

EMISSION MONITOR

WORLDWIDE



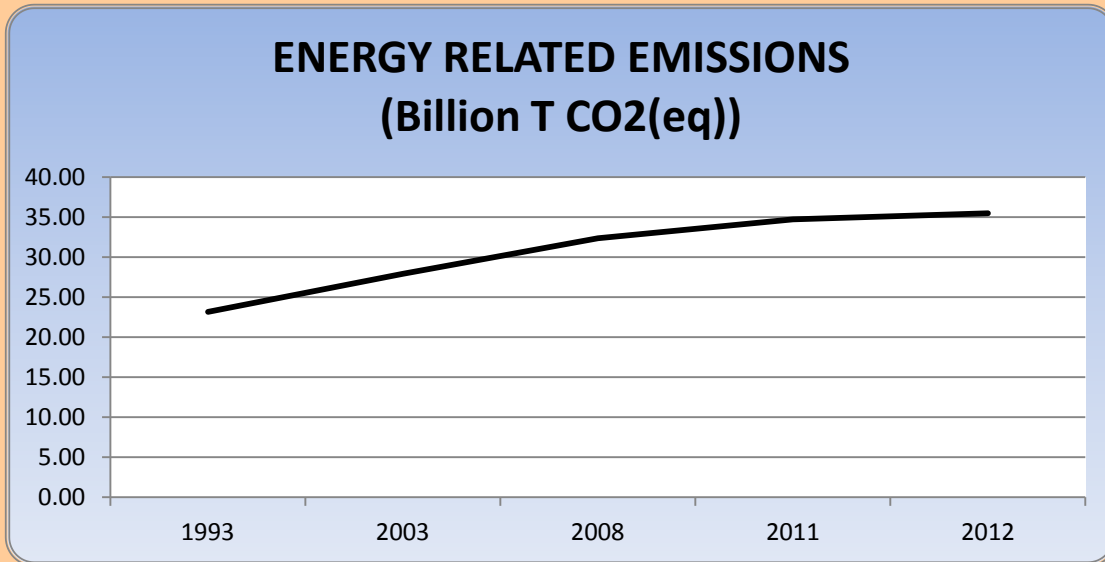
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2013

