

Importing batteries in EU Member States

Environmental requirements

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1. European Legislation
2. National Legislation
3. Battery Directive in preparation
4. Economic Instruments
5. Environmental marking
6. Legal obligation extensions
7. Conclusions
8. Useful addresses

- Waste electrical and electronic equipment (WEEE)(CP)
- End of life vehicles (ELV)
request high recovery and recycling rates by Dec.2005


















High recycling rates (*) (2006 and beyond 2008)

Applications	2006	2008	2015
Small Appliances	50%	--- (%)	
IT/Telecom/TV-Audio-Video	65%	--- (%)	
Large Household Appliances	75%	--- (%)	
Vehicles (4 wheels <9 seats)	80%	---	85%

(*) % by an average weight per appliance
(Not clear if the battery weight is included)

WEEE collection program implementation in EU Countries

S A F T

Countries	Year	Names	Web Site
 A	Private (W)	Rumpold AG	www.rumpold.at
 B	2000 (W&B)	Recupel	www.recupel.be
 DK	1999	Local authorities	www.mem.dk
 FL			
 F		Screlec	www.screlec.fr
 D	Private	Trienikens	www.trienikens.de
	Private	Von Roll	www.vonroll-mbb.de
 G			
 I			
 Lux.	1995 (W&B)	Superdreckskescht	www.superdreckskescht.lu
 P			
 SP			
 S	2000 (W&B)	El Kretsen	www.branschkansliet.se
 NL	1998 (W&B)	N.V.M.P.	www.nvmp.nl
 UK			
 IRLD Rep.			
 N		"OEM Collection"	
 CH	1998 (W&B)	SWICO	www.swico.ch

(W) White Goods (B) Brown Goods

- Existing European legislation : EC/1991/157
 - 15 Member States concerned
- The 1991/157 Directive requires:
 - the separate collection of batteries containing Hg, Cd and Pb
 - the marking with the following information (EC/93/86)
 - Crossed Out Dustbin
 - Chemical Symbols (Hg, Cd or Pb)
- No collection target but collection programs are requested from MS
- Recent Directive on mercury weight limits in batteries (EC/98/101)

2 - EU Member States Legislation on batteries

Country	Legislation	Collection		Economic instruments
		All	Directive batteries (Hg, Ni-Cd, Pb)	
Austria	Ordinance 514/1990	X		According to battery weight
Belgium	Royal Order F96-989	X		Levy of 5BF per unit
Denmark	Order 13/12/93 - BEK 1061 (Pb)		X	Levy Ni-Cd: DKK6/cell; DKK36/pack
Finland	Govt Decision 105/95		X	
France	Decree 99-374	X		by weight and type
Germany	Battery Decree 27/3/1998	X		by weight and type
Greece	Decision 73537/1438		X	
Ireland	Statutory Instrument 262, 1994		X	
Italy	Decree 475/1988, 476/1997		X	
Luxembourg	Regulations of 23/5/95		X	Fee included in Municip. Waste Mgt.
Netherlands	Battery Decree 1993/1995	X		by weight and type
Portugal	Decree 30/11/00	X		
Spain	Royal Decree No. 451/1996		X	
Sweden	Ordinance 1997:645 Valid 10.99	X		Levy: Ni-Cd SEK 300/kg; Starter batteries : SEK 30
UK	Statutory Instrument 232, 2/2/94.		X	

Country	Legislation	Collection		
		All	Directive batteries (Hg, Ni-Cd, Pb)	Ni-MH, Li-ion
Norway	Reg. 17/07/90 and 13/09/94		X	X
Switzerland	Bat Ordi 1998	X		

More info on National Legislation : www.collectnicad.org/legislation

CEEE Country	Legislation	Collection		
		All	Directive batteries (Hg, Ni-Cd, Pb)	Ni-MH, Li-ion
Czech Rep.	Act. 15 May 2001	X		
Hungary	9/2001 decree	X		
Poland	Act. 11 May 2001	X		
Slovakia			X	

- Draft European Directives on:
 - Spent batteries (all types)
 - Timing: December 2005
 - Collection targets as % of spent batteries (by weight)
 - Recycling target as % of spent batteries collected (by weight)

Batteries	Collection	Recycling (Material reuse)
Household (portable)	75%	55% average (*)
Business to business (industrial)	95%	

(*) minimum for Pb-acid and Ni-Cd

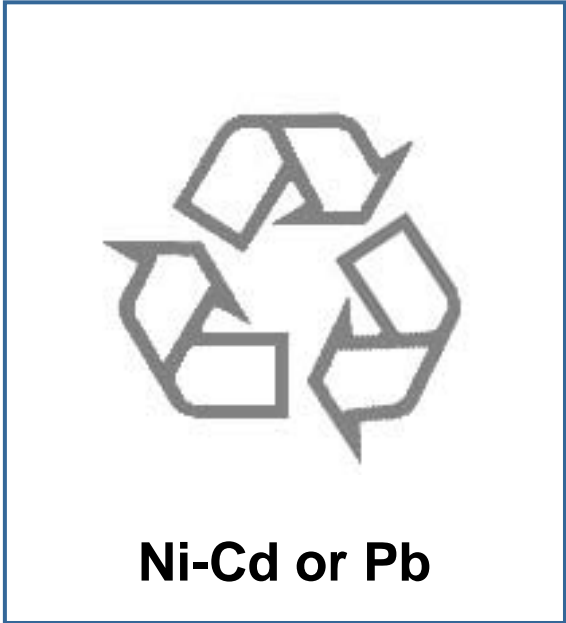
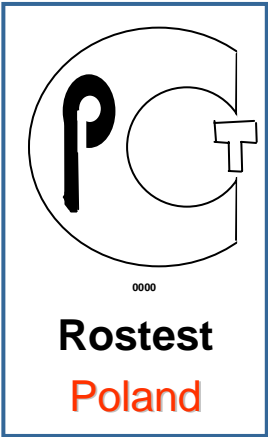
- Pb-acid and Ni-Cd batteries already meet the recycling target but not all battery systems do.

