

**EBRA**

EUROPEAN BATTERY RECYCLING ASSOCIATION

## **Stagnation of the quantities of used portable batteries recycled in 2008**

**Only 27 600 tons originating from the 27 EU Member-States have been recycled**

Brussels, 1<sup>st</sup> September 2009 – EBRA, the leading association of the battery recycling, urged the governments where the 2006 Battery Directive has been recently implemented to intensify their efforts for achieving the mandatory collection rate of 25% on schedule (2012).

In spite of the transposition of the 2006 European Battery Directive in almost all the Member States, only **27 600 tons** of used portable batteries originating from these countries have been processed in 2008 by the EBRA members :

- 22 800 tons of primary batteries (including lithium primary and button cells)
- 4 800 tons of portable rechargeable batteries (Ni-Cd, Ni-MH, Li-ion)

Compared to the 2007 figures (27 200 t of used portable batteries recycled), EBRA is disappointed to observe globally a stagnation (+ 1%) due to the decrease of the quantities of used primary batteries recycled (- 4,5%). During the same period, the quantity of used rechargeable batteries processed has increased of + 44 % !

The impact of the transposition of the directive – the deadline was October 2008 - is not sensible for the moment. In September 2009, all the EU Member-States have fully implemented the 2006 Battery Directive in time (the deadline was the 26 September 2008) except 4 countries : France, Czech Republic, Greece, Slovakia.

Compared to the 190 000 tons of portable batteries marketed each year in Europe, **the 27 600 tons recycled by EBRA members in 2008 correspond to a European EBRA ratio of 14,5 % in average.**

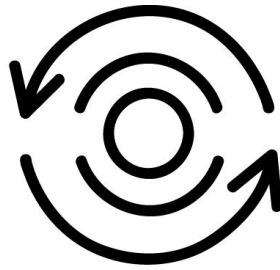
Based on producers organisations or authorities statistics, +/- 8 000 tons of portables batteries have been additionally collected in Europe and processed by non-Ebra members or disposed of. It is the case in Germany, in Italy, in the Netherlands, in Poland, in France or in Spain...Globally the quantities collected in Europe are equivalent to 35 000 tons.

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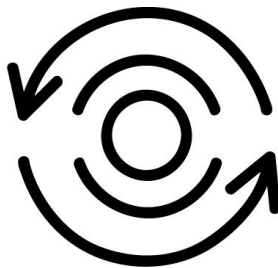
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EBRA regrets to see some used batteries still collected for landfilling in 2008 and highlights the producers and the Member-States to guarantee that all the used batteries collected are processed with high standards : traceability of the pollutants through IPPC, registration to Reach of the recovered metals put on the market, recycling efficiencies target (as soon as the methodology is defined).

7 Member-States have still reached the first Directive target of 25 % for 2012 - Austria, Belgium, France, Germany, Luxemburg, Sweden and The Netherlands – and 6 others could reach it on time : Denmark, Portugal, Greece, Ireland, Spain and Latvia. The situation is more questionable in the 3 other « historical » Member-States : Finland, Italy, UK. For 11 new EU Member-States, collection has just started and the quantities collected in 2008 are still very low.

According to EBRA, **“the first collection target of 25% to be achieved in 2012 will be very difficult to be reached in some countries”**. 25 % of collection rate in the 27 Member-States corresponds to the collection of 50 000 tons of used portable batteries.

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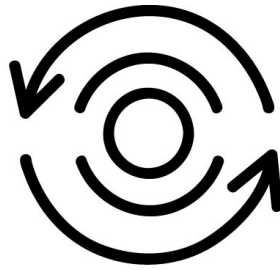
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**Used batteries recycled by EBRA members in 2007 & 2008  
EUROPE – 27 Member-States**

Types of batteries	2007	2008
Primary (including Zn-Air)	23 584 t	<b>22 494 t</b>
Lithium (primary)	268 t	<b>196 t</b>
Li-ion	380 t	<b>1297 t</b>
Ni-MH	503 t	<b>853 t</b>
Ni-Cd (portable)	2430 t	<b>2637 t</b>
Buttons cells	75 t	<b>150 t</b>
<b>TOTAL</b>	<b>27 258 t</b>	<b>27 627 t</b>
<i>Ni-Cd (industrial)</i>	<i>4068 t</i>	<i>3339 t</i>