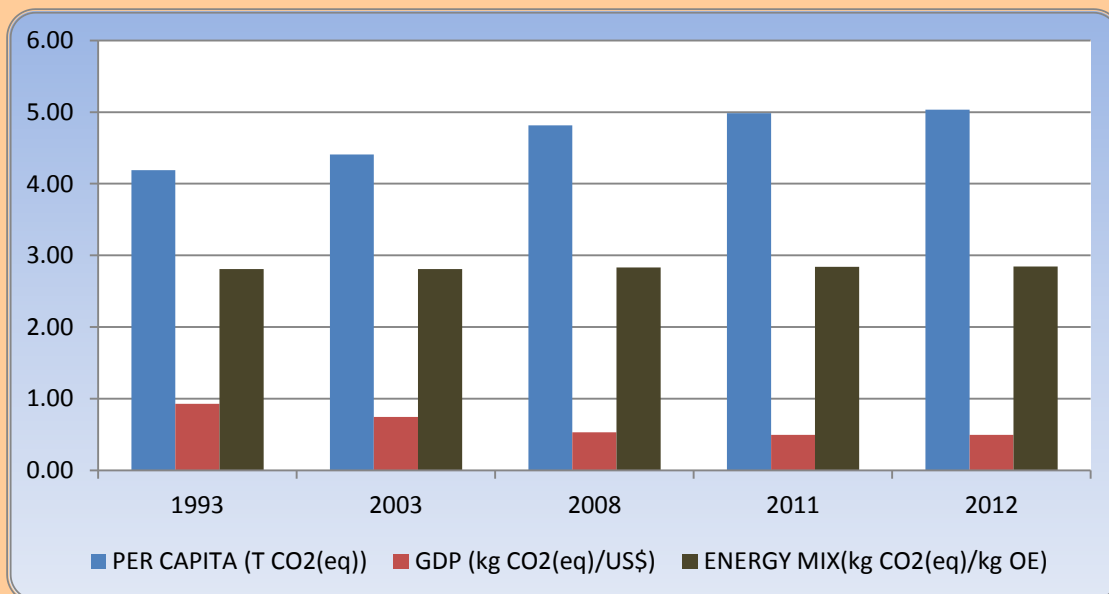
ENERGY RELATED EMISSIONS-SUMMARY

	1993	2003	2008	2011	2012
ENERGY RELATED EMISSIONS (Billion T CO ₂ (eq))	23.18	27.93	32.38	34.72	35.48



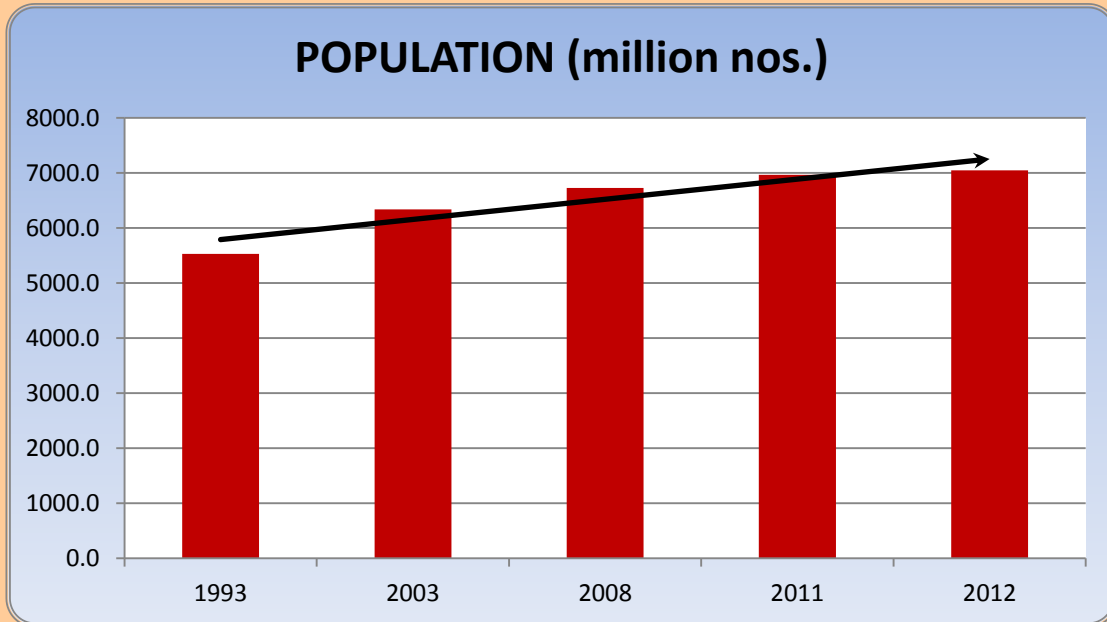
	1993	2003	2008	2011	2012
PER CAPITA (T CO ₂ (eq))	4.19	4.41	4.81	4.98	5.03
GDP (kg CO ₂ (eq)/US\$)	0.93	0.74	0.53	0.49	0.50
ENERGY MIX(kg CO ₂ (eq)/kg OE)	2.81	2.81	2.83	2.84	2.84

