

<b>Summary Sheet</b>	Show	Example
	Location	Example
	Opening date	10/10/23

**Target: *Baseline***

'Advanced' shows only

Item	Source	Destination	Target Met?	Carbon
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- Start by filling in Show, Location, Opening Date, and Target (above)
- Then go through the worksheets one by one
- Then come back to this page to fill in 'Target Met?' and 'Notes'

Source		Destination	
Baseline Target	50%	Baseline Target	65%
Intermediate Target	75%	Intermediate Target	80%
Advanced Target	100%	Advanced Target	100%

• For principal new set materials

<b>Sets and Scenery</b>	weight (kg)	0	% from reused or recycled	n/a	% reused or recycled	n/a	#VALUE!	CO2e
<b>Props and Furniture</b>	weight (kg)	0	% from reused or recycled	n/a	% reused or recycled	n/a		
<b>Costumes</b>	weight (kg)	0	% from reused or recycled	n/a	% reused or recycled	n/a		
<b>TOTAL</b>	weight (kg)	0	% from reused or recycled	#VALUE!	% from reused or recycled	#VALUE!		

Notes


<b>Sets and Scenery</b>	Show	Example
	Location	Example
	Opening date	10/10/23

**Target: Baseline**

**Carbon ('Advanced' shows)**

Item
<ul style="list-style-type: none"> <li>• Use tables below to assess weights of each material or component</li> <li>• Estimate weight if necessary</li> <li>• In columns I and M, copy the appropriate score 1-5 into the form</li> </ul>

Source	
Hired / reused from venue or locally	1
Hired / reused from elsewhere	2
Repurposed / net zero materials	3
Low carbon raw materials	4
Virgin & raw materials	5

Destination	
Stored, donated or sold locally	1
Stored, donated or sold elsewhere	2
Materials recycled or repurposed	3
Burnt as biomass	4
Landfill	5

Aggregate
1-4: Excellent. Ensure disposal
5-9: Good. Can this be improved?
10-12: Acceptable. Can this be improved?
15-16: Bad. Can this be improved?
20-25: Unacceptable. Can this be improved?

**Impact of principal new materials only**

- Only fill in for timber and metal materials rated (4) or (5).
- Copy the tCO2e/kg from the data below

Material or item	Material	Notes	Weight (kg)
6mm Ply 1200mm x 2400mm	Birch Ply	Local Supplier	7.48

Source	Transport	Score
Storage	3 tonne truck	3

Destination	Transport	Score
Workshop	3 tonne truck	3

9
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

tCO2e/kg	tCO2e
	#VALUE!
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0

TOTAL QUANTITY (kg)	0
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% from REUSED OR RECYCLED	n/a
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% REUSED OR RECYCLED	n/a
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tCO2e	#VALUE!
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<i>Baseline Target</i>	50%
<i>Intermediate Target</i>	75%
<i>Advanced Target</i>	100%

<i>Baseline Target</i>	65%
<i>Intermediate Target</i>	80%
<i>Advanced Target</i>	100%

### New Materials data

• Fill in quantities, then copy the outlined cells into the table above

**Sheet materials**

	<b>total kg</b>		
MDF board		5	
Certified European plywood		4	
Uncertified European plywood		5	
Certified non-European plywood		4	
Uncertified non-European plywood		5	

**Timber**

	<b>volume (m3)</b>	<b>weight per m3 (kg)</b>	<b>total kg</b>		
Certified European softwood		400	0	4	
Other softwood		400	0	5	
Certified European hardwood		675	0	4	
Other hardwood		675	0	5	

**Metal**

	<b>total kg</b>		
Recycled steel		4	
Raw steel		5	
Recycled aluminium		4	
Raw aluminium		5	

