

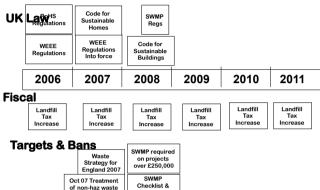
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€A₽′EM	COMPASS

# Apprentice Centre

Recycling lives Waste Minimisation & Management

### Key Legislative Drivers Timeline



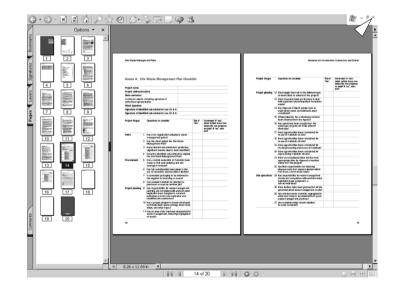


Datasheet to be

completed

before landfill





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	e e						
	<u>.</u>		Site Waste Manager	nent P	lan Checklist¶		
	Project nam	•1	0		0		
	e Project addr	essAc	cation¶ P				
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	Client signal		D		0		
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	Project-		Questions to considere	Tickif	Comment 1		
	Stagese			'Yes'o	#-iyes', what sotion have you taken/do you propose to take?¶ #-ino', why not?»		
	Policy®	10	Has your organisation adopted a wastermanagement policy?*	0e	° 0	<pre></pre>	$\sim$
	9	20	Has the client signed the Site Waste Management Plan?=	0e	0		
	a	30	Have relevant sub-contractors producing significant- wastes steams been identified?9	0e	•		
	0	40	Have the identified sub-contractors signed the Site- Waste Management Plan?n	Ge	° 0		
	ff Project-	0	Ruestions to considere	Tickif-	Comment:1		
	Stagesa			'Yes'e	If 'yes', what action have you taken/do you propose to take? If 'ho', why not?e		
	Procureme	5.	Has a careful evaluation of materials been made so that	00	e 0		

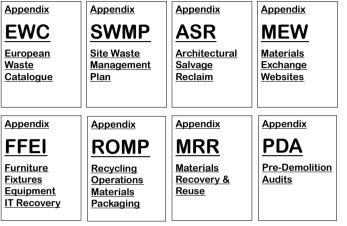
			Site·Wa	iste	Manage	ment∙Plar	•data•sheet	1					
Project-name=					×								
Project-address	ocation¶				п								
Main-contractor=					<b>n</b>								
Person-responsi	ble for waste managem	ent on site	(name and job ti	tte)=	8								
Person and company completing this form, if differents					<u>n</u>								
1		-											
Types of waste a	arising (add more rows)	fneeded):	(darker-grey ton	esugge	sts unnecessar	, unlikely or under	sirable) white spaces a	are-possible-opt	tions=				
Waste-group=	Material¤					Qu	antity (in m³)¤						
	a	Retain- insitu¶ and- reuse=	Remediate or repair insitu¶ and reuse¤	Re- use- on- site=	Re-use-off- site¶ Wastel- materials- exchange=	Segregate-to Recycle-or- recover on site=	Segregate to recycle off-site, off- cut take back collection-scheme¶ Return to producer		Disposal-to- WML- exempt-site=	Reduce Hazard¶ then- lancfill∞	Disposa to landfil		
Inert∝	Clean-Subsoil*	ш		п		a	8			ш			
R.	Clean-Sand«	10		ji ji	H	α	N .	<b>µ</b>	н	×	10		
R	Clean-Gravels×	8	8	2	я	a	8	я	я	8	8		
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я	Green-Waste=	10	8	я	я	Composte	10	8	8	я	я		
8	Untreated-timber=	12	8	я	я	-	8	8	8	10	я		
н	Lime-mortar, render, paint, Limecrete×	10	-	и		10	н		н	а			
a	Mixed-Metals=	10		12	#	×	10	8	<b>H</b>	n	Full Scree		
	Office paper«	10	-	п	11		10		н	n	Close Full S		