EMISSION INTENSITIES

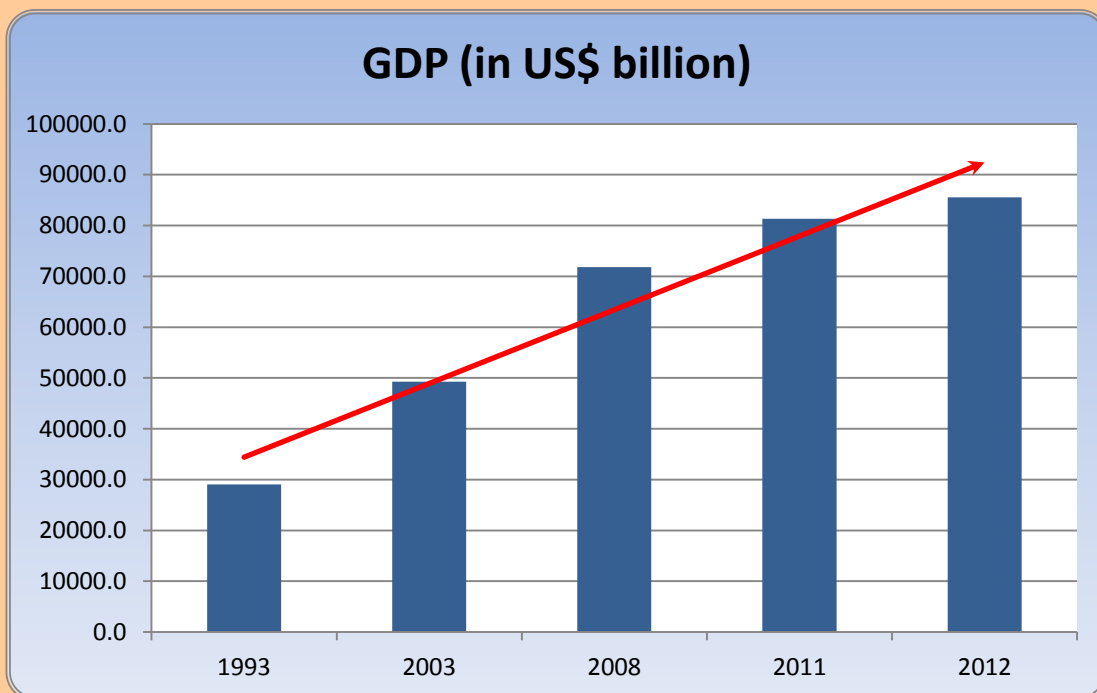


MACRO ECONOMIC PARAMETERS

	1993	2003	2008	2011	2012
POPULATION (million nos.)	5531.9	6335.2	6726.1	6965.9	7046.4

