

Annex D1

# Technology Group Fractions

Annex D1-1 - Technology Group Fractions

FirstRegYear	HG(7) DIESEL		HG(8) DIESEL		LGV(4) DIESEL			LGV(6) DIESEL		NFB(6) DIESEL		NFB(7) DIESEL		NFB(8) DIESEL		PrLB(4) DIESEL			PrLB(5) DIESEL LPG				
	DOC	nil	DOC	nil	DOC	trap	nil	DOC	nil	DOC	nil	DOC	nil	DOC	nil	DOC	trap	nil	DOC	trap	nil	nil	
1965																							
1966																							
1967																							
1968																							
1969																							
1970																							
1971		100%		100%						100%	100%		0%		100%								100%
1972		100%		100%						100%	100%		100%		100%	100%							100%
1973		100%		100%						100%	100%		100%		100%	100%							100%
1974		100%		100%						100%	100%		100%		100%	100%							100%
1975		100%		100%						100%	100%		100%		100%	100%							100%
1976		100%		100%	0%					100%	100%		100%		100%	100%							100%
1977		100%		100%	0%					100%	100%		100%		100%	100%							100%
1978		100%		100%	0%		100%	0%		100%	100%		100%		100%	100%							100%
1979		100%		100%	0%					100%	100%		100%		100%	100%							100%
1980		100%		73.3333%	26.6667%					100%	100%		100%		33.3333%	66.6667%							100%
1981		66.6667%	33.3333%	72.7273%	27.2727%					100%	0%		100%		50.0000%	50.0000%							100%
1982		100.0000%	0.0000%	50.0000%	50.0000%					100%	0%		100%		100%	0%							100%
1983		50.0000%	50.0000%	87.5000%	12.5000%					66.6667%	33.3333%		100%		100%	0%							100%
1984		72.0000%	28.0000%	58.3333%	41.6667%			100%	0%	66.6667%	33.3333%		100%		100%	0%	11.1111%	88.8889%			100%	0%	
1985		73.3333%	26.6667%	68.7285%	31.2715%				100%	76.9231%	23.0769%		100%		100%	0%						100.0000%	
1986		79.7872%	20.2128%	69.3227%	30.6773%			12.5000%	87.5000%	74.1379%	25.8621%		100%		0%	100%	0%			75.0000%		100.0000%	
1987		77.6119%	22.3881%	67.2154%	32.7846%			5.5556%	72.2222%	79.2049%	20.7951%		100%		90.9091%	9.0909%	25.0000%	75.0000%				100.0000%	
1988		82.8571%	17.1429%	64.2534%	35.7466%			7.5000%	70.0000%	20.4918%	90.9091%	9.0909%	9.0909%	25.0000%	75.0000%		0.0000%	66.6667%				100.0000%	
1989		83.5260%	16.4740%	74.5567%	25.4433%			11.3208%	66.5094%	22.1698%	83.7427%	16.2573%	87.5000%	12.5000%	87.1795%	12.8205%	83.3333%	16.6667%			25.0000%	50.0000%	25.0000%
1990		84.3496%	15.6504%	81.9653%	18.0347%			9.3429%	66.0164%	24.6407%	80.7590%	19.2410%	100%		84.6774%	15.3226%		100%				100%	
1991		84.3581%	15.6419%	84.1786%	15.8214%			9.0699%	60.5688%	30.3613%	82.9316%	17.0684%	80.0000%	20.0000%	75.0000%	25.0000%		100%				100%	
1992		66.3609%	33.6391%	39.2181%	60.7819%			12.2888%	61.9410%	25.7701%	80.3092%	19.6908%	8.0460%	91.9540%	8.8331%	91.3669%	4.2683%	95.7317%	0.0000%	100.0000%	31.5789%	52.6316%	15.7895%
1993		2.9170%	97.0830%	2.2764%	97.7236%			14.4899%	56.7877%	28.7225%	6.6877%	93.3123%	8.6331%	91.3669%	4.2683%	95.7317%	0.0000%	100.0000%		31.5789%	52.6316%	15.7895%	1.7544%
1994		2.2843%	97.7157%	1.4248%	98.5752%			18.9985%	50.7732%	30.2283%	5.0591%	94.9409%	8.1395%	91.8605%	3.2520%	96.7480%	6.6667%	93.3333%		27.1429%	55.7143%	17.1429%	
1995		0.1862%	99.8138%	0.1549%	99.8451%			5.3435%	13.8836%	80.7729%	1.3395%	98.6605%	1.1538%	98.8462%	0.2950%	99.7050%		100%		3.1746%	7.9365%	88.8889%	
1996		100%		100%						100%		100%		100%		100%		100%					100%
1997		100%		100%						100%		100%		100%		100%		100%					100%
1998		100%		100%						100%		100%		100%		100%		100%					100%
1999		100%		100%						100%		100%		100%		100%		100%					100%
2000		100%		100%						100%		100%		100%		100%		100%					100%
2001		100%		100%						100%		100%		100%		100%		100%					100%
2002		100%		100%						100%		100%		100%		100%		100%					100%
2003		100%		100%						100%		100%		100%		100%		100%					100%