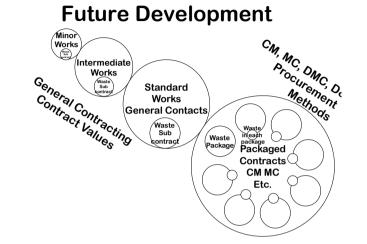
Project∙ Stages¤	п	Questions to considem	Tick· if· 'Yes'¤	Comment:¶ If-'yes',-what-action-have-you-taken/do-you-propose-to-take?¶ If-'no',-why-not?¤
Procurement¤	5¤	Has a careful evaluation of materials been made so that over- ordering and site wastage is reduced?¶ How are materials procured?¶ Who procures the materials?¶ Does this affect 'ownership' and wastefulness?¶ How agy usage or wastage % of materials estimated?«	0=	Provide Outline Bill of Quantities¶ Provide Contractors Buying department remeasure¶ Workshop to compare and decide¶ Provide Manufacturer's supply batch quantities/product iterature¶ Workshop to Determine manufacturer supply-batch quantities, compare- predict waste, suggest opportunities to reduce
Π	5A¤	Has attention been paid to minimising waste through the design process? Are the designers involved in the SVMIP workshops? Acknowledgement of standard sizes? Avaraness of minimum orders? Choice of material, minimising different types? Simplification of construction? Has provision for tonge been made in the design for spares for onging maintenance of the building?	2	Provde Manufacture's technical Herature on products¶ Workshop to review and highlight high waste quantities=
n	6*	Has full consideration been given to the use of secondary and recycled materials <sup>1</sup> (1) Are materials from alteration or demoltion works recyclable during the project to return to the site as new product <sup>1</sup> Consider temporary and permanent works <sup>1</sup> Ensure specification does not exclude recycled <sup>1</sup> Check vach trade or works package <sup>1</sup>	0=	Provide Outline or Full Space or Bill of Ourstrikes or annotated drawings Workshop to review space or Bill of Ourstrikes or annotated drawings Provide WRAP Reference Guides on recycled materials Provide Line website access with links to recycled materials or products AgeRegain, WRAP, Recoup, Ecconstruction, org, NSC Stremspace Workshop to compare, comment, and offer improvement opportunities
Full Screen V Gose Full Screen	7=	Is unwark do packaging to be returned to the supplier for recycling or re-user Have all take-back, use or return, return to stock schemes been investigated of A se systems in place to enable return of pallets and packaging- or multiple delivery terms?*	0=	Provide micromation are manufacturers with packaging take back echnes Provide NOS GreenSpec APP ROMP Recycling Opportunities materials Provide Simonse Guide to packaging Provide Environies Guide to packaging Workshop to determine quartifies of packaging Workshop to determine routs to reage or recyclinge

### Assembly in Project Specification

Specification C20 Demolition/	Specification C21-	Specification C91 Alteration	Specification D10- D19
Deconstruction Resource Recovery	C90 work on existing buildings	Resource Recovery Waste minimisation	Earthwork Foundations
Specification D20	Specification D21-	Specification Q29	Specification R10-
Excavation Resource Recovery Waste minimisation	Q28 <u>New-build</u> <u>Structure</u> Landscape	Landscape <u>Resource</u> <u>Recovery</u> <u>Waste</u> minimisation	Z31 <u>Services</u> <u>Reference</u> Sections

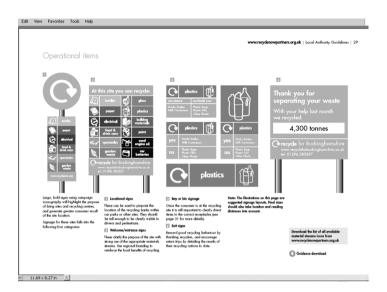
### **Assembly in Project Specification**

