

Biffaward Programme on Sustainable Resource Use

This report forms part of the Biffaward Programme on Sustainable Resource Use. The aim of this programme is to provide accessible, well researched information about the flows of different resources through the UK economy, based either singly, or on a combination of regions, material streams or industry sectors.

Information about material resource flows through the UK economy is of fundamental importance to the cost-effective management of resource flows, especially at the stage when the resources become 'waste'.

In order to maximise the Programme's full potential, data will be generated and classified in ways that are both consistent with each other, and with the methodologies of the other generators of resource flow/waste management data. In addition to the projects having their own means of dissemination to their own constituencies, their data and information will be gathered together in a common format to facilitate policy making at corporate, regional and national levels.

Further information on the Programme is available at www.biffaward.org/studies.

Mass Balance Reports

Geographical	Sector	Material
<i>Completed</i>		
Isle of Wight (e) (w) (bw) www.bestfootforward.com/reports.html	Agricultural Report (Marcus Hodges) (e) (bw)	Carbon UK Report (e) (w) www.eci.ox.ac.uk/lowercf/carbonuk.html
City Limits Report (London) (e) (w) (bw) www.citylimitslondon.com	Agricultural Waste Report (C-Tech) (e) (w) www.ctechinnovation.com/publications.htm	UK Tyres Report (Viridis) (e) (w) (bw) www.trl.co.uk/viridis/1024/mainpage.asp?page=71
Mass Balance UK book (e)	Construction Report (Viridis) (e) (w) (bw) www.trl.co.uk/viridis/1024/mainpage.asp?page=71	European Tyres Report (Viridis) (e) (w) www.trl.co.uk/viridis/1024/mainpage.asp?page=111
Mass Balance UK book 2 (e) (w) www.forumforthefuture.org.uk/publications/Massbalance_page1478.aspx	BedZed Construction Report pt1 (e) (w) (bw) http://www.bioregional.com/retail/customer/product.php?productid=13&cat=&page=&PHPSESSID=2e3b7e79e38727051427ca0968eadd01	Chemical Report (e) (w)
South East Report (e) (w) www.takingstock.org	4sight – Rocks to Rubble – eco-region (e) (w) (bw) www.4sight.org.uk/	Thermal Methods Report (e) (w) (bw) www.ctechinnovation.com/publications.htm
Northern Ireland Report (e) (w) www.northern-limits.com/	Public Sector Report (Waste Watch) (e) (w) www.wastewatch.org.uk/research/view_research.aspx?id=3	PIRA Packaging Report (e) (w) (bw) www.pirapaper.com/pack/pdfs/massflow.pdf

Scotland Report (e) (w) www.scotlands-footprint.com/	Solvent Waste in UK Furniture Manufacturing Industry (e) (w) www.bfmenvironment.co.uk	Benchmarking Wood Combustion
Wales Report (e) (w) www.walesfootprint.org/policy/index.htm	Exhibition Industry (e) (w) www.envirobiz.co.uk/projects.html#sex	Large Scale Glass Manufacture (e) (w) http://www.britglass.org.uk/Files/UKGlassManufactureAMassBalance.pdf
South West	Greening Britain's Schools (w) www.environmentcentre.com/siena.html#Projects	Sustainable Timber Waste
	Publishing (w) www.pirapaper.com/pack/pdfs/UK_Publishing_Mass_Balance.pdf	Furniture Packaging Optimisation (e) (w) www.fira.co.uk/scripts/runisa_107k.dll?fira:membershome
	Electricity Report (e) (w) www.ctechinnovation.com/publications.htm	Plastic Report (e) (w) www.plasticsintheuk.org/
	Foundry Report (e)(bw)	Sustainable Markets for Waste Glass from Fluorescent Tubes and Lamps
	UK Status Report on Waste from Electrical & Electronic Equipment (ICER)	Paper
	Mass Balance Study into Waste Arisings from the Food & Drink Processing Industries (e) (w) www.ctechinnovation.com/foodprocessing.pdf	Material Flows of Iron, Steel and Aluminium (e) (w) www.psi.org.uk/research/project.asp?project_id=92
	National Health Service (e) (w) www.materialhealth.com/	Civil Engineering Application of Tyres (Viridis) (e) (w) www.trl.co.uk/viridis/1024/mainpage.asp?page=113
	Financial Sector (e) (w) www.wastewatch.org.uk/research/downloads/RethinkingWasteManagementToReapRewards1.pdf	Packaging Report (e) (w) http://www.piranet.com/conf/packaging's_place.pdf
	Newspaper Report (e) (w) www.newspaper.paisley.ac.uk/chemistry/home/environmental/projects/newspaper/nieti_massbalance.htm	Glass (e) (w) www.britglass.co.uk/localauthorities/environment.html
	UK Paper & Board Industry	Transport Options for Waste in Scotland www.trl.co.uk/viridis/static/projects/WasteStreams/VR7.pdf
	Ceramics Industry	Farm Packaging Waste (e) http://www.biffa.co.uk/files/pdfs/RRF(FARMWASTE)ULTIMO.pdf
	Magazines Sector (e only)	Methane
	Automotive (e) (w) www.trl.co.uk/viridis/1024/mainpage.asp	
	Benchmarking Wood Waste Combustion in the UK Furniture Manufacturing Sector (e) (w) http://www.bfmenvironment.co.uk/	
<i>To be completed</i>		
Ecological Budget UK (WWF), regional series	Poultry	Embodied Wood: The UK Mass Balance and Efficiency of Use
South West	Pigs	Mass Balance & Scenario Analysis for UK Clothing & Textiles

		Nitrogen
Key: (e) = available electronically (ie as pdf); (w) = website link available (www.massbalance.org); (b) = available from Biffa website (www.biffa.co.uk/massbalance/)		