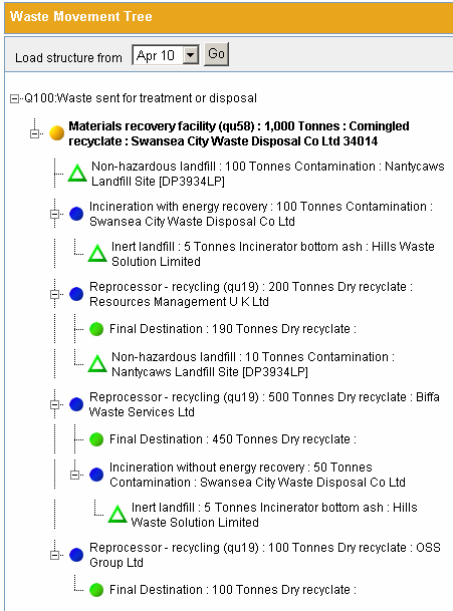
12. The **Output Waste Type** is 'Dry Recyclate' in this case. The **Facility/Process Type** is 'Final Destination'. You are also able to record the address if 'Other/Exempt' sites are used, if not leave blank and click **Save**.

You can now enter the material types that have been reprocessed, and click **Save**.

You now see that this Final Destination is added to the tree.

We now have an input to a reprocessor with a breakdown of what has actually been recycled and what has been rejected.

## Question 100 - Growing your tree - the basics



Using these methods we can build more complex waste movements. In the example shown we have 1,000t of co-mingled waste sent to a MRF, and all the subsequent outputs and destinations of this waste.

At the top level is the MRF, with 1,000t input.

Under this we have some reject sent to landfill, with the name of the landfill.

We also have some reject sent to incineration, with the name of the incinerator and destination of any bottom ash.

Also shown are the reprocessors that recycle is sent to, including any subsequent rejections at these facilities.

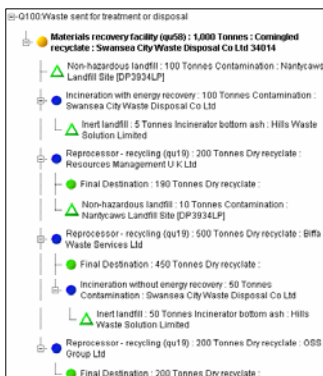
Later in the guidance are examples of how some waste movements should look in Q100.

## Question 100 - Growing your tree - Tips

### Mighty Oaks

The more you use Q100 the larger it will get, so it is important to get things in a logical order, you can also use the '+' and '-' buttons to condense parts you have completed:

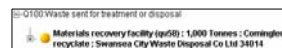
From this...



...to this...








...to this!



## Question 100 - Growing your tree - Tips

### What the nodes mean

-  This is a 'top-level' node that should have some outputs or be confirmed as a final destination, so may be a primary treatment facility or a reprocessor/reuse.
-  This is a 'sub-level' node that should have some outputs or be confirmed as a final destination, so may be a secondary or tertiary treatment facility or a reprocessor/reuse.
-  This is an end node where waste has been confirmed as being recycled, reused or composted. So would be found under these facility types.
-  This is an end node where waste has been landfilled so would be found where any waste is reported as going to any kind of landfill.
-  This is an warning node to let you know that you have added a Facility or Process Type that WDF expects to have some sub level outputs.

## Question 100 - Growing your tree - Tips

### What the nodes mean



This node is designed to warn you that WDF expects an output for one of your Processes/Facilities. When it disappears, WDF is satisfied that you have added some kind of output. However, it **does not** mean the data you have added is correct or balances, this should be validated manually.

## Question 100 - Growing your tree - Tips

### Loading from Previous Quarters

You can load your tree structure from previous quarters by selecting a period and clicking **Go**.

Waste Movement Tree

Load structure from Apr 10 Go

...Q100:Waste sent for treatment or disposal

- Apr 10
- May 10
- Jun 10
- Jul 10
- Oct 10

This will load a replica of the tree structure from the chosen period, with all the same branches, sub branches and destinations, but without any tonnage data, you can then add this data in.

By doing this you can slowly develop your tree to incorporate all the regular movements of your waste over the months/quarters. Building the tree is the most time consuming part of Q100, but this allows a structure to be built over time

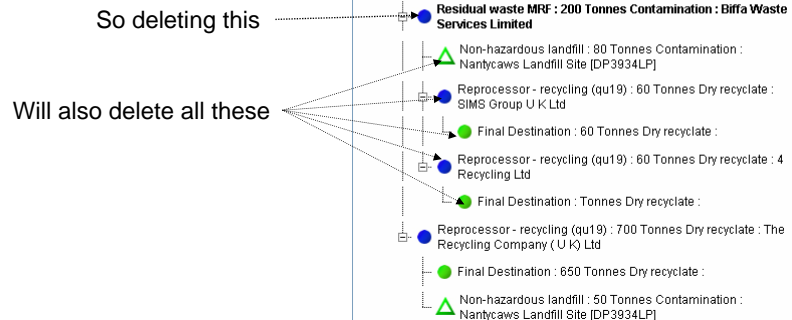
**WARNING - if you load from previous periods it will overwrite anything you have already entered this period, so do this first!**

## Question 100 - Growing your tree - Tips

### Pruning your tree

You can delete any part of your tree by clicking on it and clicking the Delete button.

