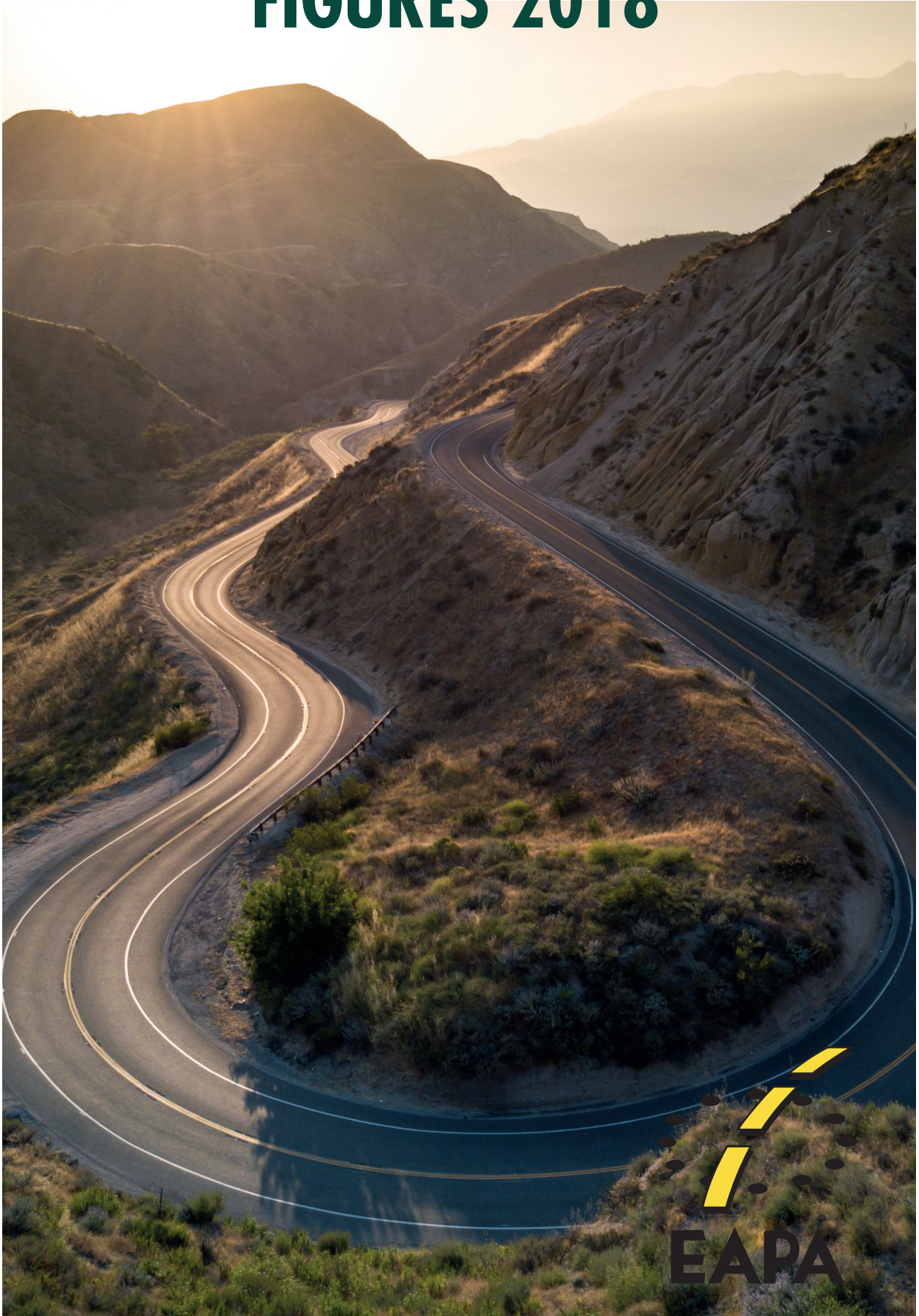


# ASPHALT IN FIGURES 2018





*EAPA is the European industry association which represents the manufacturers of bituminous mixtures, companies engaged in asphalt road construction and maintenance as well as the additive and equipment producers. It has the mission to promote the good use of asphalt in the creation and maintenance of a sustainable European road network. Conscious of the importance of providing information to the public, EAPA is pleased to present to you the data of 'Asphalt in Figures' for the year 2018.*

*François Chaignon  
President EAPA*

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**EUROPEAN ASPHALT  
PAVEMENT ASSOCIATION**

## KEY FIGURES OF THE EUROPEAN ASPHALT INDUSTRY IN 2018

This document provides an overview of the figures of the European asphalt sector until the year 2018. The data refers to production, types of asphalt, applications, binders, re-use/recycling rates, number of companies and production sites.