FirstRegYear	Euro Std	HG(7) DIESEL		HG(8) DIESEL		LGV(4) DIESEL			LGV(6) DIESEL		NFB(6) DIESEL		NFB(7) DIESEL		NFB(8) DIESEL		PrLB(4) DIESEL			PrLB(5) DIESEL LPG								
		nil		nil		nil			nil		nil		nil		nil		Euro Std	PrLB(4) DIESEL	FirstRegYear	Euro Std	DIESEL	nil	LPG					
1995	pre-Euro	29.7952%	29.6089%	27.3103%	27.1554%	1995	pre-Euro	28.2443%	9.0172%	1995	pre-Euro	28.8876%	27.5480%	15.0579%	13.9041%	24.9258%	24.6308%	51.2821%	nil	51.2821%	1995	pre-Euro	20.6349%	9.5238%	1995	pre-Euro	15.2174%	3.3255%
1995	Euro I	70.2048%		72.6897%		1995	Euro I	71.7557%		1995	Euro I	71.1124%		84.9421%		75.0742%		48.7179%			1995	Euro I	79.3651%		1995	Euro I	84.7826%	
1996	Euro I	100.0000%		100.0000%		1996	Euro I	100.0000%		1996	Euro I	100.0000%		100.0000%		100.0000%		28.8390%		25.4902%	1996-1998	Euro I	100.0000%		1996	Euro I	100.0000%	
1997	Euro I	21.9780%		22.2447%		1997	Euro I	100.0000%		1997	Euro I	22.3560%		24.6862%		71.1610%		74.5098%		74.5098%	1999	Euro I	33.3333%		1997	Euro I	98.9632%	
1997	Euro II	78.0220%		77.7553%		1997	Euro II	-		1997	Euro II	77.6440%		75.3138%		100.00%		100.00%		100.00%	1999	Euro II	66.6667%		1998	Euro I	82.1918%	
2001	Euro II	75.2500%		84.2345%		1998	Euro I	100.0000%		1998-2000	Euro II	100.0000%		100.00%		100.00%		100.00%		100.00%	2000-2001	Euro II	100.0000%		1998	Euro II	17.8082%	
2001	Euro III	24.7500%		15.7655%		1998	Euro III	-		2001	Euro II	79.1990%		82.5472%		81.5287%		67.7632%		67.7632%	2002-2006	Euro III	100.0000%		2003	Euro II	21.0526%	
2002-2005	Euro III	100.0000%		100.0000%		1999	Euro I	47.2756%		2001	Euro III	20.8010%		17.4528%		18.4713%		32.2368%		32.2368%	2007-2026	Euro IV	100.0000%		2003	Euro III	28.9474%	
2006	Euro III	75.0000%		75.0000%		1999	Euro II	52.7244%		2002-2005	Euro II	100.0000%		100.0000%		100.0000%		100.0000%		100.0000%	2004	Euro III	50.0000%		2004	Euro III	50.0000%	50.0000%
2006	Euro IV	25.0000%		25.0000%		2000-2001	Euro II	100.0000%		2006	Euro III	75.0000%		75.0000%		75.0000%		75.0000%		75.0000%	2005	Euro III	50.0000%		2005	Euro III	50.0000%	50.0000%
2007-2008	Euro IV	100.0000%		100.0000%		2002-2006	Euro III	100.0000%		2002-2006	Euro III	100.0000%		100.0000%		100.0000%		100.0000%		100.0000%	2006	Euro III	37.5000%		2006	Euro III	37.5000%	37.5000%
2009	Euro IV	75.0000%		75.0000%		2007-2026	Euro IV	100.0000%		2007-2026	Euro IV	100.0000%		100.0000%		100.0000%		100.0000%		100.0000%	2006	Euro IV	12.5000%		2006	Euro IV	12.5000%	12.5000%
2009	Euro V	25.0000%		25.0000%										75.0000%		75.0000%		75.0000%		75.0000%	2007-2026	Euro IV	50.0000%		2007-2026	Euro IV	50.0000%	50.0000%
2010-2026	Euro V	100.0000%		100.0000%										25.0000%		25.0000%		25.0000%		25.0000%								
														100.0000%		100.0000%		100.0000%		100.0000%								