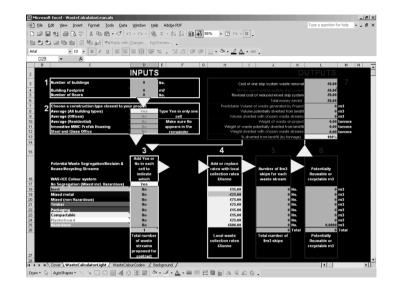




				www.recydenowpa	rtners.org.uk   Locol /	Authority Guidelines   1
Material streams						
If we are to engage consumers and encourage better recycling behaviour, it is essential that material streams signage of bring sites and household recycling centres includes clear, legitie and positical loyouts with consistent and detect colouring.	C.	<b>C</b> •	<b>()</b>	•_	deor glass	
The colours detailed have been tested for usability, visibility and consumer engagement. They are suitable for use across the various print and digital processes.	Postose 130 C Process 0 30 100 0 Web #FDB812 BAL 1003 Viral 50.28 Apricot	Postone Worm Red C Process 0 90 100 0 Web #EE3F22 RAL040 50 70 Vml 70.41 Worm Red	Postore 300 C Process 100 30 0 0 Web #0089D1 RAL 5015 Visyl 50.84 Apre Bise	Postose 3272 C Process 100 0 45 0 Web #00A9A4 RAL 100 60 45 Visul 70.795 Dark Ageo	Postone 3272 C Process 100 0 45 0 Web #08A8A4 RAL 100 60 45 Virol 70.795 Dark Ageo	Postoae 4645 C Process 30 50 60 0 Web #87386E R4L 060 60 20 Vanil 100.39 Ton
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Download the list of all available material streams icons from www.zecydecowpartners.org.uk					







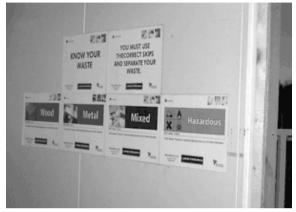




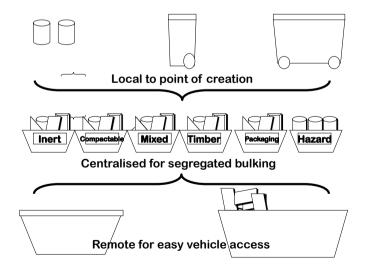
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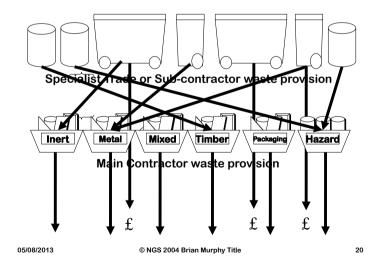
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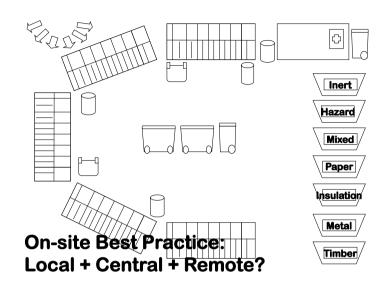
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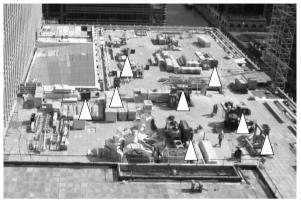


Colour code Poster Campaign



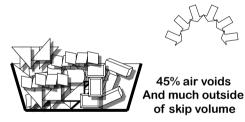






### **Local Waste Segregation**

Each sub-contractor responsible for own waste Each generating different waste to each other Isle of Dogs Canary Wharf © NGS