**Please remember!** If you delete a part of your tree, all of its sub-branches will also be deleted:



## Question 100 - Growing your tree - Tips

### Change rather than delete

The screenshot shows two panels. The 'Waste Movement Tree' on the left shows a structure for 'Q100 Waste sent for treatment or disposal' with a tree view showing 'Non-hazardous landfill (qu52) : 10,000 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP'. The 'Waste Details' panel on the right shows fields for FacilityProcess Type (Non-hazardous landfill (qu52)), Facility Name (Nantycaws Landfill Site [DP3934LP]), Facility Address (Llandarog Road, Nantycaws, Camarthenshire SA32 9BD), Facility Licence (DP3934LP), National Facility ID (5557), Waste Stream Type (Residual waste), and Tonnes Input (10000). A 'Change' button is circled in red, and a dashed red line connects it to the text below.

You don't have to delete a facility if you are going to replace it with another of the same type.

By clicking Change, you can replace it with another facility.....

This is handy if you are loading from previous quarters, but have a one-off change to a particular destination.

## Question 100 - Growing your tree - Tips

### Avoiding Double Counting

Q100 runs parallel to the existing questions, meaning you can use one or the other. You can even use an existing question and its counterpart in Q100, as long as you are not entering tonnages twice:

#### Example 1

In this example, the same data for NonHaz Landfills has been recorded in Q52 and Q100. Data recorded in this manner **will be** double counted.

The screenshot compares two data entry screens. On the left, the 'Q52' screen shows two facility entries. The first entry is for '4325 - The County Council Of The City & Court [30235] - CF3 2HP' with a tonnage input of 1000. The second entry is for '5557 - Nantycaws Landfill Site [DP3934LP] [DP2934LP] - SA32 9BD' with a tonnage input of 3000. On the right, the 'Q100' screen shows a 'Waste Movement Tree' with two entries for the same facilities, also with tonnage inputs. A large red 'X' is overlaid on the Q100 side, indicating that this data entry method results in double counting.

## Question 100 - Growing your tree - Tips

### Avoiding Double Counting

#### Example 2

In this example, both Question 52 and 100 have been used for NonHaz Landfills, but different data has been recorded in each, so will not be double counted.

**Q52**

Number of Facilities: 1

Number of Transfer Stations per facility: 1

Limit Facilities By Type:

Name & Location of Facility: 4325 - The County Council Of The City & Count [30235] - CF3 2HP

Name / Location of any Transfer Stations used: 10063 - Neal Sol Suppliers Ltd[30347] - CF3 2EJ

Mode of Transport to facility: Road

Tonnage Input: 1000

**Q100**

Waste Movement Tree

Load structure from:

**Q100: Waste sent for treatment or disposal**

- Non-hazardous landfill (qu52) - 2,000 Tonnes - Residual waste : Nantycaws Landfill Site [DF3934LP] DF3934LP

✓

## Question 100 - Rolling up your data

Rolling up your data is the same as before however there are a couple of things to note:

Question Complete

1. Q100 **DOES NOT** have a Question Complete box, so it is up to you to ensure you have properly finished the question.

2. As you begin to use Q100 to replace certain questions in WDF, you can exclude them in the **Data Entry** page. By doing this WDF does not expect these questions to be completed when you come to roll up your data.

Question	Question Text	Status	Exclude
Q019	What is the final destination of your materials sent for recycling?	<input type="checkbox"/>	<input type="checkbox"/>

Question	Question Text	Status	Exclude
Q019	What is the final destination of your materials sent for reuse?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Q051	Tonnes of waste disposed of in inert landfill	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Q052	Tonnes of waste disposed of in non-hazardous landfill	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Q053	Tonnes of waste disposed of in hazardous landfill	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Q054	Tonnes of waste disposed of by incineration with energy recovery	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Q055	Tonnes of waste disposed of by incineration without energy recovery	<input type="checkbox"/>	<input checked="" type="checkbox"/>

3. Q19 does not have the option to exclude. If you do not use Q19, you will still have to access the question and check the **Question Complete** box.