raw data - end 2003

Pre-Euro Buses		Euro I Buses			Euro II Buses			Euro III Buses					Total
Pre-Euro engine : total	To be scrapped in 2004	FITTED with CAT	Euro I engine : total	FITTED with CRT/DPX	Euro II engine : total	FITTED with CRT/DPX	Euro II engine : total	FITTED with VEC* system and upgraded	Euro III engine : total	FITTED with CRT/DPX	To be fitted with CRT/DPX	Subtotal	Total
1314	337	1314	1338	1323	15	2744	181	424	424	359	33	0	783 6179

FB	wo DOC/ CRT	DOC	CRT	VEC	FBDD						FBSD												
					FirstRegYear	Euro Std	DIESEL	dieselwo	DOC	CRT	VEC	FirstRegYear	Euro Std	DIESEL	dieselwo	DOC	CRT	VEC					
pre95	0	1.314	0	0	1995	pre-Euro	23.51%	0.0000%	23.5135%	1995	pre-Euro	100.00%	0.0000%	100.0000%									
					1995	Euro I	76.49%	0.0000%	75.6290%	0.8575%			0.0000%	0.0000%	0.0000%								
					1997	Euro I	31.42%	0.0000%	31.0649%	0.3522%			30.77%	0.0000%	30.4243%	0.3449%							
					1997	Euro II	68.58%	55.4855%	0.0000%	3.9184%	9.1790%		1997	Euro II	69.23%	56.0096%	0.0000%	3.9554%	9.2657%				
					2001	Euro II	80.50%	65.1279%	0.0000%	4.5994%	10.7742%		20										

Annex D1-1 - Technology Group Fractions

FirstRegYear	PLB				taxi				PC+LGV(1) PETROL				PC+LGV(3) DIESEL							
	DIESEL			LPG	DIESEL			LPG	PC			LGV(3)	LGV(4)	PC			LGV(3)			
	DOC	trap	nil	nil	DOC	trap	nil	nil	All	All	All	All	DOC	trap	nil	All	DOC	trap	nil	
1965																				
1966																				
1967																				
1968																				
1969																				
1970																				
1971				100%				100%												
1972				100%				100%												
1973				100%				100%												
1974				100%				100%												
1975				100%				100%												0%
1976				100%				100%												0%
1977				100%				100%												0%
1978				100%				100%												0%
1979				100%				100%												0%
1980				100%				100%												0%
1981				100%				100%												0%
1982				100%				100%												0%
1983				100%				100%												0%
1984				100%				100%												0%
1985	100%			0%				100%												0%
1986				100%				100%												0%
1987				100%				100%												0%
1988	31.9149%	61.7021%		6.3830%				100%												0%
1989	47.1861%	44.1558%		8.6580%				100%												0%
1990	47.9021%	39.1608%		12.9371%				100%												0%
1991	49.3404%	38.5224%		12.1372%				100%												0%
1992	43.7055%	43.9430%		12.3515%				100%												0%
1993	33.9468%	52.7607%		13.2924%				100%												0%
1994	46.8750%	39.2045%		13.9205%				100%												0%
1995	11.0619%	5.7522%		83.1858%				50.0000%												0%
1996				100%				100%												0%
1997				100%				100%												0%
1998				100%				100%												0%
1999				100%				100%												0%
2000				100%				100%												0%
2001				89.8876%				10.1124%												100%
2002				13.2132%				86.7868%												100%
2003				28.4188%				71.5812%												100%