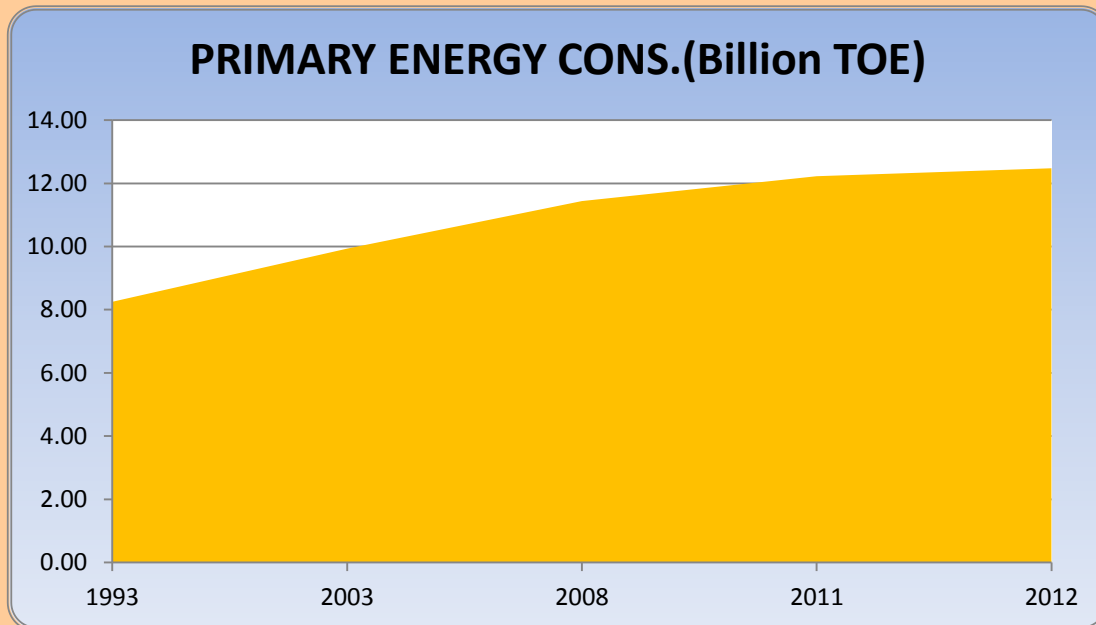


	1993	2003	2008	2011	2012
GDP (in US\$ billion)	29052.7	49283.0	71836.3	81345.5	85537.8

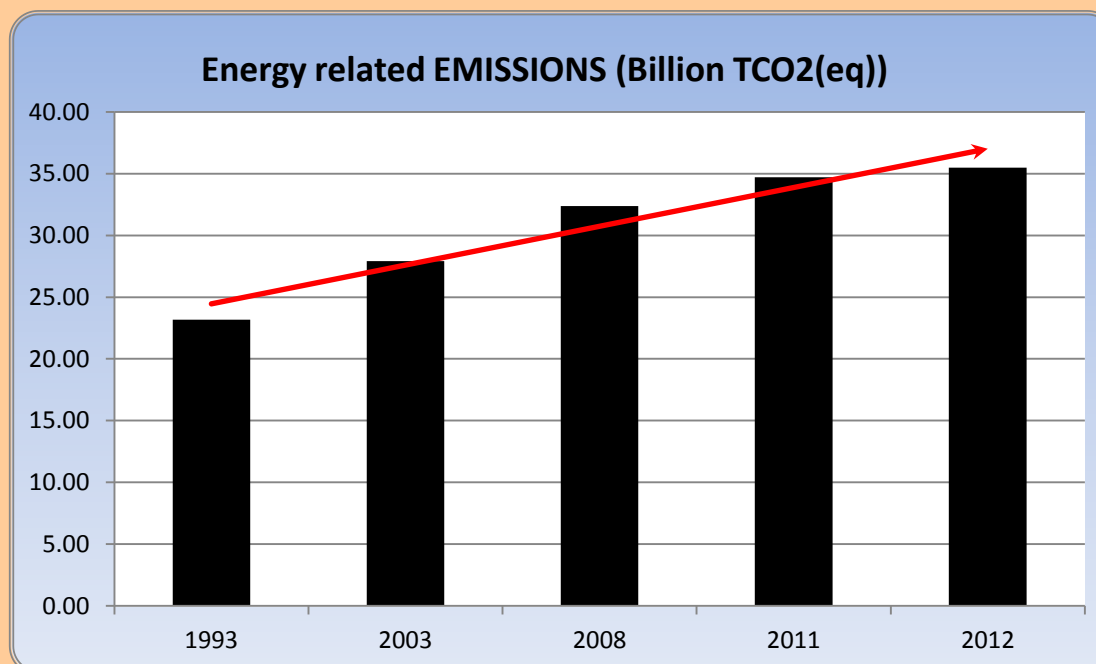


MACRO ECONOMIC PARAMETERS

	1993	2003	2008	2011	2012
PRIMARY ENERGY CONS.(Billion TOE)	8.25	9.93	11.44	12.22	12.48