### **Question 100 - Examples of Tree Structures**

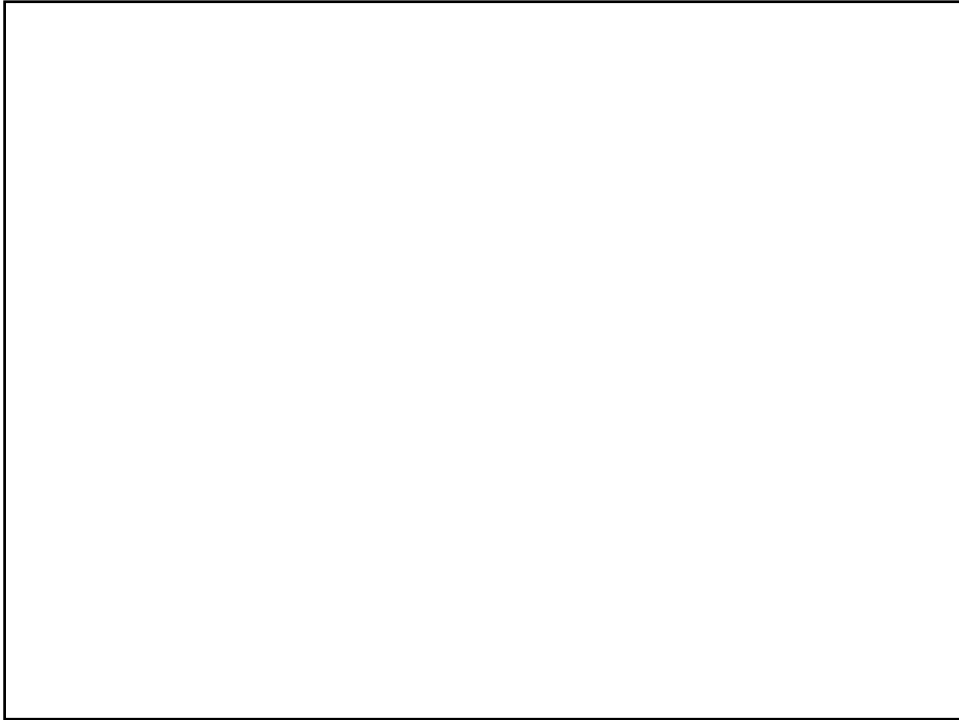
Included here are a selection of example tree structures that may suit certain waste movements.

If there are any other waste movements you would like to see an example of, please contact us on the email below and we can provide these:

[WasteDataFlowWales@environment-agency.wales.gov.uk](mailto:WasteDataFlowWales@environment-agency.wales.gov.uk)

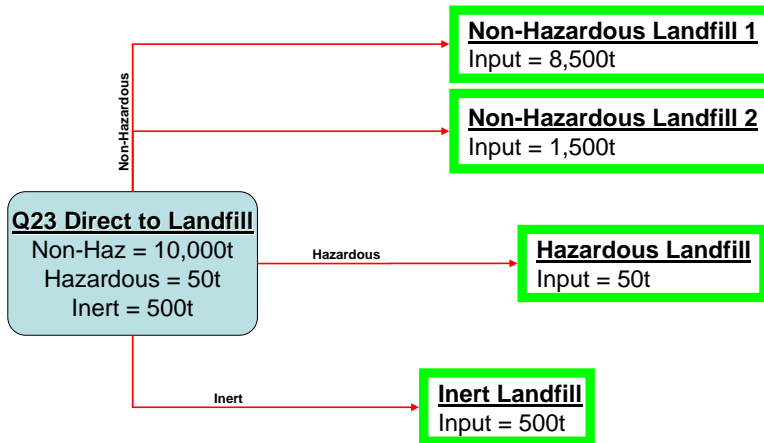
Please note the destinations selected in these example are not accurate, but just used as a guide.

You will have to provide details of material tonnages, transfer stations etc. which are not shown in these examples.