FirstRegYear	PLB		
	DIESEL	LPG	nil
1995 pre-Euro	20.3540%	3.5398%	nil
1995 Euro I	79.6460%		
1996 Euro I	100.0000%		
1997 Euro I	100.0000%		
1998 Euro I	75.7225%		
1998 Euro II	24.2775%		
1999-2000 Euro II	100.0000%		
2001 Euro II	89.8876%		
2002 Euro II	13.2132%	86.7868%	
2003 Euro II	5.7692%		
2003 Euro III	22.6496%	71.5812%	
2004-2005 Euro III	28.4188%	71.5812%	
2006-2007 Euro III	21.3141%	53.6862%	
2006-2007 Euro IV	7.1047%	17.8954%	
2007-2026 Euro IV	28.4188%	71.5812%	

FirstRegYear	Taxi			PC+LGV(1)			PC+LGV(3)			MC					
	Euro Std	DIESEL	LPG	FirstRegYear	Euro Std	PC	LGV(3)	LGV(4)	FirstRegYear	Euro Std	PC	LGV(3)	FirstRegYear	Euro Std	PETROL
1999 Euro I	6.8592%			1995 pre-Euro	38.3731%	0.0784%	0.1830%		1995 pre-Euro	5.1339%	nil	6.9196%	1999 pre-Euro		73.1777%
1999 Euro II	9.0253%			1995 Euro I	60.7748%	0.5803%	0.0105%		1995 Euro I	43.5268%		22.0982%	1999 Euro I		26.8223%
				1996 Euro I	99.7440%	0.1506%	0.1054%		1996 Euro I	62.5000%		37.5000%			
				1997 Euro I	19.7551%				1997 Euro I	74.4949%		25.5051%			
2003 Euro II		64.4578%		1997 Euro II	80.1106%				1998 Euro I	57.7586%		42.2414%			
2003 Euro III		35.5422%		1998 Euro II	99.5535%				1999 Euro I			52.0548%			
2004-2005 Euro III		100.0000%		1998 Euro I		0.0546%	0.3919%		1999 Euro II			46.5753%			
2006-2026 Euro IV		100.0000%		1999 Euro I		0.0036%	0.3195%		1999 Euro III	1.3699%					
				1999 Euro II	98.8155%	0.0287%	0.8327%		2000 Euro II			100.0000%			
				2000 Euro II	98.0571%	0.0299%	1.9130%		2001 Euro II			100.0000%			
				2001 Euro III	98.2545%	0.0500%	1.6955%		2002 Euro III			95.4545%			
				2002 Euro III	99.5521%	0.0808%	0.3671%		2002 Euro IV	4.5455%					
				2003-2005 Euro III	99.7133%	0.0265%	0.2602%		2003 Euro III			50.0000%			
				2006-2026 Euro IV	99.7133%	0.0265%	0.2602%		2003 Euro IV	50.0000%					
									2004-2006 Euro III			100.0000%			
									2007-2026 Euro IV			100.0000%			

Annex D1-2 - Summary of Applied Technology Fractions

PC+LGV(1)	PC+LGV(1)					PC+LGV(3+4)				
	pre-Euro	Euro I	Euro II	Euro III	Euro IV	pre-Euro	Euro I	Euro II	Euro III	Euro IV
Tech Index #	1	10	13	23	24	1	9	15	18	28
Year										
1964-1981	100.00%									
1982	98.82%					1.1765%				
1983	100.00%					0.0000%				
1984	99.06%					0.9434%				
1985	99.18%					0.8163%				
1986	95.10%					4.9020%				
1987	93.43%					6.5663%				
1988	95.59%					4.4053%				
1989	96.97%					3.0340%				
1990	97.68%					2.3244%				
1991	98.99%					1.0107%				
1992	99.48%					0.5200%				
1993	99.4362%					0.5638%				
1994	99.5365%					0.4635%				
1995	38.3731%	60.7748%				0.2614%	0.5908%			
1996		99.7440%					0.2560%			
1997		19.7551%	80.1106%				0.1343%			
1998			99.5535%				0.4465%			
1999			98.8155%				0.3231%	0.8614%		
2000			98.0571%					1.9429%		
2001				98.2545%					1.7455%	
2002				99.5521%					0.4479%	
2003-2005				99.7133%					0.2867%	
2006-2026					99.7133%					0.2867%