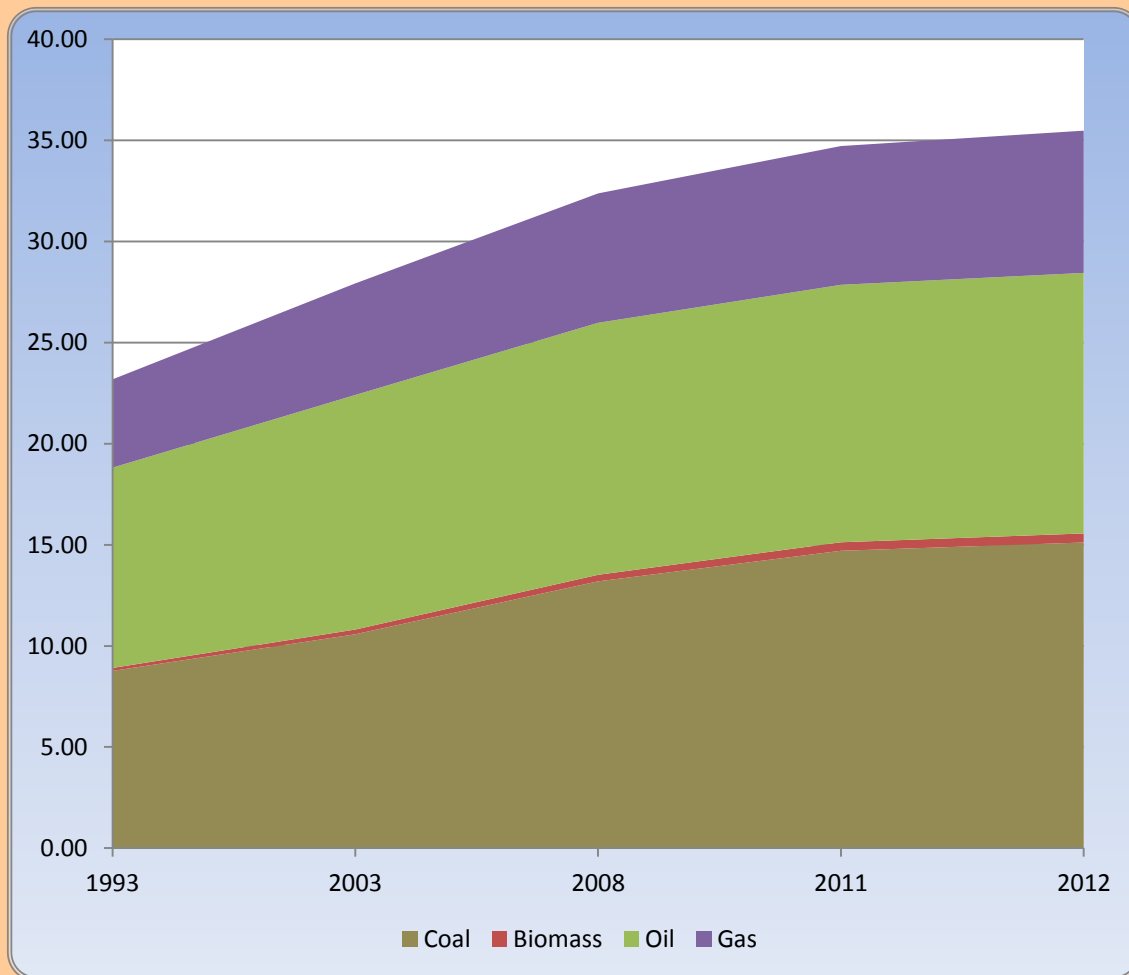


	1993	2003	2008	2011	2012
Energy related EMISSIONS (Billion TCO2(eq))	23.18	27.93	32.38	34.72	35.48



TREND IN CONTRIBUTION OF ENERGY SOURCES IN TOTAL EMISSIONS(Billion T CO₂(eq))

