

Press release

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Market data published for 2017 . increase in Super E10 consumption, but less bioethanol on the growing petrol market

The German Bioethanol Industry Association (Bundesverband der deutschen Bioethanolwirtschaft - BDBe) has published the 2017 market data for the production of certified sustainable bioethanol for use as fuel. Production in Germany reached around 0.67 million tonnes in 2017, representing a decline of 8.8% compared with the previous year. Consumption fell slightly by just under 2.0% to around 1.15 million tonnes. On the positive side, sales of Super E10 increased and the greenhouse gas balance of certified domestic bioethanol further improved: this has according to the most recent official estimates for the year 2016 - reduced carbon emissions by 75% compared to fossil-based petrol. For the current year, the BDBe expects bioethanol consumption to undergo positive development as the mandatory target of the mineral oil companies to reduce greenhouse gas emissions of all fuels on the market, which was increased at the beginning of 2017, is likely to have an impact.

Production 2017

The bioethanol plants located in the former East German federal states produced a total of 672,930 tonnes of bioethanol from industrial beets, feed grain, residues and waste in 2017. This is a decline of 8.8% compared to the previous year. About one third of the plant raw materials are converted to bioethanol, other plant substances are added to protein feed from grains, concentrated feed from industrial beets and other products for the food and animal feed industry such as biogenic carbon dioxide and gluten.

Consumption 2017

As in 2016, the German petrol market grew in 2017, generating sales of around 18.3 million tonnes. Bioethanol reached an almost unchanged share

of the market of 6.0% by volume. Nearly 1.2 million tonnes of bioethanol were used for fuel, a decline of 1.6% from the previous year.

Sales of **Super E10** fuel, which contains up to 10% bioethanol, rose to 2.4 million tonnes which is equivalent to a market share of 13.4%. In the previous year, the market share was 12.6% at 2.3 million tonnes.

At 15.0 million tonnes in 2017, **Super E5** achieved a slightly smaller market share of 82.1%. In the previous year, the figure was 15.1 million tonnes, which represents a market share of 82.8%.

Super Plus maintained its market share of the previous year at 4.5% or around 830,000 tonnes.

Petrol 2016 and 2017 (in tonnes)				
	2016	Market share 2016	2017	Market share 2017
Super Plus	837.019	4,6%	830.289	4,5%
Super E5	15.098.530	82,8%	15.023.928	82,1%
Super E10	2.302.150	12,6%	2.441.807	13,4%
Total	18.237.749		18.296.024	

Source: BAFA

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The mineral oil companies used only 111,440 tonnes of bioethanol in the petrol additive **ETBE** (Ethyl *tert*-butyl ether), which is produced from bioethanol and fossil isobutene, 13.5 per cent less than in the previous year.

Bioethanol (EtOH) in petrol 2016 and 2017 (in tonnes)			
	2016	2017	Change > previous year
EtOH in ETBE	128.760	111.440	-13,5%
EtOH as an admixture	1.046.694	1.045.080	-0,2%
EtOH total	1.175.454	1.156.520	-1,6%
Total petrol without EtOH	17.062.295	17.139.504	0,5%
Total petrol with EtOH	18.237.749	18.296.024	0,3%
Percentage of EtOH by volume in petrol	6,1%	6,0%	

Source: BAFA

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According to preliminary figures from the Federal Office of Economic Affairs and Export Control (BAFA), the consumption of bioethanol increased by more than 9% between January and the end of April 2018 in a year-on-year comparison.

Stefan Walter, Managing Director of the BDBe: ~~We~~ We assume that the greenhouse gas savings quota increased on 1 January 2017 will have a positive impact on the use of bioethanol as a petrol admixture this year. The

improved greenhouse gas balance of domestic bioethanol shows that the biofuels established on the fuel market can make an increasing contribution to climate change mitigation. Policies should encourage this development by increasing the greenhouse gas savings target starting in 2019 and not just in 2020.+

You can read the detailed market data 2017 with further information graphics and tables at <http://www.bdbe.de/daten/marktdaten-deutschland>

Bioethanol is the most widespread biofuel in the world and also an important component of sustainable mobility in Germany. The German Bioethanol Industry Association (BDBe) represents the interests of the biofuel sector's member companies and associations, spanning agricultural production of the raw materials all the way to industrial production and processing of bioethanol and all co-products (DDGS, CDS, biogenic carbon dioxide, gluten, yeast, biomethane, organic fertiliser).

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