Notes:

Value is sum of pre-Euro from LGV(3) and LGV(4) under PC+LGV(1)

Annex D1-2 - Summary of Applied Technology Fractions

PC+LGV(3)	PC						PC+LGV(3)	PC					
	pre-Euro	pre-Euro w trap	pre-Euro w DOC	Euro I	Euro III	Euro IV	pre-Euro	pre-Euro w traps	pre-Euro w	Euro I	Euro II	Euro III	Euro IV
Tech Index #	170	171	172	173	175	176	178	179	180	181	182	183	184
Year													
1965-1975	100%												
1976	0%	100%											
1977	50.0000%		50.0000%										
1978	12.5000%	25.0000%	62.5000%										
1979	20.0000%	40.0000%	40.0000%										
1980	16.6667%	33.3333%	33.3333%					16.6667%					
1981	6.6667%	53.3333%	40.0000%										
1982	0%	57.1429%	42.8571%										
1983	42.8571%	7.1429%	28.5714%				7.1429%	14.2857%					
1984	33.3333%	33.3333%	22.2222%				0.0000%	11.1111%					
1985	7.6923%	34.6154%	23.0769%				11.5385%	11.5385%	11.5385%				
1986	15.0000%	20.8333%	4.1667%				15.8333%	39.1667%	5.0000%				
1987	7.1429%	7.5630%	4.6218%				16.8067%	56.3025%	7.5630%				
1988	9.4891%	13.1387%	4.3796%				12.4088%	56.2044%	4.3796%				
1989	8.7879%	16.9697%	5.4545%				15.4545%	46.6667%	6.6667%				
1990	7.4627%	17.0576%	5.5437%				17.9104%	43.4968%	8.5288%				
1991	11.0294%	22.5490%	10.5392%				15.6863%	30.6373%	9.5588%				
1992	6.6071%	8.0357%	5.7143%				29.4643%	36.9643%	13.2143%				
1993	9.4805%	9.8701%	8.3117%				24.4156%	32.9870%	14.9351%				
1994	12.8049%	9.2988%	11.2805%				20.4268%	31.5549%	14.6341%				
1995	5.1339%	3.3482%	3.7946%	43.5268%			6.9196%	8.9286%	6.2500%	22.0982%			
1996				62.5000%						37.5000%			
1997				74.4949%						25.5051%			
1998				57.7586%						42.2414%			
1999					1.3699%					52.0548%	46.5753%		
2000-2001											100.0000%		
2002						4.5455%						95.4545%	
2003						50.0000%						50.0000%	
2004-2006												100.0000%	
2007-2026													100.0000%

**Annex D1-2 - Summary of Applied Technology Fractions**

PC+LGV(4)							
	pre-Euro	pre-Euro w trap	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV
Tech Index #	178	179	180	181	182	183	184
Year							
1966-1983	100.0000%						
1984		100.0000%					
1985		100.0000%					
1986		87.5000%	12.5000%				
1987	22.2222%	72.2222%	5.5556%				
1988	22.5000%	70.0000%	7.5000%				
1989	22.1698%	66.5094%	11.3208%				
1990	24.6407%	66.0164%	9.3429%				
1991	30.3613%	60.5688%	9.0699%				
1992	25.7701%	61.9410%	12.2888%				
1993	28.7225%	56.7877%	14.4899%				
1994	30.2283%	50.7732%	18.9985%				
1995	9.0172%	13.8836%	5.3435%	71.7557%			
1996-1998				100.0000%			
1999				47.2756%	52.7244%		
2000-2001					100.0000%		
2002-2006						100.0000%	
2007-2026							100.0000%