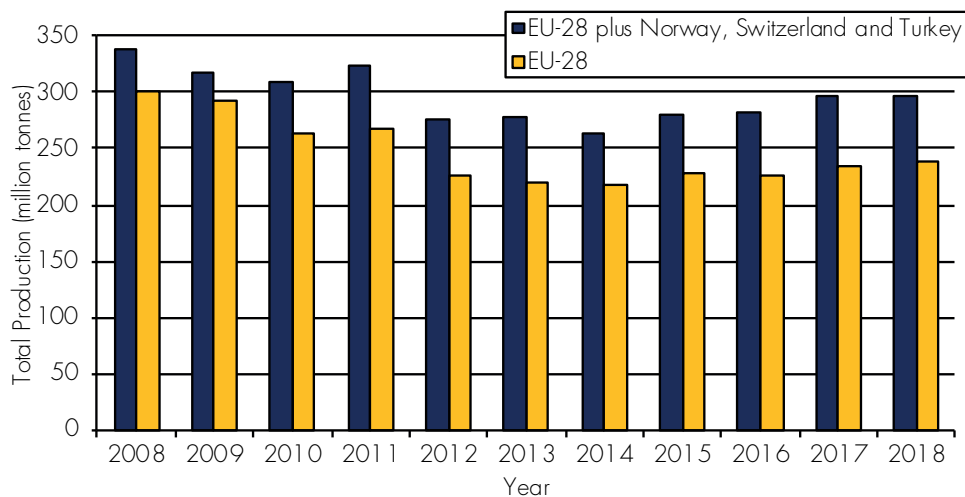
These figures have been established with the assistance of the members of the European Asphalt Pavement Association, being at the moment the best available and most reliable data for the asphalt industry.

In some cases, data from some countries were not available, which was marked in the tables as "no data" and accounting zero for the calculation of total figures. In other cases, some countries did not provide the data of a certain year but this could be estimated based on the historic series of data they did provide over the previous years. This is marked with "\*" next to the estimated value.

### GRAPH TOTAL PRODUCTION

*TOTAL PRODUCTION OF HOT AND WARM MIX ASPHALT IN EU-28 AND EU-28 PLUS NORWAY, SWITZERLAND AND TURKEY, IN THE PERIOD 2008 - 2018*

(in million tonnes)





## TABLE 1. TOTAL PRODUCTION

TOTAL PRODUCTION OF HOT AND WARM MIX ASPHALT  
IN THE PERIOD 2008 - 2018  
(in million tonnes)