### Direct to Landfill (Waste Flow)



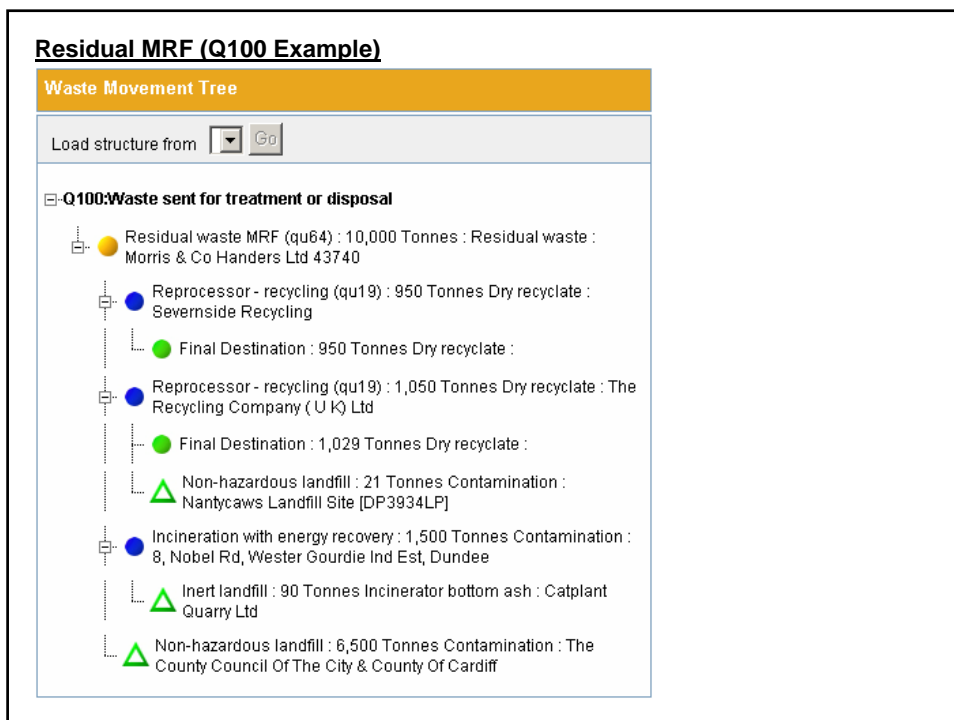
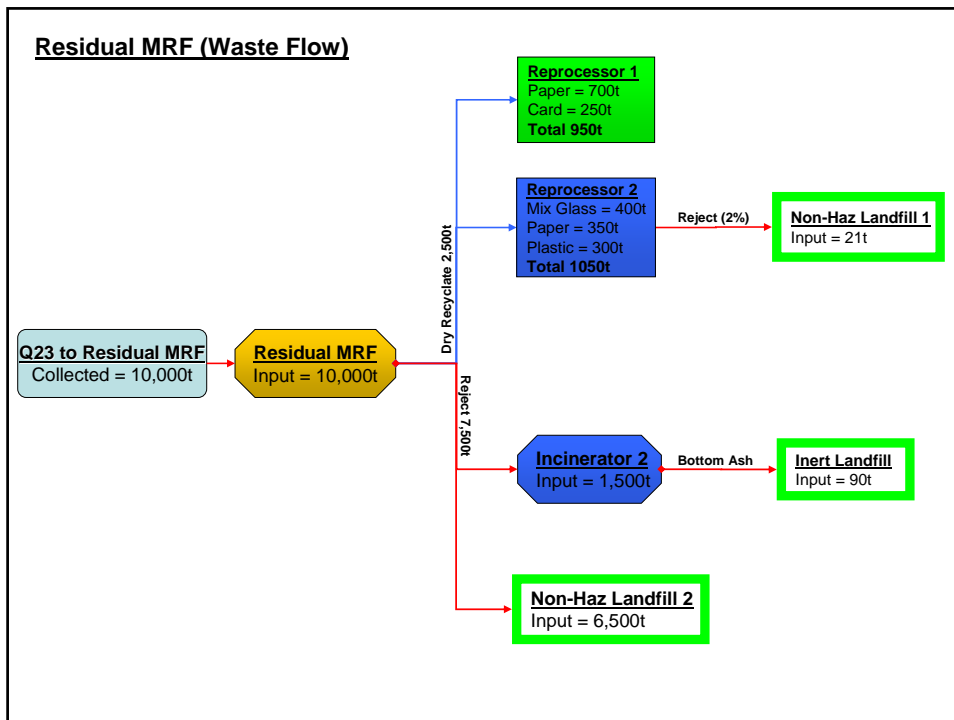
### Direct to Landfill (Q100 Example)

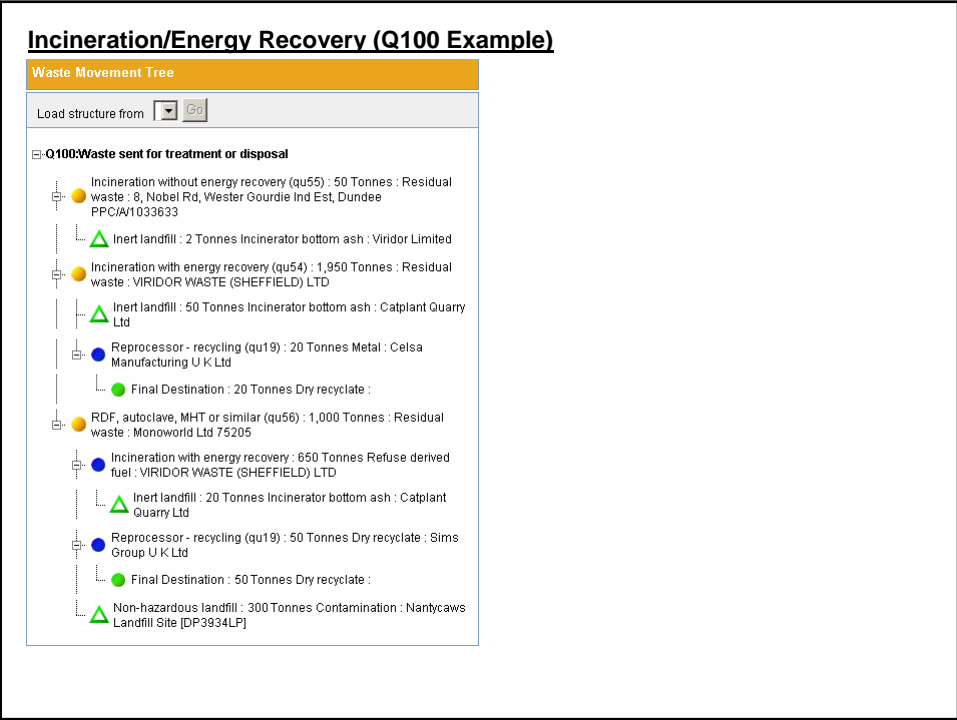
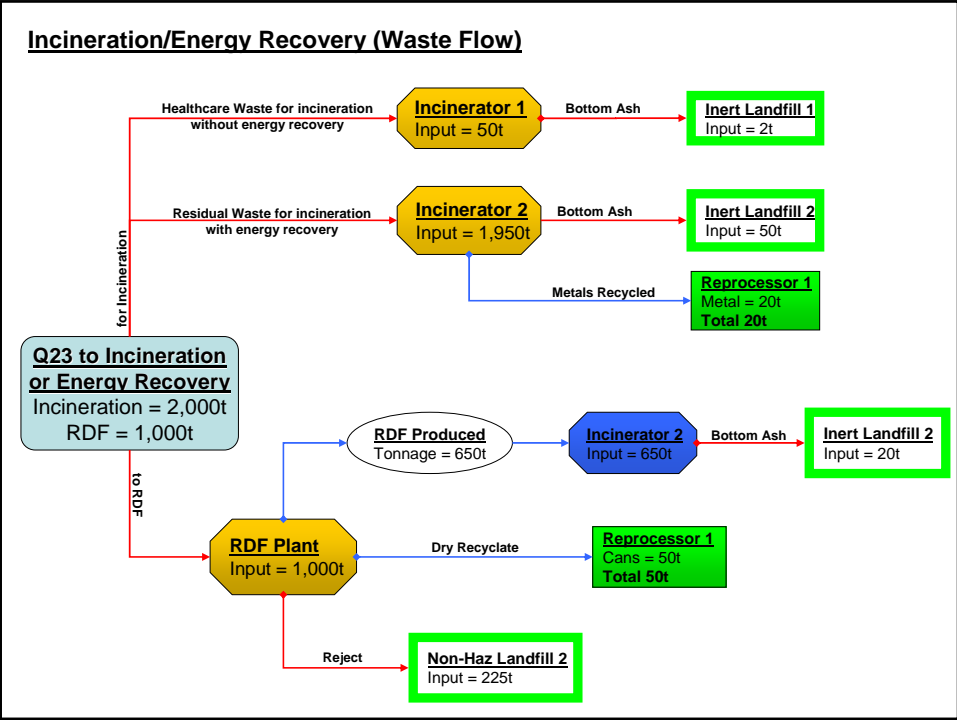
**Waste Movement Tree**