Annex D1-2 - Summary of Applied Technology Fractions

PLB	Diesel							LPG	
	pre-Euro	pre-Euro w Trap	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV	Euro III	Euro IV
Tech Index #	186	187	188	189	190	191	192	18	28
Year									
1966-1984	100.0000%								
1985			100.0000%						
1986	100.0000%								
1987		100.0000%							
1988	6.3830%	61.7021%	31.9149%						
1989	8.6580%	44.1558%	47.1861%						
1990	12.9371%	39.1608%	47.9021%						
1991	12.1372%	38.5224%	49.3404%						
1992	12.3515%	43.9430%	43.7055%						
1993	13.2924%	52.7607%	33.9468%						
1994	13.9205%	39.2045%	46.8750%						
1995	3.5398%	5.7522%	11.0619%	79.6460%					
1996				100.0000%					
1997				100.0000%					
1998				75.7225%	24.2775%				
1999					100.0000%				
2000					100.0000%				
2001					89.8876%			10.1124%	
2002					13.2132%			86.7868%	
2003					5.7692%	22.6496%		71.5812%	
2004						28.4188%		71.5812%	
2005						28.4188%		71.5812%	
2006						21.3141%	7.1047%	53.6862%	17.8954%
2007-2026							28.4188%		71.5812%

**Annex D1-2 - Summary of Applied Technology Fractions**

LGV(6)	Diesel					
	pre-Euro	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV
Tech Index #	120	121	122	127	128	132
Year						
1966-1980	100.0000%					
1981-1982		100%				
1983-1984	33.3333%	66.6667%				
1985	23.0769%	76.9231%				
1986	25.8621%	74.1379%				
1987	20.7951%	79.2049%				
1988	20.4918%	79.5082%				
1989	16.2573%	83.7427%				
1990	19.2410%	80.7590%				
1991	17.0684%	82.9316%				
1992	19.6908%	80.3092%				
1993	93.3123%	6.6877%				
1994	94.9409%	5.0591%				
1995	27.5480%	1.3395%	71.1124%			
1996			100.0000%			
1997			22.3560%	77.6440%		
1998-2000				100.0000%		
2001				79.1990%	20.8010%	
2002-2005					100.0000%	
2006					75.0000%	25.0000%
2007-2026						100.0000%



**Annex D1-2 - Summary of Applied Technology Fractions**

HGV < 15t	Diesel						
	pre-Euro	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV	Euro V
Tech Index #	123	124	125	126	129	130	131
Year							
1966-1980	100.0000%						
1981	33.3333%	66.6667%					
1982	0.0000%	100.0000%					
1983	50.0000%	50.0000%					
1984	28.0000%	72.0000%					
1985	26.6667%	73.3333%					
1986	20.2128%	79.7872%					
1987	22.3881%	77.6119%					
1988	17.1429%	82.8571%					
1989	16.4740%	83.5260%					
1990	15.6504%	84.3496%					
1991	15.6419%	84.3581%					
1992	33.6391%	66.3609%					
1993	97.0830%	2.9170%					
1994	97.7157%	2.2843%					
1995	29.6089%	0.1862%	70.2048%				
1996			100.0000%				
1997			21.9780%	78.0220%			
1998-2000				100.0000%			
2001				75.2500%	24.7500%		
2002-2005					100.0000%		
2006					75.0000%	25.0000%	
2007-2008						100.0000%	
2009						75.0000%	25.0000%
2010-2026							100.0000%

Annex D1-2 - Summary of Applied Technology Fractions

HGV > 15t	Diesel						
	pre-Euro	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV	Euro V
Tech Index #	153	155	154	157	159	160	161
Year							
1966-1975	100.0000%						
1976-1979		100.0000%					
1980	26.6667%	73.3333%					
1981	27.2727%	72.7273%					
1982	50.0000%	50.0000%					
1983	12.5000%	87.5000%					
1984	41.6667%	58.3333%					
1985	31.2715%	68.7285%					
1986	30.6773%	69.3227%					
1987	32.7846%	67.2154%					
1988	35.7466%	64.2534%					
1989	25.4433%	74.5567%					
1990	18.0347%	81.9653%					
1991	15.8214%	84.1786%					
1992	60.7819%	39.2181%					
1993	97.7236%	2.2764%					
1994	98.5752%	1.4248%					
1995	27.1554%	0.1549%	72.6897%				
1996			100.0000%				
1997			22.2447%	77.7553%			
1998-2000				100.0000%			
2001				84.2345%	15.7655%		
2002-2005					100.0000%		
2006					75.0000%	25.0000%	
2007-2008						100.0000%	
2009						75.0000%	25.0000%
2010-2026							100.0000%