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Austria	9,5	9,0	8,2	8,0	7,2	7,0	7,2	7,2	7,4	7,4	7,5
Belgium	4,9	4,7	4,8	5,9	5,6	5,3	5,2	5,0	5,1	5,6	5,8
Bulgaria	no data	no data	no data	no data	no data	no data	no data	2,0*	2,0*	2,0*	2,0*
Croatia	4,2	3,2	2,7	2,6	2,5	2,8	2,3	2,2	2,2	2,2	2,5
Cyprus	no data	no data	no data	no data	no data	no data	no data	no data	0,2*	0,2*	0,2*
Czech Republic	7,3	7,0	6,2	5,8	5,6	5,4	6,4	8,0	6,7	7,4	7,9
Denmark	3,1	2,7	3,2	4,0	3,6	3,7	3,7	3,7	3,8	4,0	3,9
Estonia	1,5	1,2	1,1	1,3	1,1	1,2	1,3	1,5	1,5	1,7	1,6
Finland	6,0	5,2	4,9	5,0	4,5	4,5	4,7	5,4	5,9	6,4	6,1
France	41,8	40,1	38,8	39,2	35,3	35,4	31,9	31,5	33,6	33,7	35,0
Germany	51,0	55,0	45,0	50,0	41,0	41,0	39,0	39,0	41,0	42,0	41,0
Great Britain	25,0	20,5	21,5	22,4	18,5	19,2	20,6	21,9	22,0	22,7	22,9
Greece	8,1	8,7	5,2	2,3	1,6	2,7	2,7*	2,5*	2,3*	2,3*	2,3*
Hungary	2,5	1,6	3,4	2,3	2,5	2,7	3,8	3,9	2,8	2,6	4,7
Iceland	0,4	0,3	0,2	0,2	0,2	0,2	0,3	0,3	0,3*	0,3*	0,3*
Ireland	2,8	3,3	2,3	1,8	1,9	1,8	1,8	1,9	1,9	2,0	1,9
Italy	36,5	34,9	29,0	28,0	23,2	22,3	22,3	23,1	23,1	23,7	26,0
Latvia	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*
Lithuania	2,2	1,5	1,6	1,6	1,3	1,3*	1,3*	1,6	1,6	1,6*	1,6*
Luxembourg	0,6*	0,6	0,7	0,65	0,61	0,7	0,7*	0,7	0,7*	0,9	0,9
Malta	no data	no data	no data	no data	no data	no data	no data	no data	0,1*	0,1*	0,1*
Netherlands	9,3	9,8	9,5	9,6	9,2	9,7	9,0	8,0	8,2	8,1	7,9
Norway	5,7	6,5	5,9	6,7	6,3	6,4	7,0	6,9	7,2	7,8	7,5
Poland	15,0	18,0	18,0	26,5	21,1	18,2	16,5	18,5	19,0*	19,0*	19,0*
Portugal	9,0*	9,0*	6,7	6,4	6,4*	6,4*	6,4*	6,4*	6,2*	6,2*	6,2*
Romania	3,3	3,6	3,2	3,6	3,2	4,1	4,5	4,5*	4,5*	4,5*	4,5*
Serbia	no data	no data	no data	no data	no data	no data	1,3	1,3	1,3*	1,3*	1,3*
Slovakia	2,2*	2,2	1,9	2,2	1,9	1,6	1,5	2,7	1,9	2,0	2,3
Slovenia	2,6	2,3	1,8	1,3	1,1	1,2	1,4	1,6	1,6	1,8	2,0
Spain	42,3	39,0	34,4	29,3	19,5	13,2	14,5	16,4	13,1	15,2	16,0
Sweden	8,7	8,1	7,9	8,1	7,7	7,6	8,5	8,2	8,2*	8,2*	8,2*
Switzerland	5,3	5,4	5,3	5,4	4,8	4,8	6,5	6,5*	6,5*	6,5*	6,5*
Turkey	26,6	23,1	35,3	43,5	38,4	46,2	30,9	37,9	40,4	46,9	41,7
<b>EU-28</b>	<b>300,0</b>	<b>291,6</b>	<b>262,6</b>	<b>268,5</b>	<b>226,7</b>	<b>219,7</b>	<b>217,7</b>	<b>228,1</b>	<b>226,8</b>	<b>233,9</b>	<b>240,5</b>
<b>Europe</b>	<b>338,0</b>	<b>326,9</b>	<b>309,3</b>	<b>324,3</b>	<b>276,4</b>	<b>277,3</b>	<b>263,7</b>	<b>280,9</b>	<b>282,5</b>	<b>296,7</b>	<b>297,9</b>
Ontario - Canada	13,2*	13,2*	14,0	13,5	13,0	no data	13,8	14,2	13,3	no data	no data
USA	440,0	324,0	326,0	332,0	326,9	318,1	319,0	331,0	340,0	344,0	353,0
South Africa	no data	no data	no data	5,7	5,7	5,5	5,4	4,8	4,8	4,1	4,2

## TABLE 2. SURFACE, BINDER AND BASE COURSE

APPLICATION IN SURFACE-, BINDER-, AND BASE COURSES OF TOTAL ANNUAL HOT AND WARM MIX PRODUCTION IN 2018 (in %)

Country	Surface course	Binder course	Base course
Austria	60	15	25
Belgium	53	47	0
Croatia	57	6	37
Czech Republic	53	24	23
Denmark	50	6	44
Estonia	68	29	4
Finland	89	0	11
Germany	31	20	49
Hungary	53	34	13
Norway	80	10	10
Slovakia	70	19	11
Slovenia	52	9	39
Spain	74	17	9
Turkey	44	31	25

## TABLE 3(A). SURFACE COURSES

USE OF DIFFERENT TYPES OF ASPHALT MIXES IN SURFACE COURSES (in %)

Country	Asphalt concrete	Asphalt concrete for very thin layers	Soft Asphalt	Stone Mastic Asphalt	Mastic Asphalt	Porous Asphalt
	EN 13108-1	EN13108-2	EN 13108-3	EN 13108-5	EN 13108-6	EN 13108-7
Austria	85,0	1,0	-	11,5	2,0	0,5
Belgium	72,3	0,8	-	25,4	0,8	0,7
Croatia	91,2	-	-	8,8	-	-
Czech Republic	87,7	0,4	-	10,6	1,1	0,2
Denmark	67,0	-	-	32,6	-	0,4
Estonia	96,4	-	-	3,1	0,4	0,0
Finland	81,2	-	6,1	12,3	0,5	-
France	-	-	-	-	0,4	-
Germany	64,5	-	-	29,0	3,2	3,2
Hungary	85,0	0,0	-	13,0	2,0	-
Slovakia	95,5	0,4	-	2,7	0,8	0,6
Slovenia	89,0	-	-	10,0	-	1,0
Spain	85,4	12,1	-	1,7	-	0,8
Turkey	95,5	-	-	4,5	-	-