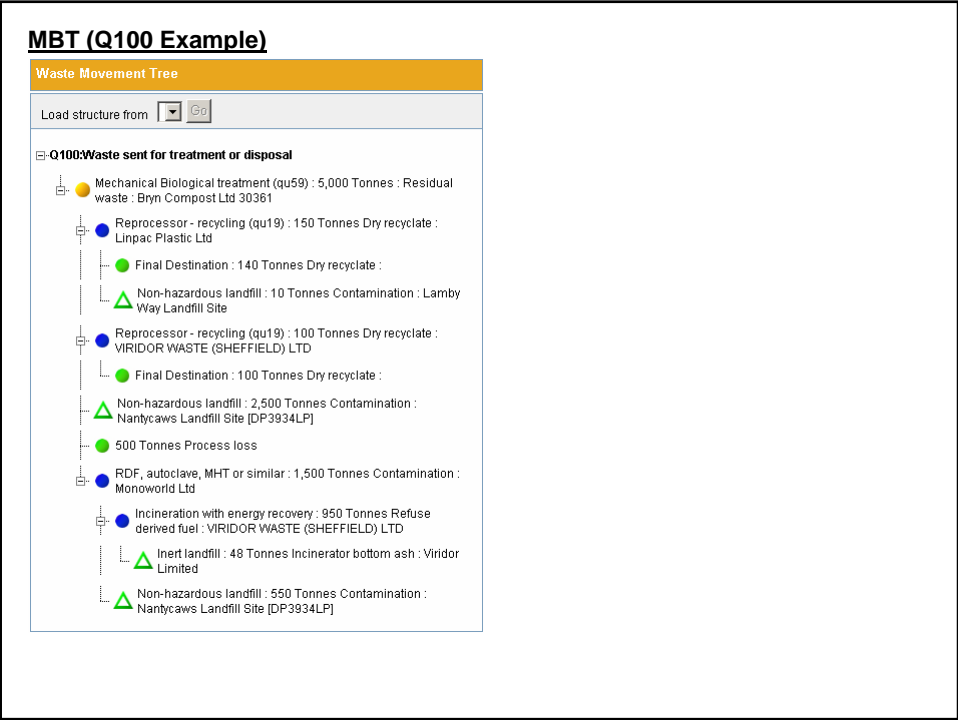
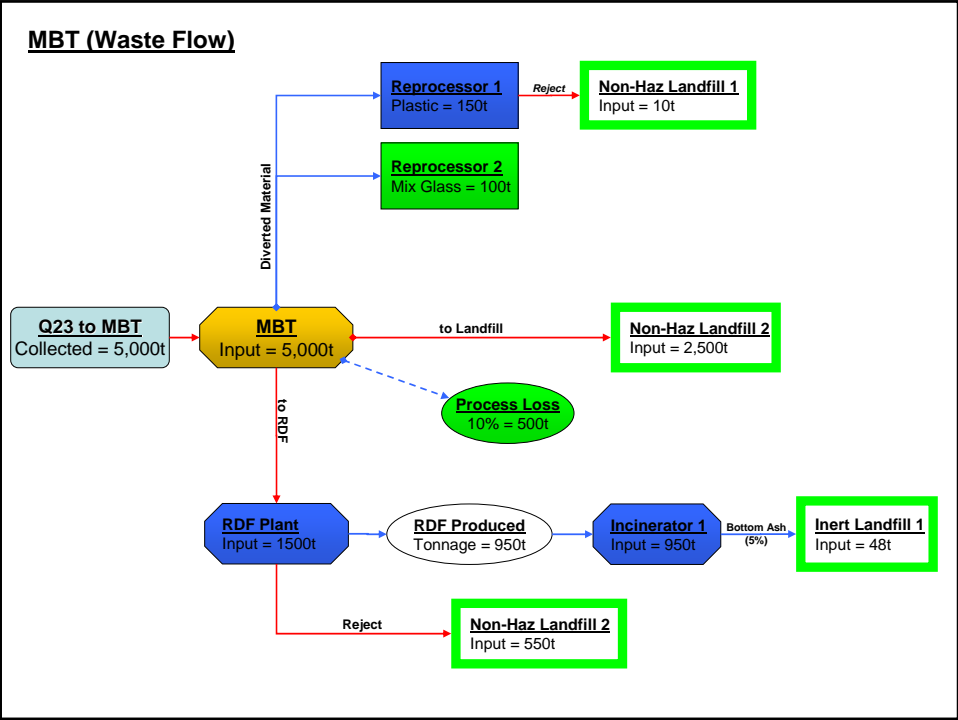
Load structure from