Annex D1-2 - Summary of Applied Technology Fractions

FBDD	Diesel										
	pre-Euro	pre-Euro w DOC	Euro I w DOC	Euro I w CRT	Euro II	Euro II w CRT	Euro II w VEC	Euro III	Euro III w CRT	Euro IV	Euro V
Tech Index #	216	217	219	225	220	221	227	222	223	224	226
Year											
1966-1994	100.0000%										
1995-1996		23.5135%	75.6290%	0.8575%							
1997-2000*	1.0000%		31.0649%	0.3522%	54.4855%	3.9184%	9.1790%				
2001					65.1279%	4.5994%	10.7742%	17.7063%	1.7924%		
2002-2005								90.8078%	9.1922%		
2006								68.1058%	6.8942%	25.0000%	
2007-2008										100.0000%	
2009										75.0000%	25.0000%
2010-2026											100.0000%

\* Original data sum up to 99% only. The missing 1% of vehicles was added to Euro I for conservative considerations

**Annex D1-2 - Summary of Applied Technology Fractions**

<b>MC</b>	<b>Petrol</b>	
	<b>pre-Euro</b>	<b>Euro I</b>
<b>Tech Index #</b>	263	266
<b>Year</b>		
1966-1998	100.0000%	
1999	73.1777%	26.8223%
2000-2026		100.0000%

Annex D1-2 - Summary of Applied Technology Fractions

Taxi	Diesel					LPG		
	pre-Euro	pre-Euro w Trap	pre-Euro w DOC	Euro I	Euro II	Euro II	Euro III	Euro IV
Tech Index #	170	171	172	173	174	13	23	24
Year								
1966-1991	100.0000%							
1992		100.0000%						
1993		100.0000%						
1994	71.4286%	28.5714%						
1995	50.0000%		50.0000%					
1996				100.0000%				
1997				41.1765%		58.8235%		
1998				100.0000%				
1999				6.8592%	9.0253%	84.1155%		
2000					0.4115%	99.5885%		
2001-2002						100.0000%		
2003						64.4578%	35.5422%	
2004-2005							100.0000%	
2006-2026								100.0000%

Annex D1-2 - Summary of Applied Technology Fractions

PrLB < 3.5t	Diesel						
	pre-Euro	pre-Euro w Trap	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV
Tech Index #	178	179	180	181	182	183	184
Year							
1966-1983	100.0000%						
1984		100.0000%					
1985	100.0000%						
1986	25.0000%	75.0000%					
1987	100.0000%						
1988	33.3333%	66.6667%	0.0000%				
1989	25.0000%	50.0000%	25.0000%				
1990	100.0000%						
1991	100.0000%						
1992	19.0476%	45.2381%	35.7143%				
1993	15.7895%	52.6316%	31.5789%				
1994	17.1429%	55.7143%	27.1429%				
1995	9.5238%	7.9365%	3.1746%	79.3651%			
1996-1998				100.0000%			
1999				33.3333%	66.6666%		
2000-2001					100.0000%		
2002-2006						100.0000%	
2007-2026							100.0000%

Annex D1-2 - Summary of Applied Technology Fractions

PrLB > 3.5t	Diesel							LPG	
	pre-Euro	pre-Euro w Trap	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV	Euro III	Euro IV
Tech Index #	186	187	188	189	190	191	192	18	28
Year									
1966-1984	100.0000%								
1985	0.0000%	81.8182%	18.1818%						
1986	0.0000%	100.0000%							
1987	29.6296%	48.1481%	22.2222%						
1988	13.7931%	65.5172%	20.6897%						
1989	20.0000%	60.0000%	20.0000%						
1990	18.5185%	66.6667%	14.8148%						
1991	10.9890%	69.2308%	19.7802%						
1992	11.5942%	57.9710%	30.4348%						
1993	19.2982%	47.3684%	31.5789%					1.7544%	
1994	15.5914%	29.5699%	54.8387%						
1995	3.3255%	2.7027%	9.1892%	84.7826%					
1996				100.0000%					
1997				98.9632%				1.3699%	
1998				82.1918%	17.8082%				
1999					98.6301%			1.3699%	
2000					97.2222%			2.7778%	
2001					95.1613%			4.8387%	
2002					39.2857%			60.7143%	
2003					21.0526%	28.9474%		50.0000%	
2004-2005						50.0000%		50.0000%	
2006						37.5000%	12.5000%	37.5000%	12.5000%
2007-2026							50.0000%		50.0000%

