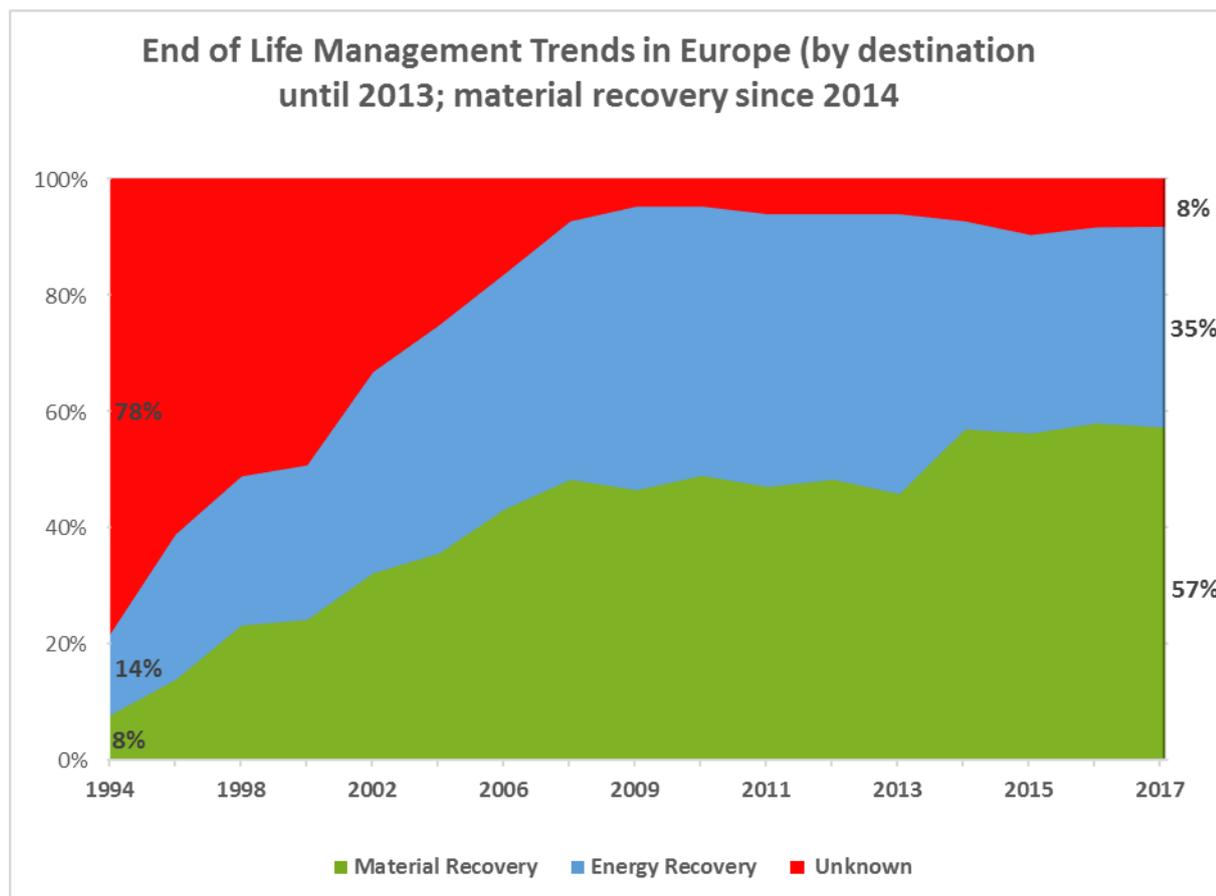


Europe - 92% of all End of Life Tyres collected and treated in 2017

Brussels, 19th November 2019 – ETRMA, the European Tyre and Rubber Manufacturers' Association, has consolidated data on the management of End of Life Tyres (ELTs) for 2017 covering 32 countries (EU28, Norway, Serbia, Switzerland and Turkey).

92% of ELTs in the 32 countries were collected and treated for material recycling and energy recovery. The remaining 8% could not be tracked down. This situation is quite comparable to the previous years with ELT treatment rates fluctuating between 93% and 95%.

The European tyre industry is committed to an innovative and sustainable economy. ELTs are collected and their treatment is organised across European countries, the vast majority operating under EPR. Secondary raw materials from ELTs are important resources for industries such as construction, automotive and cement.