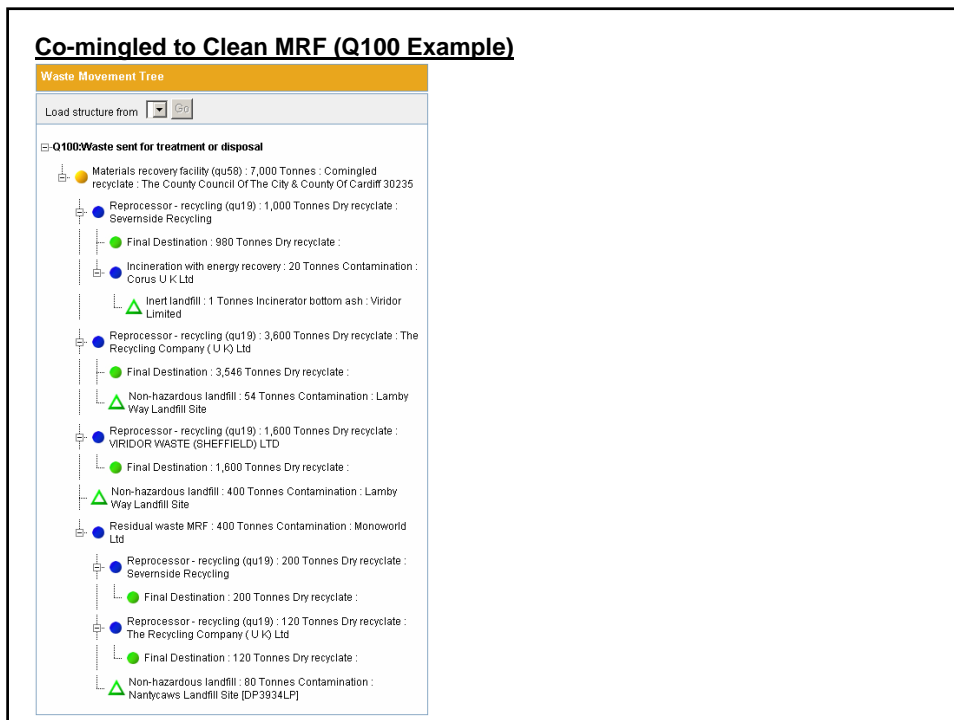
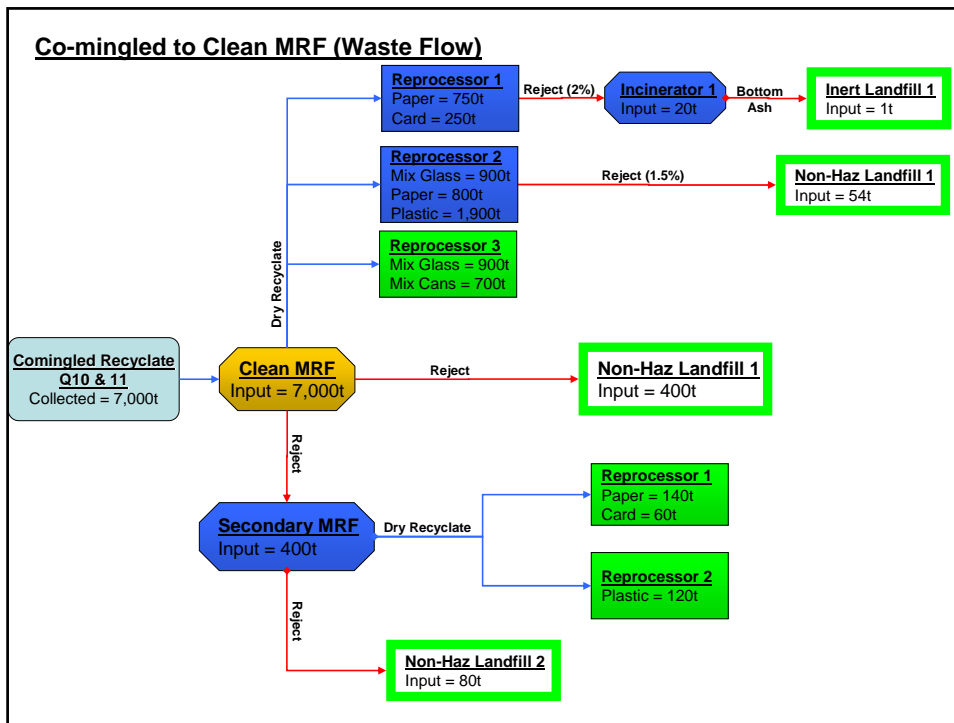
[-] Q100:Waste sent for treatment or disposal