**Used batteries recycled by EBRA members in 2008  
EUROPE (Eu-27) + USA + Switzerland + Rest of the world**

<i>Type of batteries</i>	<b>2007</b>	<b>2008</b>	<b>%</b>
<b>Alkaline, Zinc-Carbon, Zinc-air</b>	26 940	26 553	<b>- 1,4 %</b>
<b>Lithium Primary</b>	306	212	<b>- 31 %</b>
<b>Nickel-cadmium portable (Sealed)</b>	2 688	2870	<b>+ 6,7 %</b>
<b>Nickel-Metal hydride</b>	611	904	<b>+ 48 %</b>
<b>Lithium-ion</b>	458	1919	<b>+ 318%</b>
<b>Button Cells</b>	70	163	<b>+130 %</b>
<b>Total portable batteries</b>	<b>31078</b>	<b>32621</b>	<b>+ 5 %</b>
<i>Nickel-Cadmium Industrial</i>	<i>4404</i>	<i>3 641</i>	<b>-13 %</b>



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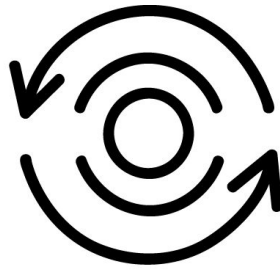
Countries	Primary batteries	Lithium primary	Portable Ni-Cd	Ni-MH	Lithium-ion	Button cells	Portable batteries Total / per country	Industrial Ni-Cd
Austria	1182		75	40	52		1349	197
Belgium	1723		143	50	23		1939	112
Bulgaria								
Cyprus					1		1	
Czech Republic	24				15		39	
Denmark			229	56	24		309	27
Estonia					2		2	
Finland			46		9		55	63
France	7130	166	435	117	134	20	8002	1154
Germany	7588		953	335	522		9398	467
Greece	207			1	15		223	
Hungary	2	1	14		25		42	
Ireland	206		13	1	15		235	1
Italy	45		104	15	84		248	236
Latvia	86		4		6		96	3
Lithuania					5		5	
Luxemburg	15						15	
Malta					1		1	
Poland			6	5	56		67	85
Portugal	450				15		465	
Romania							-	
Slovakia					8		8	
Slovenia					3		3	16
Spain	643		42	10	60	12	767	207
Sweden	225		135	83	13	103	559	132
The Netherlands	1850	20	249	139	104	15	2377	74
United Kingdom	1118	9	189	1	105		1422	565
<b>TOTAL EU 27</b>	<b>22 494</b>	<b>196</b>	<b>2637</b>	<b>853</b>	<b>1297</b>	<b>150</b>	<b>27627</b>	<b>3339</b>
Switzerland	1602	7	133	23	41	13	1819	32
USA			8		431		439	4
Rest of the world	2457	9	92	28	150		2736	266
<b>Total</b>	<b>26553</b>	<b>212</b>	<b>2870</b>	<b>904</b>	<b>1919</b>	<b>163</b>	<b>32621</b>	<b>3641</b>

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<b>EU countries</b>	<b>Portable batteries marketed (estimation)</b>	<b>Portable batteries Processed by EBRA members</b>	<b>EBRA ratio</b>
Austria	3 500 t	1349 t	<b>38 %</b>
Belgium	4 700 t	1939 t	<b>41,5 %</b>
Bulgaria	2 000 t	-	-
Cyprus	200 t	1 t	0,5 %
Czech Rep.	2 000 t	39 t	1 %
Denmark	2 500 t	309 t	12,5 %
Estonia	500 t	2 t	-
Finland	3 000 t	55 t	2 %
France	32 000 t	8002 t	<b>25 %</b>
Germany	33 000 t	9398 t	<b>28,5 %</b>
Greece	2 000 t	223 t	11 %
Hungary	2 000 t	42 t	2 %
Ireland	1 800 t	235 t	13 %
Italy	30 000 t	248 t	1 %
Latvia	500 t	96 t	19 %
Lithuania	500 t	5 t	1 %
Luxemburg	200 t	120 t	<b>60 %</b>
Malta	50 t	1 t	2 %
Poland	7 500 t	67 t	1 %
Portugal	2 500 t	465 t	19 %
Romania	3 500 t	-	-
Slovakia	1 000 t	8 t	1 %
Slovenia	400 t	3 t	1 %
Spain	15 000 t	767 t	5 %
Sweden	2 000 t	559 t	<b>28 %</b>
Netherlands	6 400 t	2377 t	<b>37 %</b>
UK	30 000 t	1422 t	5 %
<b>TOTAL</b>	<b>188.750 t</b>	<b>27 627 t</b>	<b>14,5 %</b>

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