**Annex D1-2 - Summary of Applied Technology Fractions**

NFB (6)	Diesel						
	pre-Euro	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV	Euro V
Tech Index #	120	121	122	127	128	132	133
Year							
1966-1971		100.0000%					
1972-1985	100.0000%						
1986		100.0000%					
1987	100.0000%						
1988	9.0909%	90.9091%					
1989	12.5000%	87.5000%					
1990	100.0000%						
1991	20.0000%	80.0000%					
1992	8.0460%	91.9540%					
1993	91.3669%	8.6331%					
1994	91.8605%	8.1395%					
1995	13.9041%	1.1538%	84.9421%				
1996			100.0000%				
1997			24.6862%	75.3138%			
1998-2000				100.0000%			
2001				82.5472%	17.4528%		
2002-2005					100.0000%		
2006					75.0000%	25.0000%	
2007-2008						100.0000%	
2009						75.0000%	25.0000%
2010-2026							100.0000%



**Annex D1-2 - Summary of Applied Technology Fractions**

NFB (7)	Diesel						
	pre-Euro	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV	Euro V
Tech Index #	123	124	125	126	129	130	131
Year							
1966-1978	100.0000%						
1979		100.0000%					
1980	66.6666%	33.3334%					
1981	50.0000%	50.0000%					
1982-1986		100.0000%					
1987	9.0909%	90.9091%					
1988	3.3333%	96.6667%					
1989	12.8205%	87.1795%					
1990	15.3226%	84.6774%					
1991	25.0000%	75.0000%					
1992	10.0478%	89.9522%					
1993	95.7317%	4.2683%					
1994	96.7480%	3.2520%					
1995	24.6308%	0.2950%	75.0742%				
1996			100.0000%				
1997			28.8390%	71.1610%			
1998-2000				100.0000%			
2001				81.5287%	18.4713%		
2002-2005					100.0000%		
2006					75.0000%	25.0000%	
2007-2008						100.0000%	
2009						75.0000%	25.0000%
2010-2026							100.0000%

**Annex D1-2 - Summary of Applied Technology Fractions**

NFB (8)	Diesel						
	pre-Euro	pre-Euro w DOC	Euro I	Euro II	Euro III	Euro IV	Euro V
Tech Index #	153	155	154	157	159	160	161
Year							
1966-1971	100.0000%						
1972		100.0000%					
1973-1977	100.0000%						
1978		100.0000%					
1979-1983	100.0000%						
1984	88.8889%	11.1111%					
1985-1986	100.0000%						
1987	75.0000%	25.0000%					
1988	76.9231%	23.0769%					
1989	16.6667%	83.3333%					
1990-1991	100.0000%						
1992	7.4074%	92.5926%					
1993	100.0000%	0.0000%					
1994	93.3333%	6.6667%					
1995	51.2821%		48.7179%				
1996			100.0000%				
1997			25.4902%	74.5098%			
1998-2000				100.0000%			
2001				67.7632%	32.2368%		
2002-2005					100.0000%		
2006					75.0000%	25.0000%	
2007-2008						100.0000%	
2009						75.0000%	25.0000%
2010-2026							100.0000%

Annex D1-2 - Summary of Applied Technology Fractions

FBSD	Diesel								
	pre-Euro	pre-Euro w DOC	Euro I w DOC	Euro I w CRT	Euro II	Euro II w CRT	Euro II w VEC	Euro IV	Euro V
Tech Index #	216	217	219	225	220	221	227	224	226
Year									
1966-1994	100.0000%								
1995-1996		100.0000%							
1997-2000			30.4243%	0.3449%	56.0096%	3.9554%	9.2657%		
2001-2006					80.9028%	5.7134%	13.3838%		
2007-2008								100.0000%	
2009								75.0000%	25.0000%
2010-2026									100.0000%