- ▲ Non-hazardous landfill (qu52) : 8,500 Tonnes : Residual waste : The County Council Of The City & County Of Cardiff 30235
- ▲ Non-hazardous landfill (qu52) : 1,500 Tonnes : Residual waste : Nantycaws Landfill Site [DP3934LP] DP3934LP
- ▲ Hazardous landfill (qu53) : 50 Tonnes : Residual waste : Viridor Limited
- ▲ Inert landfill (qu51) : 500 Tonnes : Residual waste : Corus U K Ltd 34069

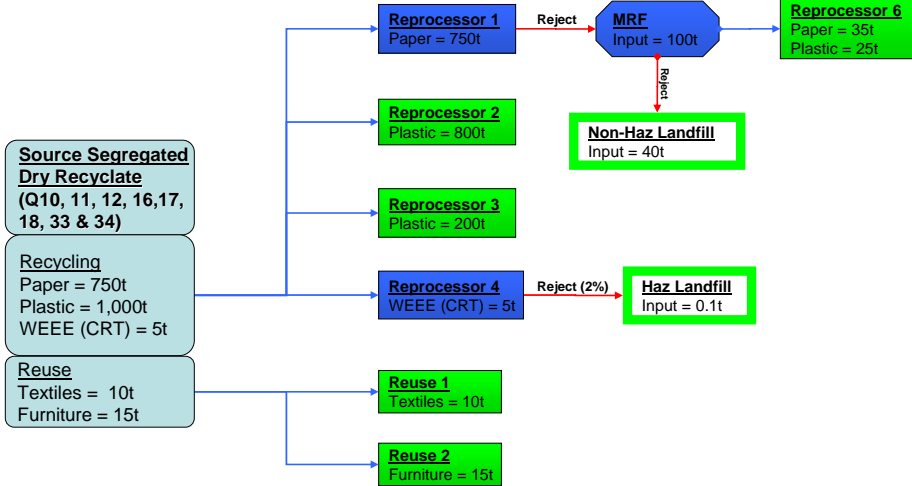




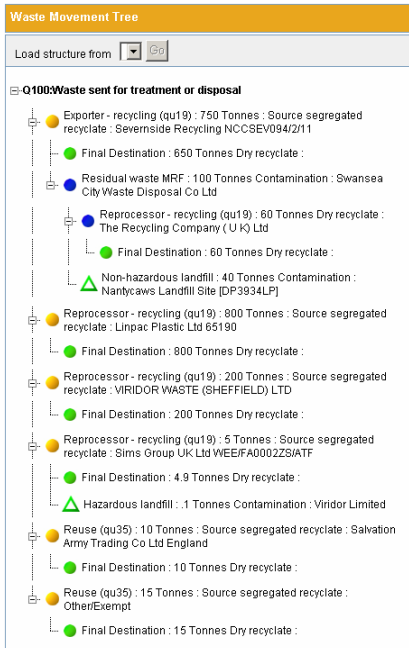


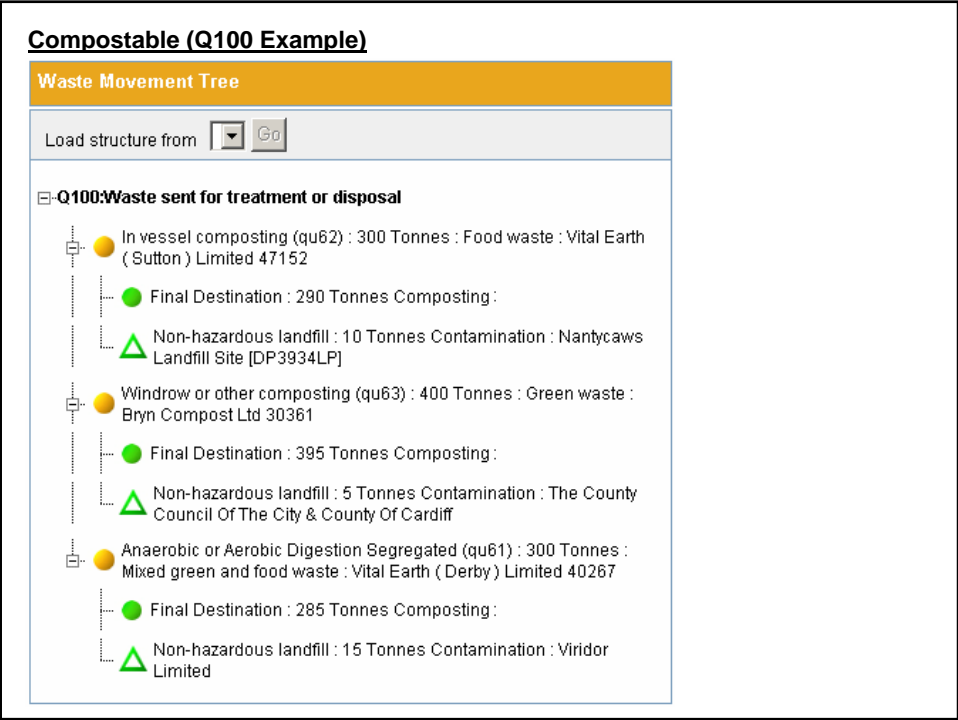
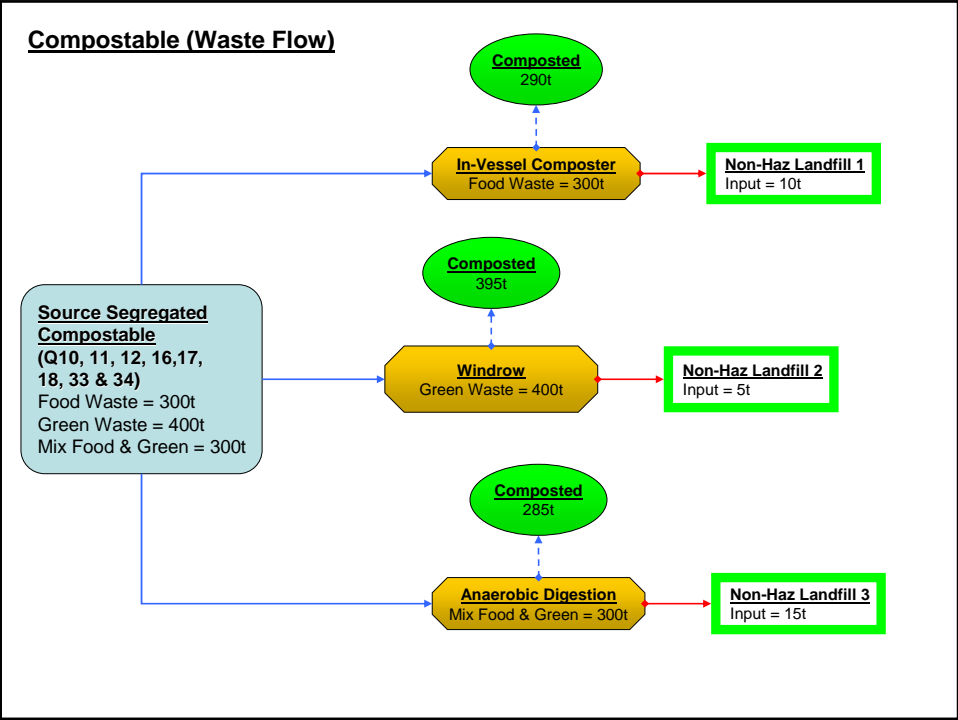


### Source Segregated Dry Recyclate (Waste Flow)



### Source Segregated Dry Recyclate (Q100 Example)





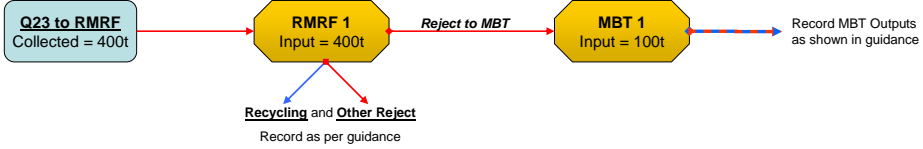
### Complex, three streams to same MBT (Waste Flow)

Unfortunately you will have to record same MBT more than once