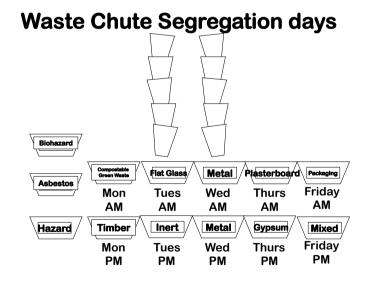


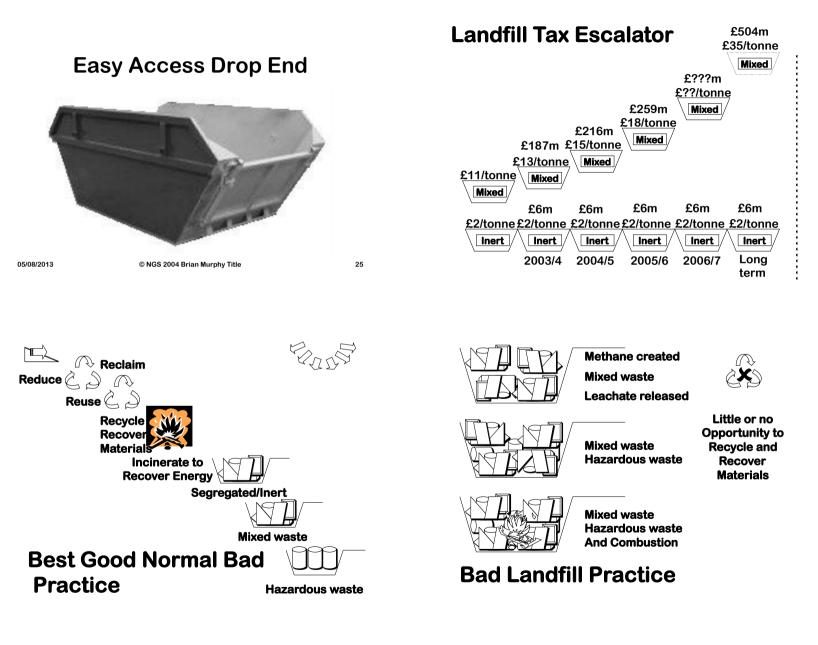
**On-site Poor Practice: Filling** 

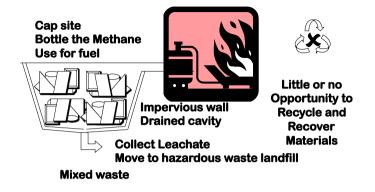


Well filled

**On-site Best Practice: Filling** 







### **Better Landfill Practice**

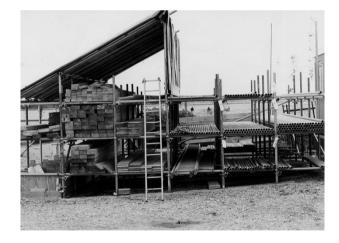
### Materials Protection:

Full hbmpp scheme No absorbent surfaces Corner Protection Stability bracing Moisture control But: Rain Cover needed Not Remote storage Not off the ground Not JIT but JIC



BedZED Beddington Sutton Architect: Dr Bill Dunster





35



Greenwich Millennium Village © NGS







Discharge Luminaires Purpose made waste collection container

© NGS 2009 Brian Murphy







40% Airspace in skips Any new build site across the country (GMV Phase 2 a) © NGS



Remote Waste Segregation Greenwich Millennium Village Phase 2a © NGS









Title

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Rear End Loaders & 4 Wheel bins



REL Rear End Loaders



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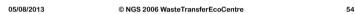
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CAPEM COMPASS







- Brian Murphy BSc Dip Arch (Hons+Dist)

  Architect by Training
  Specification Writer by Choice

  Greening up my act since 1999
  Founded National Green Specification
- 2001
- Launched <u>www.greenspec.co.uk</u> 2003
- Created: NGS at www.greenspecdownload.co.uk 2012 • E BrianSpecMan@aol.com
- Twitter: http://twitter.com/brianspecman
- Scribd: www.scribd.com/brianspecman
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## Feedback

- These files are created by generalists with a big dollop of green flavour
- These files are updated from time to time
- We are not experts so from time to time these file may get out of date or may be wrong.
- If you feel that we have got it wrong please let us know so we can put it right.