## TABLE 3(B). SURFACE COURSES

APPLIED AREA OF DIFFERENT TYPES OF ASPHALT MIXES IN SURFACE COURSES (in million m<sup>2</sup>)

Country	Asphalt concrete EN 13108-1	Asphalt concrete for very thin layers EN13108-2	Soft Asphalt EN 13108-3	Stone Mastic Asphalt 13108-5	Mastic Asphalt EN 13108-6	Porous Asphalt EN 13108-7
Austria	-	-	-	-	-	-
Belgium	27,8	0,4	-	10,8	0,5	0,3
Croatia	-	-	-	-	-	-
Czech Republic	27,9	0,2	-	4,1	0,4	0,1
Denmark	17,2	-	-	7,8	-	0,2
Estonia	-	-	-	-	-	-
Finland	-	-	-	-	-	-
France	-	-	-	-	3,4	-
Germany	-	-	-	-	-	-
Hungary	79,4	-	-	15,2	3,1	-
Slovakia	-	-	-	-	-	-
Slovenia	46,3	-	-	5,2	-	0,5
Spain	-	-	-	-	-	-
Turkey	-	-	-	-	-	-

## TABLE 4(A). WARM MIX ASPHALT (WMA)

PRODUCTION OF WARM MIX ASPHALT IN THE PERIOD 2013 - 2018 (100 - 150°C)

For this table Warm Mix Asphalt is defined as mixtures produced by using special techniques and/or additives to reduce the production temperature. The production temperature is between 100°C and 150°C (in million tonnes)

Country	2013	2014	2015	2016	2017	2018
Austria	0,000	0,000	0,000	0	no data	no data
Belgium	no data	no data	<0,050	no data	<0,050	0,100
Croatia	0,000	0,040	0,060	0,060	no data	no data
Czech Republic	0,030	0,001	0,020	0,007	0,070	0,080
Denmark	0,120	0,200	0,200	0,250	0,340	0,330
Estonia	no data	no data	0,008	no data	no data	no data
Finland	0,000	0,120	0,240	0,310	0,430	0,310
France	3,550	4,023	4,552	4,324	3,824	3,728
Great Britain	<1,000	<1,000	no data	<0,300	<1,000	<1,000
Hungary	0,020	0,038	0,070	0,208	0,210	0,000
Luxemburg	0,000	0,007	0,007	0,007*	no data	no data
Netherlands	0,060	0,133	0,100	0,100*	0,060	0,790
Norway	0,380	0,540	0,592	0,502	0,869	1,339
Slovakia	no data	no data	0,014	0,035	0,050	0,030
Slovenia	0,000	0,000	0,000	0,000	0,050	0,002
Spain	0,086	0,140	0,140	0,060	0,200	0,180
Sweden	0,500	0,700	0,700	0,700*	no data	no data
Switzerland	0,870	0,388	no data	no data	no data	no data
Turkey	no data	no data	0,080	0,151	0,077	0,000
USA	69,000	103,000	109,000	106,000	133,000	143,000 <sup>†</sup>
Ontario-Canada	no data	0,750	0,900	0,750	no data	no data
South Africa	0,150	0,150	0,200	0,200	no data	no data

<sup>†</sup>Of which 72,1 Mt were produced at reduced temperature and 70,9 Mt at HMA temperature but with WMA technology

## TABLE 4(B). HALF WARM MIX

HALF WARM MIX ASPHALT (50-100°C) IN THE PERIOD 2014 - 2018 (in tonnes)

Country	2014	2015	2016	2017	2018
Hungary	30.000	10.000	28.000	0	0
Netherlands	no data	no data	100.000	0	no data
Slovakia	no data	no data	1.200	2.000	2.000
Spain	5.000	9.000	30.000	10.000	20.000

## TABLE 4(C). COLD BITUMINOUS MIXTURES/ COLD MIX ASPHALT

COLD BITUMINOUS MIXTURES (BELOW 50°C) IN THE PERIOD 2011 - 2018 (in tonnes)