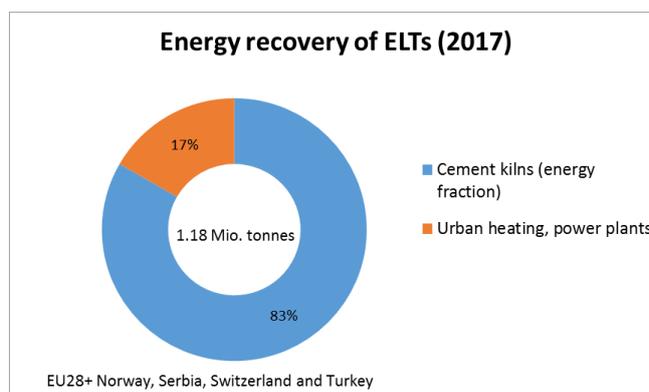
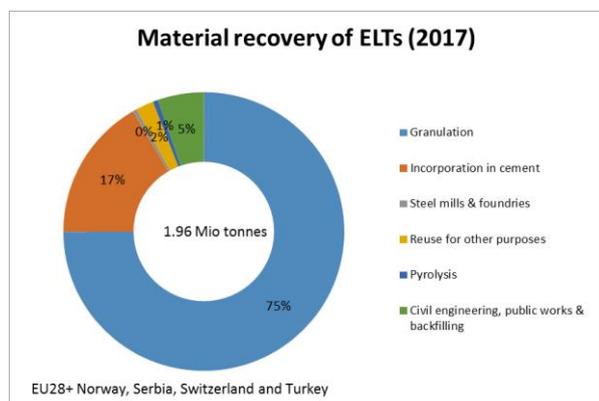
The detailed analysis of the data (see Table in Annex - below) shows that, compared to the previous year, the number of ELTs in Europe (3.4Mt) in 2017 increased by about 4% to the previous year.

About 1.96 million tonnes of tyres were treated **through material recovery**. This figure includes 1.47 million tonnes, sent to granulation process to obtain the three main components of the tyre: rubber, steel and textile; 326.000 tonnes of ELTs were incorporated in cement, resulting from the co-processing of tyres in cement kilns; 105.000 tonnes were used as element in civil engineering applications. Some other minor applications in processes such as pyrolysis, steel mills and foundries, and other uses complete this figure

The management of ELTs in 2017 is completed with a 1,18 Mt of tyres that went through **energy recovery**, mainly in cement kilns (83%), and complemented with their use in urban heating and power plants (17%).

The quantity of ELTs, stocked or unknown, and waiting for treatment, is slightly above the previous year's figures by 50.000 t. This is because of the implementation of new regulations in some countries and the obligation of collection and treatment of a higher percentage in others, which has given the result of higher quantity of tyres waiting for treatment.

Breakdown by application



END

For further information:

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Annex: see below

About ETRMA

The European Tyre & Rubber Manufacturers Association (ETRMA) represent nearly 4.400 companies in the EU, directly employing about 370.000 people. The global sales of ETRMA's corporate members represent 70% of total global sales and 7 out of 10 world leaders in the sector are ETRMA Members¹. We have a strong manufacturing and research presence within the EU and candidate countries, with 93 tyre-producing plants and 17 R&D centres.

¹ ETRMA's membership include the following tyre manufacturers: APOLLO VREDESTEIN, BRIDGESTONE EUROPE, BRISA, COOPER TIRES, CONTINENTAL, GOODYEAR, HANKOOK, MARANGONI, MICHELIN, NOKIAN TYRES, PIRELLI, PROMETEON, SUMITOMO RUBBER INDUSTRIES AND TRELLEBORG WHEEL SYSTEMS. Furthermore, members include Associations in the following countries: Belgium, Finland, France, Germany, Hungary, Italy, the Netherlands, Poland, Spain and the UK.