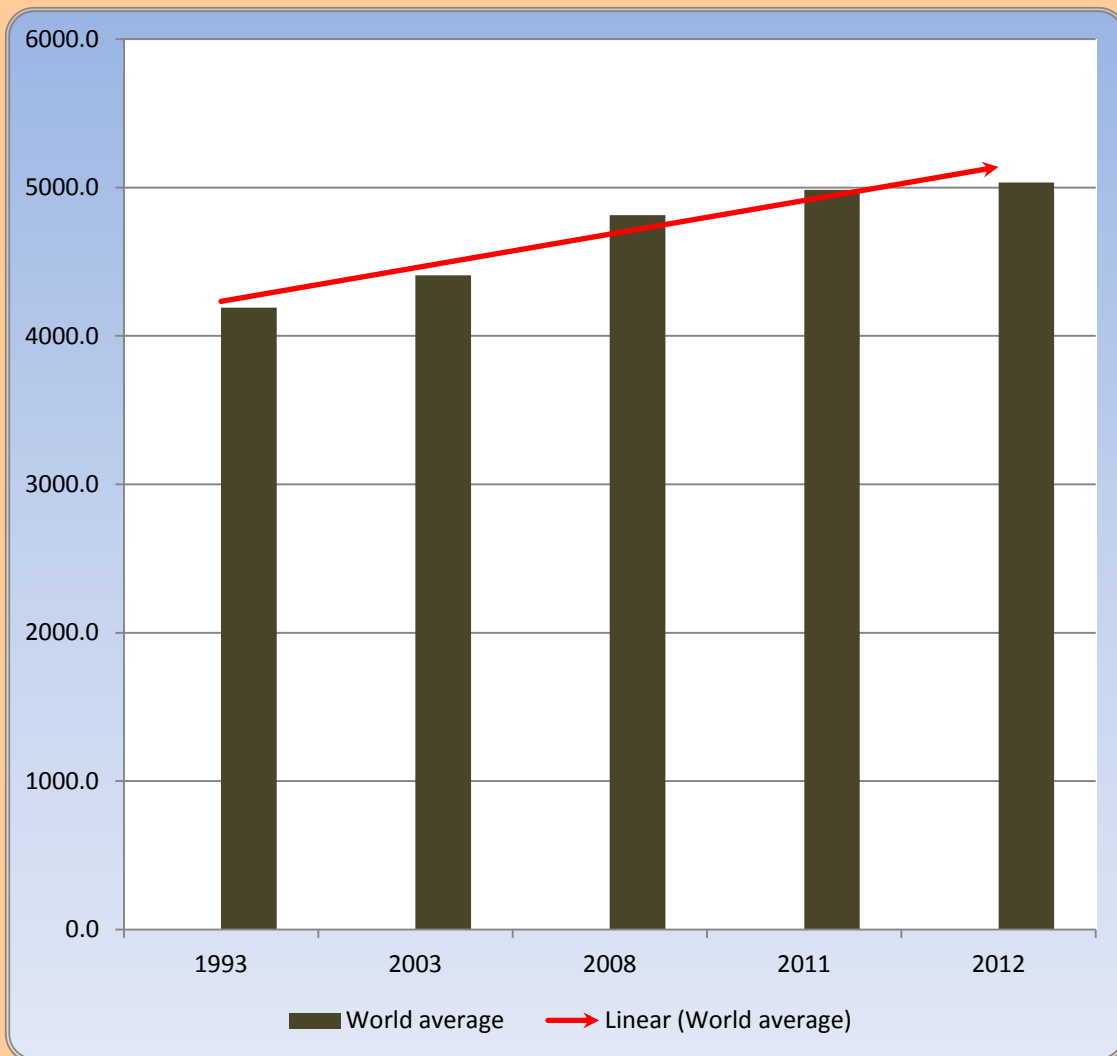
	1993	2003	2008	2011	2012
Coal	8.76	10.58	13.19	14.70	15.11
Biomass	0.15	0.23	0.32	0.42	0.45
Oil	9.90	11.60	12.46	12.73	12.88
Gas	4.36	5.52	6.40	6.86	7.03



TOTAL EMISSIONS BREAK-UP:	1993	2003	2008	2011	2012
(T CO₂(eq) contribution)					
CO ₂	23.03	27.75	32.16	34.48	35.24
CH ₄	0.08	0.10	0.11	0.13	0.13
N ₂ O	0.07	0.08	0.10	0.11	0.11
TOTAL	23.18	27.93	32.38	34.72	35.48