Country	2011	2012	2013	2014	2015	2016	2017	2018
Austria	20.000	20.000	30.000	no data	no data	no data	no data	no data
Belgium	33.000	27.000	30.000	no data	20.000	20.000	10.000	5.000
Croatia	21.000	23.000	32.000	no data	no data	no data	no data	no data
Czech Rep.	9.907	4.421	9.570	40.000	5.400	5.000	4.000	4.000
France	1.600.000	1.460.000	1.550.000	1.418.000	1.808.000	1.858.000	1.977.000	1.975.000
Great Britain	no data	no data	no data	no data	<200.000	no data	no data	no data
Hungary	40.000	15.400	58.800	40.000	60.000	30.000	50.000	50.000
Iceland	no data	no data	no data	10.000	10.000	no data	no data	no data
Lithuania	no data	no data	no data	no data	no data	50.000	no data	no data
Luxembourg	0	2.000	10.000,00	no data	10.000	no data	no data	no data
Netherlands	no data	20.000	0	no data	no data	26.000	23.000	no data
Norway	37.000	6.000	20.000	30.000	no data	no data	no data	no data
Romania	13.000	2.000	2.625	no data	no data	no data	no data	no data
Slovakia	3.000	0	no data	0	1.000	2.400	1.000	1.000
Slovenia	no data	no data	26.000	no data	no data	no data	no data	no data
Spain	200.000	92.400	86.700	150.000	94.000	190.000	80.000	100.000
Sweden	60.000	90.000	90.000	100.000	100.000	no data	no data	no data
Switzerland	740.000	710.000	830.000	25.000	no data	no data	no data	no data
Turkey	1.020.000	1.818.000	1.050.000	938.000	783.000	543.446	1.048.000	707.000

## TABLE 4(D). SURFACE APPLICATIONS

APPLICATION OF SLURRY SEAL (SS) & MICRO-SURFACING (MS) /  
SURFACE DRESSING (SD) IN 2018 (in million m<sup>2</sup>)

Country	Slurry Seal & Micro-Surfacing	Trend '17/'18	Surface Dressing
Czech Republic	1,70	>	1,00
Croatia	0,35	no data	no data
Denmark	0,00	=	4,50
Estonia	no data	no data	13,68
Finland	no data	no data	0,27
France	43,00	<	161,00
Hungary	0,10	>	2,10
Slovakia	0,30	<	0,35
Spain	16,50	<	5,80
Turkey	0,00	no data	136,60

## ASPHALT IN FIGURES 2018

### TABLE 5. BITUMEN

CONSUMPTION OF BITUMEN IN THE ROAD INDUSTRY IN THE PERIOD 2014 - 2018 (in million tonnes)