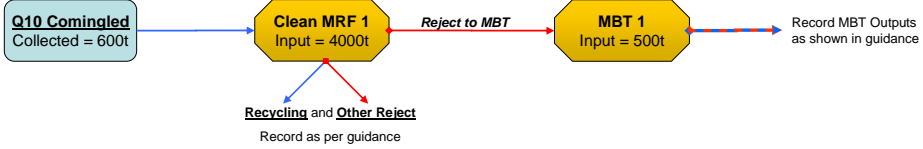
#### Direct to MBT



#### MBT via RMRF



#### MBT via Clean MRF



### Complex, three streams to same MBT (Q100 Example)

Unfortunately you will have to record same MBT more than once

**Waste Movement Tree**

Load structure from

- [-] Q100: Waste sent for treatment or disposal
  - [-] Mechanical Biological treatment (qu59) : 500 Tonnes : Residual waste : Bryn Compost Ltd 30361
  - [-] Residual waste MRF (qu64) : 400 Tonnes : Residual waste : Swansea City Waste Disposal Co Ltd 34014
  - [-] Mechanical Biological treatment : 100 Tonnes Contamination : Bryn Compost Ltd
  - [-] Materials recovery facility (qu58) : 4,000 Tonnes : Comingled recycle : The County Council Of The City & County Of Cardiff 30235
  - [-] Mechanical Biological treatment : 500 Tonnes Contamination : Bryn Compost Ltd