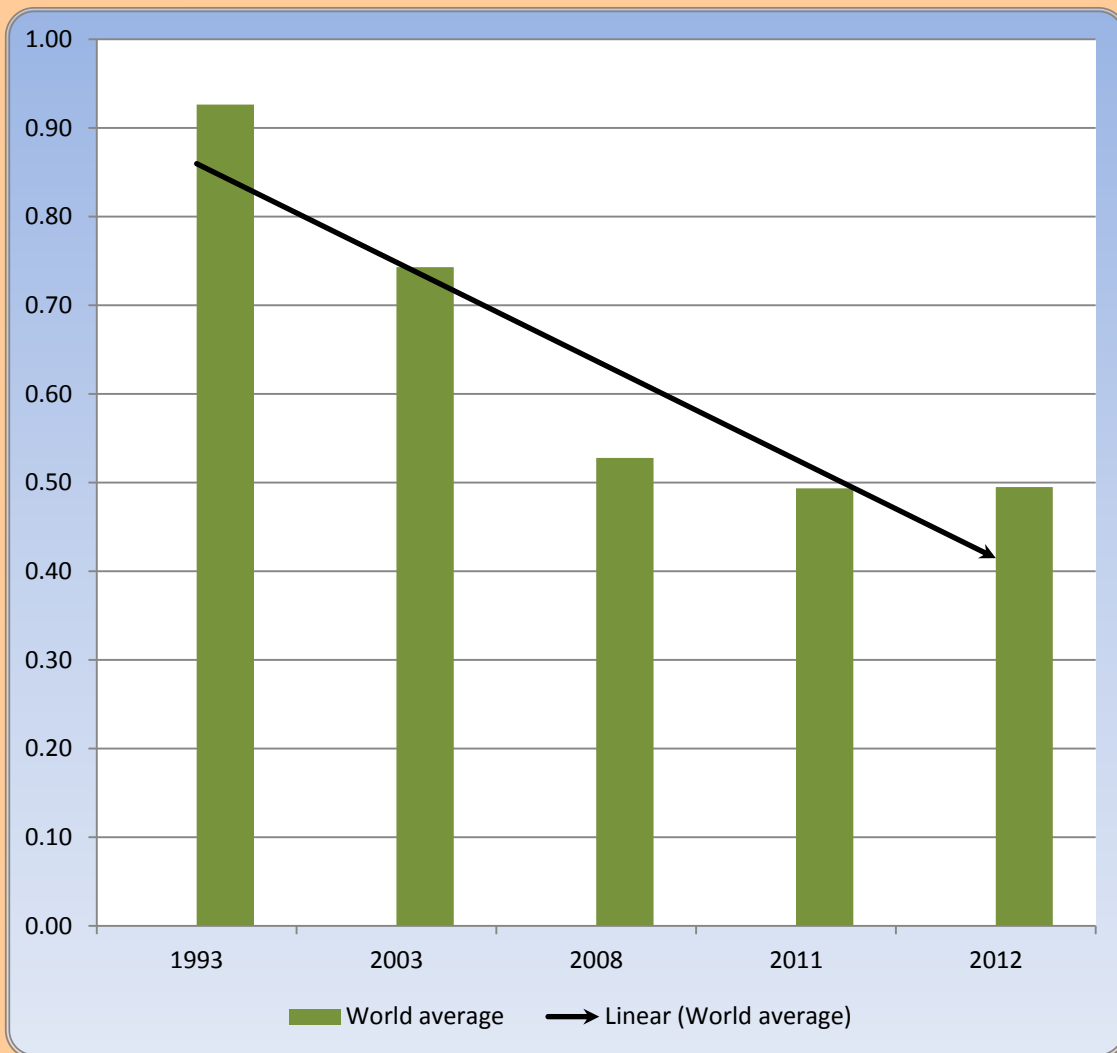
PER CAPITA EMISSIONS (kgs. CO₂(eq.))