Country	Total bitumen consumption					% Modified bitumen (of total)					Emulsions				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
Austria	0,37	0,35	0,38	0,40	0,40	18,9	29,0	20,0	8,0	15,0	0,005	0,005	0,008	0,007	0,006
Belgium	0,21	0,19	0,20	0,22	0,22	26,5	25,9	25,0	37,5	31,9	no data	no data	no data	no data	no data
Croatia	0,13	0,12	0,11	no data	no data	no data	4,0	15,0	no data	no data	no data	0,000	0,000	no data	no data
Czech Republic	0,33	0,41	0,34	0,37	0,42	21,5	21,5	27,7	26,6	27,0	0,008	0,020	0,020	0,02	0,014
Denmark	0,19	0,19	0,19	0,20	0,19	5,0	5,0	5,0	5,0	5,0	0,020	0,020	0,020	0,02	0,014
Estonia	0,08	0,08	0,08	0,09	0,09	3,3	2,9	2,9	2,1	1,0	0,016	0,015	no data	0,015	0,015
Finland	0,27	0,27	0,27	0,30	0,30	0,0	0,0	0,0	0,7	0,7	0,001	0,001	0,004	0,003	0,0033
France	2,47	2,40	2,50	2,62	2,72	6,9	7,5	8,2	8,2	8,3	0,792	0,767	0,731	0,724	0,725
Germany	1,63	1,57	1,62	1,71	1,70	26,5	27,0	29,7	29,3	26,4	no data	no data	no data	no data	no data
Great Britain	1,28	1,33	1,295	no data	no data	8,0	8,0	8,0	no data	no data	0,100	0,100	0,100	no data	no data
Hungary	0,19	0,19	0,14	0,13	0,23	25,0	28,0	22,0	26,0	20,0	0,000	0,015	0,007	0,010	0,013
Iceland	no data	no data	no data	no data	no data	0,01	0,001	no data	no data	no data	0,000	0,005	no data	no data	no data
Ireland	0,13	0,12	0,13	0,14	0,14	no data	no data	no data	no data	no data	0,035	0,035	0,037	no data	0,035
Italy	1,13	1,15	1,16	1,12	1,17	18,0	18,0	17,0	16,5	17,1	0,070	0,070	0,070	0,070	0,070
Lithuania	no data	0,08	0,09	no data	no data	no data	18,0	19,0	no data	no data	no data	0,000	0,079	no data	no data
Luxembourg	0,05	0,05	no data	0,05	0,05*	15,0	25,0	no data	15,0	no data	no data	no data	no data	no data	no data
Netherland	0,30	0,30	0,29	0,27	0,27*	no data	3,0	3,3	no data	no data	no data	no data	0,000	no data	no data
Norway	0,35	0,36	0,38	0,41	0,41	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
Romania	0,20	no data	no data	no data	no data	75,0	no data	no data	no data	no data	0,000	no data	no data	no data	no data
Serbia	0,26	0,33	no data	no data	no data	4,4	7,4	no data	no data	no data	no data	no data	no data	no data	no data
Slovakia	0,08	0,14	0,10	0,10	0,10	29,1	42,0	24,5	25,0	33,0	0,000	0,007	0,006	0,006	0,005
Slovenia	0,07	0,08	0,08	0,09	0,11	10,0	14,7	16,7	20,0	21,0	no data	no data	no data	no data	no data
Spain	0,56	0,75	0,60	0,69	0,68	15,0	14,8	12,2	16,0	10,5	0,100	0,100	0,080	0,070	0,070
Sweden	0,45	0,42	no data	no data	no data	7,0	7,0	no data	no data	no data	0,040	0,040	no data	no data	no data
Switzerland	0,28	no data	no data	no data	no data	12,0	no data	no data	no data	no data	0,000	no data	no data	no data	no data
Turkey	2,39	2,73	2,93	3,62	2,90	3,2	3,9	4,9	2,8	1,0	0,000	0,064	0,059	0,374	0,068
Ontario-Canada	0,70	no data	0,65	no data	no data	15,0	no data	no data	no data	no data	0,000	no data	no data	no data	no data
South Africa	no data	no data	0,39	0,37	0,34	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data



## TABLE 6. RE-USE AND RECYCLING

REUSE AND RECYCLING OF RECLAIMED ASPHALT IN 2018

Country	All available Reclaimed Asphalt in 2018 in tonnes	% of available reclaimed asphalt						Applied area in m <sup>2</sup> of hot reuse of existing asphalt pavement material in-situ / on the road (Remixing, Repaving, Reshaping, Road Train etc.)	The amount of "only" reheated (reused) asphalt material in-situ / on the road (Remixing, Repaving, Reshaping, Road Train etc.) in metric tonnes	
		Re-use in Hot and Warm Mix Asphalt Production	Re-use in Half Warm Mix Asphalt Production	Re-use in Cold Recycling**	Recycling in Unbound Road Layers	Use in other Civil Engineering Applications	Put to Landfill /Other Applications/ Unknown			
Austria	1.900.000	70	30						no data	no data
Belgium	1.687.000	100	0	0	0	0	0	no data	no data	
Croatia	200.000	no data	no data	no data	no data	no data	no data	no data	no data	
Czech Republic	2.700.000	12	0	25	25	10	28	>400000	>420000	
Denmark	1.185.000	68	no data	no data	7	0	25	no data	no data	
Finland	1.300.000	100	0	0	0	0	0	8200000	no data	
France	7.817.000	73	10	no data	no data	no data	no data	1589300	286360	
Germany	13.000.000	82	0	0	18	0	0	no data	no data	
Great Britain	6.100.000	30	70						no data	no data
Hungary	200.000	70	0	0	10	1	19	no data	no data	
Italy	9.000.000	no data	no data	no data	no data	no data	no data	no data	no data	
Norway	1.004.000	34	0	0	66	0	0	no data	no data	
Slovakia	150.966	82	0	2	12	1	0	135627	16624	
Slovenia	106.200	24	0	5	0	0	61	no data	no data	
Spain	1.165.000	76	0	9	15	0	1	no data	no data	
Turkey	1.965.000	1	0	0	99	0	0	no data	no data	
USA	91.700.000	90,5	0	0,3	7	2,2	0	no data	no data	

\*\* Cold recycling includes stabilisation with bitumen emulsion, foamed bitumen and/or cement.