ANNEX: End of Life Tyres Management – Europe – 2017 status

End of Life Tyres Management - Europe -2017 Status								
National figures (tonnes)	ELT Arising (A)	ELT recovery				Unknown (F)*****	Total ELT treatment (G)=(D)+(E)	ELT treated (F)=(G)/(A)
		Material		Energy				
		Civil engineering, public works & backfilling (B)	Recycling* (C)	Total Material recovery (D)=(B+C)	Energy recovery (E)**			
Austria (est.)	53,500	0	30,500	30,500	23,000	0	53,500	100%
Belgium	72,000	0	68,000	68,000	4,000	0	72,000	100%
Bulgaria (est.)	42,000	0	26,500	26,500	1,500	14,000	28,000	67%
Croatia	21,000	0	18,000	18,000	1,000	2,000	19,000	90%
Cyprus (est.)	7,500	0	2,000	2,000	5,500	0	7,500	100%
Czech Rep. (est.)	80,000	0	36,000	36,000	20,000	24,000	56,000	70%
Denmark	47,500	0	41,500	41,500	1,513	6,000	43,013	91%
Estonia (est.)	12,000	1,000	7,000	8,000	2,000	2,000	10,000	83%
Finland	55,000	32,000	10,000	42,000	8,000	5,000	50,000	91%
France	435,000	31,000	185,000	216,000	212,000	7,000	428,000	98%
Germany	440,000	0	279,500	279,500	157,500	3,000	437,000	99%
Greece	46,500	0	23,000	23,000	13,500	10,000	36,500	78%
Hungary	33,000	0	22,000	22,000	6,000	5,000	28,000	85%
Ireland (est.)***	30,500	0	30,500	30,500	0	0	30,500	100%
Italy (est.)	334,500	2,500	192,500	195,000	139,500	0	334,500	100%
Latvia (est.)	12,000	0	4,500	4,500	2,500	5,000	7,000	58%
Lithuania (est.)	6,000	0	5,000	5,000	1,000	0	6,000	100%
Luxembourg	-	-	-	-	-	-	-	-
Malta (est.)	3,000	0	3,000	3,000	0	0	3,000	100%
Netherlands ****	80,000	0	69,000	69,000	11,000	0	80,000	100%
Poland (est.)	285,000	0	120,000	120,000	82,000	83,000	202,000	71%
Portugal	76,000	0	53,000	53,000	16,000	7,000	69,000	91%
Romania	45,000	0	16,000	16,000	29,000	0	45,000	100%
Slovak Rep. (est.)	34,500	1,000	20,000	21,000	3,000	10,500	24,000	70%
Slovenia (est.)	18,000	0	13,000	13,000	5,000	0	18,000	100%
Spain	228,000	5,000	145,000	150,000	78,000	0	228,000	100%
Sweden	87,000	3,000	41,000	44,000	43,000	0	87,000	100%
UK (estimated by UTWG)	445,000	30,000	196,000	226,000	204,000	15,000	430,000	97%
EU28	3,029,500	105,500	1,657,500	1,763,000	1,069,513	198,500	2,832,513	93%
Norway	58,500	0	23,000	23,000	35,500	0	58,500	100%
Serbia (est.)	29,000	0	22,500	22,500	6,500	0	29,000	100%
Switzerland (est.)	38,500	0	17,500	17,500	21,000	0	38,500	100%
Turkey	269,000	0	135,000	135,000	49,000	85,000	184,000	68%
EU28+NO+CH+Serbia+TR	3,424,500	105,500	1,855,500	1,961,000	1,181,513	283,500	3,142,513	92%
2016	3,289,000	117,000	1,785,250	1,902,250	1,099,750	231,000	3,002,000	91%
2017 vs 2016	4%	-10%	4%	3%	7%	23%	5%	1%
in 2017	23 countries with EPR legislation							
* Recycling : includes ELTs sent to granulation (1.469.000t), use of ELTs in steel mills and foundries (9.000t) as well as use as dock fenders, blasting mats (40.000t) pyrolysis (12.000t) and the incorporation of the inorganic content of ELTs in cement manufacturing (µ 25% by weight of ELTs sent to cement kilns i.e. 326.000t)								
** Energy recovery : includes 75% by weight of ELTs sent to cement kilns (1.309.291tx75%) as the energy fraction of co-processing ELTs in cement kilns and ELTs used in district heating/Power plants (197.000t)								
*** Ireland: restricted to the scope of EPR legislation (2018)								
****The Netherlands: full market, beyond EPR obligation (2016)								
*****Unknown also include in some countries collected tyres waiting for treatment								