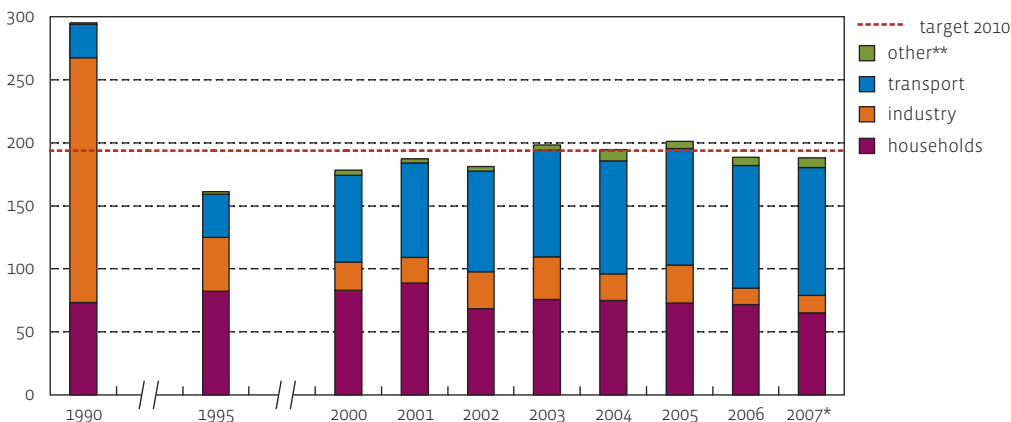




PAH emissions (tonnes)



* provisional figures, ** other: energy + agriculture + trade & services

Source: VITO

Global PAH emissions remain the same, emissions from transport keep increasing

In the period 1995-2007 the total PAH emissions in Flanders rose by 17 %, to just below the target for 2010 (192 tonnes). Since 1995 the PAH emissions from transport have almost tripled and in 2007 represented 54 % of the total PAH emissions. The increase in the total PAH emissions in this sector is attributable to the increasing use of diesel and the increase in naphthalene content as a result of the use of catalytic converters. The harmful PAHs are decreasing in terms of absolute quantity.

35 % of the total emission of PAHs in 2007 came from households, the main sources being the heating of buildings with coal and wood and the incineration of waste in small barrels and open fires. The industry managed to reduce the emission of PAHs considerably between 1990 and 2000 by reducing the use of creosote and carbolineum for wood preservation and the banning of tar oil and pitch as binding agents for the construction of asphalt roads.

PAH emissions (kg)	1990	1995	2000	2006	2007*
households	73 270	82 303	83 175	71 575	64 991
industry	194 043	42 781	22 315	13 051	13 818
transport	26 444	34 222	68 776	97 516	101 544
other**	1 488	1 709	3 597	6 226	7 658
<i>total</i>	<i>295 245</i>	<i>161 015</i>	<i>178 222</i>	<i>188 368</i>	<i>188 011</i>