## ASPHALT IN FIGURES 2018

### TABLE 7. COMPANIES

COMPANIES IN THE ASPHALT INDUSTRY IN THE PERIOD 2016 - 2018

Country	Production only			Production & Laying			Laying only		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
Austria	no data	0	0	66	68	68	no data	0	0
Belgium	5	3	3	18	18	17	no data	no data	no data
Croatia	1	no data	no data	52	no data	52	10	no data	9
Czech Republic	22	26	28	29	23	24	>50	>40	>40
Denmark	1	1	1	6	6	6	10	~10	~10
Estonia	1	2	2	8	8	8	10	18	14
Finland	no data	0	no data	10	10	10	15	15	15
France	0	0	0	30	30	30	1.353	1.353	1.342
Germany	260	260	260	150	150	150	3.000	3.000	3.000
Great Britain	24	23	23	19	18	18	>200	>200	>200
Greece	no data	no data	no data	200*	no data	no data	3*	no data	no data
Hungary	2	2	2	34	33	33	29	32	35
Iceland	no data	no data	no data	4	no data	no data	10	no data	no data
Ireland	2	3	1	18	17	18	24	27	32
Italy	30*	400	400*	400*	390	390	>2.500*	>2.500	>2.500*
Latvia	no data	no data	no data	no data	no data	no data	no data	no data	no data
Lithuania	0	no data	no data	21	no data	no data	no data	no data	no data
Luxembourg	0	no data	no data	4	no data	no data	0	no data	no data
Netherlands	0	0	0*	17	17	17*	15	15	15*
Norway	3	3	3	13	13	12	40	40	40
Poland	4*	no data	no data	260*	no data	no data	155*	no data	no data
Portugal	10*	no data	no data	16*	no data	no data	60*	no data	no data
Romania	12*	no data	no data	16*	no data	no data	8*	no data	no data
Serbia	33	no data	no data	33	no data	no data	33	no data	no data
Slovakia	no data	50	20	2	50	20	no data	3	15
Slovenia	4	2	2	13	13	13	50	50	55
Spain	6	6	6	125	125	125	150	150	150
Sweden	0	no data	no data	11	no data	no data	80	no data	no data
Switzerland	40*	no data	no data	40*	no data	no data	>400*	no data	no data
Turkey	11	no data	11	312	no data	312	>100	no data	>100
Ontario-Canada	0	no data	no data	45	no data	no data	no data	no data	no data
South Africa	8	30	no data	9	26	no data	18	37	no data

## TABLE 8. PRODUCTION SITES

NUMBER OF PRODUCTION SITES IN THE PERIOD 2016 - 2018

Country	Stationary Plants			Mobile plants			All plants that are fit for hot and warm recycling****		
	2016	2017	2018	2016	2017	2018	2016	2017	2018
Austria	114	115	115	1*	no data	no data	90*	no data	no data
Belgium	43	38	36	0	0	0	40	32	15
Croatia ***	53	53*	53	2	2*	1	14	14*	14
Czech Republic	105	104	103	2	2	2	75	75	76
Denmark	39	39	37	0	0*	no data	37	37	35
Estonia	10	5	9	11	16	12	14	12	21
Finland	47	no data	no data	21	no data	no data	54	no data	no data
France ***	423	423	423	46	46	37	>300	>350	>350
Germany	597	589	585	no data	no data		590	580	580
Great Britain ***	250	250	245	no data	no data	no data	165	no data	>165
Greece ***	190*	190*	no data	3*	3*	3*	1*	no data	no data
Hungary ***	86	83	84	5	2	2	52	50	50
Iceland ***	4*	4*	4*	4*	4*	4*	2*	2*	2*
Ireland	38	39	39	1	1	1	2	4	5
Italy	640*	400	400*	10*	10	10*	350*	360	380
Latvia	no data	no data	no data	no data	no data	no data	no data	no data	no data
Lithuania	38	38*	no data	1	1*	no data	9	9*	no data
Luxembourg	5*	4	4*	0	0	0*	3*	3	3*
Netherlands	37	36	36*	0	0	0*	37	36	36*
Norway	84	84	85	8	8	8	25	25	30
Poland	300*	300*	no data	35*	35*	no data	4*	4*	no data
Portugal	25*	25*	no data	25*	25*	no data	15*	15*	no data
Romania	50*	50*	no data	10*	10*	no data	10*	10*	no data
Serbia	31*	31*	31*	2*	2*	2*	15*	15*	15*
Slovakia	47	44	44	1	4	4	33	21	21
Slovenia	16	17	17	1	1	1	1	1	1
Spain	220	220	220	70	70	70	25	25	25
Sweden	87*	87*	87*	10*	10*	10*	90*	90*	90*
Switzerland	142*	142*	no data	5*	5*	no data	80*	80*	no data
Turkey ***	112	119	214	535	535	556	15	15*	15*
EU-28	> 3.460	> 3149	>2537	> 255	> 238	>153	> 2.011	> 1718	>1837
Europe	> 3.833	> 3529	>2871	> 809	> 792	>723	> 2.148	> 1855	>1929
Ontario - Canada	145	145*	no data	5	5*	no data	100	100*	no data
South Africa	29	30	30	26	26	26	36	37	37