4 - Consumer batteries approximative disposal Fees (€cents/kg -VAT excluded)

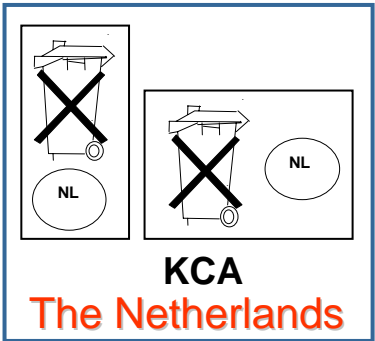
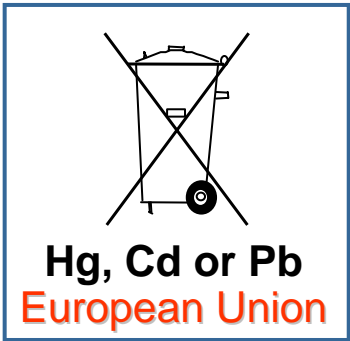
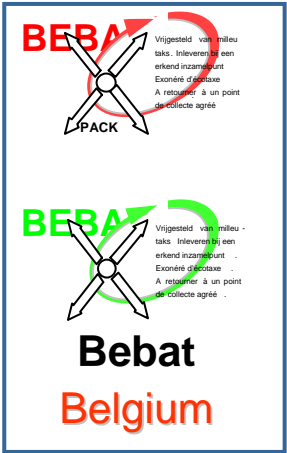
Country	Primary		Secondary			
	ZnC/Alk	Lithium	Ni-Cd	Li-Ion	Ni-MH	Small Pb
Austria (UFB)	90	90	90	90	90	90
Belgium(*)						
Denmark (Gov)	–	–	1610	–	–	4
France (Screlec)	46	91	175	175	175	130
Germany (GRS)	40	78	51	34	24	27
Netherlands (Stibat)	65	65	65	65	65	65
Norway (Rebatt)	8	8	155	155	155	155
Sweden (Gov)	–	–	3320	–	–	19
Switzerland (Inobat)	320	320	320	320	320	320

(Exchange rates 29.03.2002)

(*) Bebat : 12.5 €cents per unit including a refund of 20 % for marking duty



Worldwide
IEC 1429 - ISO 14021



More info: www.epba-europe.org/resources/marketing-guidelines

	Material and Design requirements	Labelling Requirements	Take Back obligation	Environmental Levy
Battery	X	X	X	X
Equipment (Common Pos)	X	X	X	X
Packaging	X	X	X	X
User's Manual		X		

	Removability of Batteries			Owner's Manual obligations
	Rule Metals containing (Hg, Cd, Pb) NL (all batteries)			Method of removing batteries (all types in NL)
	Exemptions : -Safety hazards when removable			Safety hazards associated with removal by individuals
	-Permanently attached for Memory Back-up			Product/and or Battery return system
	-Uses in some professionals and medicals equipments			

	Take Back Obligations			Importers and producers Responsibilities
	Collect and /or receive eqt. And/or batteries at end of life (Hg, Cd or Pb)			Report on sales, take-back, recycling, disposal
	Take back own brand and similar (country legislation)			Inform government of take back program participation - own program or - general collection program
	Free of charge for consumer at take back time			
	Secure sorting re-use and/or recycling			

- Environmental aspects will have to be taken more and more into consideration to import batteries and their equipment into EU
- Existing Member States laws vary a lot
- EU is trying to harmonize the rules but it will take time
- The "Producer" (including imports) responsibility principle will apply for the waste of batteries and equipment
- Besides the design for recycling the "producers" common collection and recycling organisations should better cooperate

8 - Addresses of batteries NCR Organisations

Country	Name	City	Tél	Web site
Austria	UFB	Wien	+43 15 01 05 33 45	www.batteriensammeln.at
Belgium	Bebat	St-Stevens-Woluwe	+32 2 721 24 50	www.bebat.be
Denmark	Returbat (Pb)	Kobenhavn	+45 33 93 22 33	www.returbat.dk
France 1	Screlec	Paris	+33 1 56 28 92 51	www.screlec.fr
France 2	Ecovolt	Courbevoie	+33 1 47 17 64 51	www.ecovolt.org
Germany 1	GRS	Hamburg	+49 40 23 77 89 20	www.grs-batterien.de
Germany 2	Bosch	Kalefeld-Willershausen	+49 5553 202 203	www.de.bosch.com
Italy 1	Ecoelit	Milano	+39 02 347 160	
Italy 2	Cobat (Pb)	Roma	+39 06 48 79 51	www.cobat.it
Luxembourg	Superdreckskescht	Colmar-Berg	+48 82 16 1	www.superdreckskescht.lu
Netherlands	Stibat	Zoertermeer	+31 79 353 1331	www.stibat.nl
Norway	Batteriretur/Rebatt	Borgenhaugen	+47 69 16 76 90	www.batteriretur.no
Switzerland	Inobat	Berne	+41 58 286 61 61	www.inobat.ch
United Kingdom	G&P Batteries	Wednesbury/ Birmimgham	+44 121 568 3200	www.g-pbatt.co.uk