### Weight and Volume Calculators

**Sheet material weight calculator**

	<b>no. of sheets</b>	<b>weight per sheet (kg)</b>	<b>total kg</b>
MDF 10x4 6mm F/P		17.0	0
MDF 10x4 9mm F/P		23.0	0
MDF 10x4 12mm F/P		29.5	0
MDF 8x4 18mm N/F/P		41.4	0
MDF 10x5 18mm N/F/P		57.5	0
Birch plywood 8x4 4mm EURO C		8.3	0
Birch plywood 8x4 6mm EURO C		12.5	0
Birch plywood 8x4 9mm		18.8	0
Birch plywood 8x4 12mm		25.0	0
Birch plywood 8x4 18mm		37.5	0
Birch plywood 10x5 18mm		50.0	0
WISA plywood 8x4 18mm N/F/P		25.0	0
Softwood plywood 8 x 4 4mm		6.3	0
Softwood plywood 8 x 4 6mm		9.4	0
Softwood plywood 8 x 4 9mm		14.0	0
Softwood plywood 8 x 4 12mm		18.7	0
Softwood plywood 8 x 4 18mm		28.0	0

**Timber volume calculator**

<b>overall length (mm)</b>	<b>w (mm)</b>	<b>h (mm)</b>	<b>m3</b>
	50	25	0
	75	25	0
	150	25	0
	75	32	0
	50	50	0
	75	50	0
	100	25	0
			0
			0
			0
			0
			0
<b>total m3</b>			0

**Steel weight calculator**

• If invoices show weight of steel, fill this in directly in the box above. Otherwise, use the table below to calculate overall weight.

	no.	weight (kg)	total kg
15.88 x 1.5 ERW (Circular)		3.22	0
47.6 x 2 ERW		13.84	0
30 x 1.5 ERW		6.40	0
80 x 40 x 2 (square/rectangular)		21.35	0
80 x 40 x 3 RHS (Round Hollow Section)		24.50	0
20 x 20 x 1.5 ERW		4.17	0
25 x 25 x 1.5 ERW		5.30	0
40 x 20 x 1.5 ERW		8.23	0
40 x 40 x 1.5 ERW		8.68	0
40 x 40 x 2.5 SHS (Square Hollow Section)		21.97	0
48.3 x 4 CHS (Circular Hollow Section)		17.77	0
40 x 6 flat bar (solid)		11.75	0
50 x 25 x 1.5 ERW		10.49	0
		<b>total kg</b>	<b>0</b>

**Aluminium weight calculator**

• If invoices show weight of aluminium, fill this in directly in the box above. Otherwise, use the table below to calculate overall weight.



<b>Costumes</b>	Show	Example
	Location	Example
	Opening date	10/10/23

<b>Target: Baseline</b>
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Item	Source	Destination	Aggregate
<ul style="list-style-type: none"> <li>• Estimating weight if necessary, using a weights table</li> <li>• Copy the appropriate score into the form</li> </ul>	Hired / reused from venue or locally	1	1
	Hired / reused from elsewhere	2	2
	Repurposed / net zero materials	3	3
	Low carbon raw materials	4	4
	Virgin & raw materials	5	5
	Stored, donated or sold locally	1	1-4: Excellent. Ensure disposal
	Stored, donated or sold elsewhere	2	5-9: Good. Can this be improved?
	Materials recycled or repurposed	3	10-12: Acceptable. Can this be improved?
	Burnt as biomass	4	15-16: Bad. Can this be improved?
	Landfill	5	20-25: Unacceptable. Can this be improved?

Item	Material	Notes	Weight (kg)	Source	Transport	Score	Destination	Transport	Score	
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0
										0

<b>TOTAL QUANTITY</b>	<b>0</b>	<b>% from REUSED OR RECYCLED</b>	<b>n/a</b>	<b>% REUSED OR RECYCLED</b>	<b>n/a</b>
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<b>Baseline Target</b>	<b>50%</b>	<b>Baseline Target</b>	<b>65%</b>
<b>Intermediate Target</b>	<b>75%</b>	<b>Intermediate Target</b>	<b>80%</b>
<b>Advanced Target</b>	<b>100%</b>	<b>Advanced Target</b>	<b>100%</b>

**Weights data**

• Use the examples below to estimate the weight of each costume

Male costumes