\*\* One or more plants are operated and owned by the road administration

\*\*\* One or more plants are operated and owned by the road administration and/or municipalities

\*\*\*\* Total of stationary and mobile plants

\*\*\*\*\* This can be all types, e.g. batch plants and/or drum mixer plants and/or plants with parallel drum.

## INTERESTING SITES ON THE INTERNET

<a href="http://www.eapa.org">www.eapa.org</a>	European Asphalt Pavement Association
<a href="http://www.sdruzeni-silnice.cz">www.sdruzeni-silnice.cz</a>	Road Contractors Association Prague
<a href="http://www.asfaltindustrien.dk">www.asfaltindustrien.dk</a>	Danish Asphalt Pavement Association
<a href="http://www.vbwafalt.nl">www.vbwafalt.nl</a>	Dutch Asphalt Pavement Association
<a href="http://www.asfaldiliit.ee">www.asfaldiliit.ee</a>	Estonian Asphalt Pavement Association
<a href="http://www.infra.fi">www.infra.fi</a>	Infra Contractors' Association, Finland
<a href="http://www.routesdefrance.com">www.routesdefrance.com</a>	Routes de France
<a href="http://www.asphalt.de">www.asphalt.de</a>	German Asphalt Association
<a href="http://www.gestrata.at">www.gestrata.at</a>	Gestrata, Austria
<a href="http://www.hapa.hu">www.hapa.hu</a>	Hungarian Asphalt Pavement Association
<a href="http://www.siteb.it">www.siteb.it</a>	Italian Asphalt Association
<a href="http://www.eba.no">www.eba.no</a>	EBA - Norwegian Contractors Association
<a href="http://www.pswana.pl">www.pswana.pl</a>	Polish Asphalt Pavement Association
<a href="http://www.apdp.ro">www.apdp.ro</a>	Professional Association of Roads and Bridges of Romania
<a href="http://www.mischgut-industrie.ch">www.mischgut-industrie.ch</a>	Schweizerische Mischgut-Industrie
<a href="http://www.saaav.sk">www.saaav.sk</a>	Slovakian Asphalt Pavement Association
<a href="http://www.zdruzenje-zas.si">www.zdruzenje-zas.si</a>	Slovenian Asphalt Pavement Association
<a href="http://www.asefma.es">www.asefma.es</a>	Spanish Asphalt Association
<a href="http://www.asmud.org.tr">www.asmud.org.tr</a>	Turkish Asphalt Contractors Association
<a href="http://www.mineralproducts.org">www.mineralproducts.org</a>	UK Minerals Products Association
<a href="http://www.vegagerdin.is">www.vegagerdin.is</a>	Icelandic Road Administration
<a href="http://www.pch.public.lu">www.pch.public.lu</a>	L'administration des Ponts et Chaussées Luxembourg
<a href="http://www.lra.lt">www.lra.lt</a>	Lithuanian Road Administration
<a href="http://www.h-a-d.hr">www.h-a-d.hr</a>	Croatian Asphalt Association
<a href="http://www.highway.rs">www.highway.rs</a>	Highway Institute Serbia
<a href="http://www.asphaltpavement.org">www.asphaltpavement.org</a>	US National Asphalt Pavement Association
<a href="http://www.aapa.asn.au">www.aapa.asn.au</a>	Australian Asphalt Pavement Association
<a href="http://www.ohmpa.org">www.ohmpa.org</a>	Ontario Hot Mix Producers Association
<a href="http://www.sabita.org">www.sabita.org</a>	South African Asphalt and Bitumen Association
<a href="http://www.dohkenkyo.or.jp">www.dohkenkyo.or.jp</a>	Japan Road Contractors Association
<a href="http://www.eurobitume.eu">www.eurobitume.eu</a>	European Bitumen Association

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## EUROPEAN ASPHALT PAVEMENT ASSOCIATION

Rue du Commerce 77  
B-1040 Brussels, Belgium

Phone +32 2 502 5888  
E-mail [info@eapa.org](mailto:info@eapa.org)  
Web [www.eapa.org](http://www.eapa.org)



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