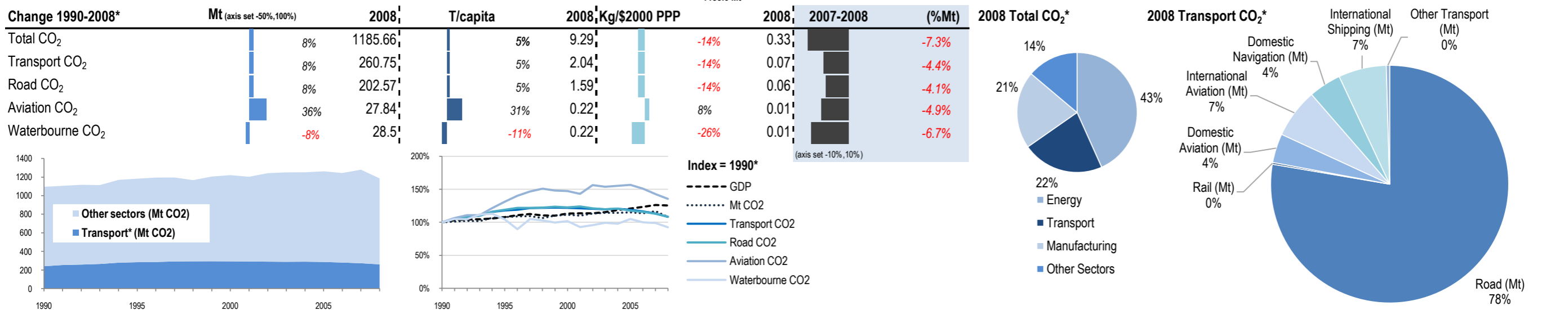


Japan

EU-27 N. America **Asia-Pacific** Other ITF or OECD Top 10 non-ITF



Transport and the Economy	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	1990-2008	%/year**	% 2007-2008
Population (millions)	123.61	125.57	126.93	127.32	127.49	127.69	127.79	127.77	127.77	127.77	127.69	3%	0.18%	-0.06%
GDP PPP (billion 2000 US dollars)	2870.68	3095.63	3250.28	3256.28	3264.81	3310.96	3401.83	3467.62	3538.34	3623.02	3597.63	25%	1.26%	-0.70%
Road passenger km (million pkm)	853060	917419	951251	954293	955412	954186	947563	933005	917938	919062	905907	6%	0.33%	-1.43%
Road and Rail freight tkm (million tkm)	301440	319749	335254	335265	334159	344656	350108	357792	369726	378134	368676	22%	1.12%	-2.50%
Road pkm/capita	6901	7306	7494	7495	7494	7473	7415	7302	7184	7193	7095	3%	0.15%	-1.37%
Road and Rail freight tkm/\$ gdp	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-2%	-0.14%	-1.81%
Passenger cars per 1000 inhabitants	262	311	334	334	335	334	335	335	331	325	319	22%	1.09%	-1.85%
CO2 Emissions														
IEA CO ₂ from fuel combustion (Mt)*	1095.34	1182.45	1220.53	1203.14	1241.97	1250.68	1251.31	1261.84	1243.51	1279.26	1185.66	8%	0.44%	-7.32%
... of which transport CO ₂ (Mt)*	240.63	283.73	292.94	291.67	289.57	287.95	289.42	286.37	280.09	272.83	260.75	8%	0.45%	-4.43%
Transport* as a percentage of total	22.0%	24.0%	24.0%	24.2%	23.3%	23.0%	23.1%	22.7%	22.5%	21.3%	22.0%			
Road (Mt)	186.87	222.63	229.36	231.72	226.08	223.91	225.44	219.94	216.33	211.15	202.57	8%	0.45%	-4.06%
Rail (Mt)	0.94	0.82	0.71	0.68	0.67	0.63	0.66	0.65	0.65	0.65	0.65	-31%	-2.03%	0.00%
Domestic Aviation (Mt)	7.23	10.37	10.69	10.74	10.95	11.08	10.68	10.82	11.19	10.89	10.29	42%	1.98%	-5.51%
International Aviation (Mt)	13.31	16.61	19.57	18.67	21.18	20.52	21.22	21.37	19.84	18.39	17.55	32%	1.55%	-4.57%
Domestic Navigation (Mt)	13.21	14.25	14.49	14.04	14.17	13.78	12.6	12.59	12.25	12.01	11.53	-13%	-0.75%	-4.00%
International Shipping (Mt)	17.66	17.92	16.93	14.63	15.33	16.84	17.63	19.80	18.63	18.54	16.97	-4%	-0.22%	-8.47%
Other Transport (Mt)	1.42	1.13	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	-16%	-0.98%	0.00%
GHG Emissions														
UNFCCC GHG emissions (Mt CO ₂ eq.)*	1299.80	1378.36	1381.39	1352.47	1388.34	1393.43	1391.50	1396.51	1376.18	1406.60	1317.00	1%	0.07%	-6.37%
UNFCCC GHG fuel combustion (Mt CO ₂ eq.)*	1106.92	1193.31	1226.65	1210.79	1254.18	1260.69	1262.18	1268.31	1247.13	1278.89	1195.19	8%	0.43%	-6.54%
... of which transport GHG (Mt CO ₂ eq.)*	246.70	294.70	301.07	299.74	297.02	294.99	295.75	292.55	286.36	278.53	266.12	8%	0.42%	-4.45%
Road (Mt)	193.40	229.99	237.36	239.68	233.39	230.93	231.68	225.87	222.17	216.93	208.07	8%	0.41%	-4.08%
International Aviation (Mt)	13.33	17.10	19.75	18.92	21.37	20.60	21.41	21.56	20.17	18.55	17.70	33%	1.59%	-4.58%
International Shipping (Mt)	17.82	21.47	17.36	15.00	15.74	17.29	18.11	20.43	19.22	19.06	17.48	-2%	-0.11%	-8.31%

* includes emissions from international aviation and international maritime bunkers - there is no internationally agreed allocation mechanism for these and totals here are indicative of the scale of these emissions, not of their national "ownership" ** available yrs.