	1993	2003	2008	2011	2012
World average	4189.9	4408.0	4813.4	4983.6	5034.8



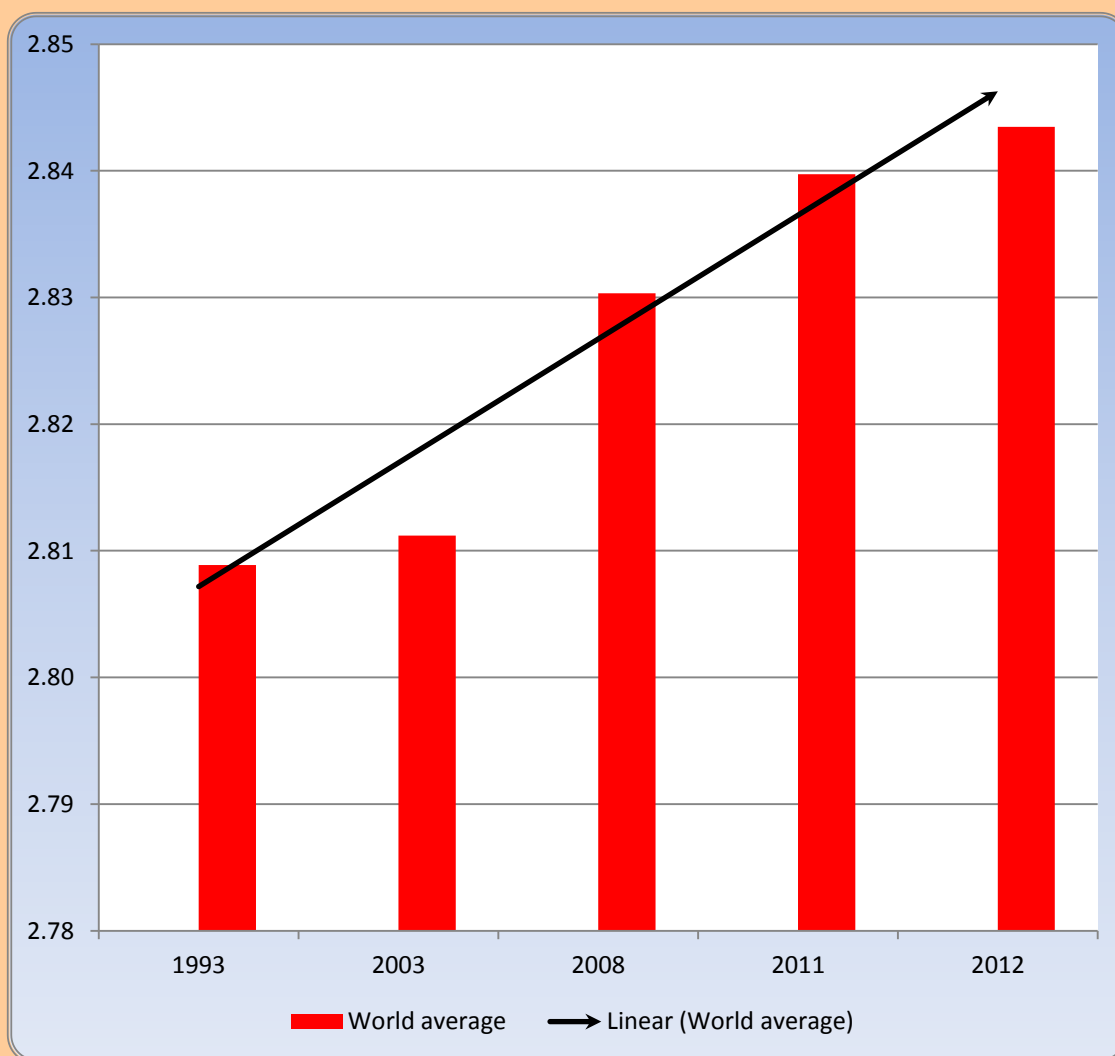
EMISSION INTENSITY OF GDP (kgs. CO₂(eq.)/US\$)

	1993	2003	2008	2011	2012
World average	0.93	0.74	0.53	0.49	0.50



EMISSION INTENSITY OF ENERGY MIX (kgs. CO₂(eq.)/kg OE)

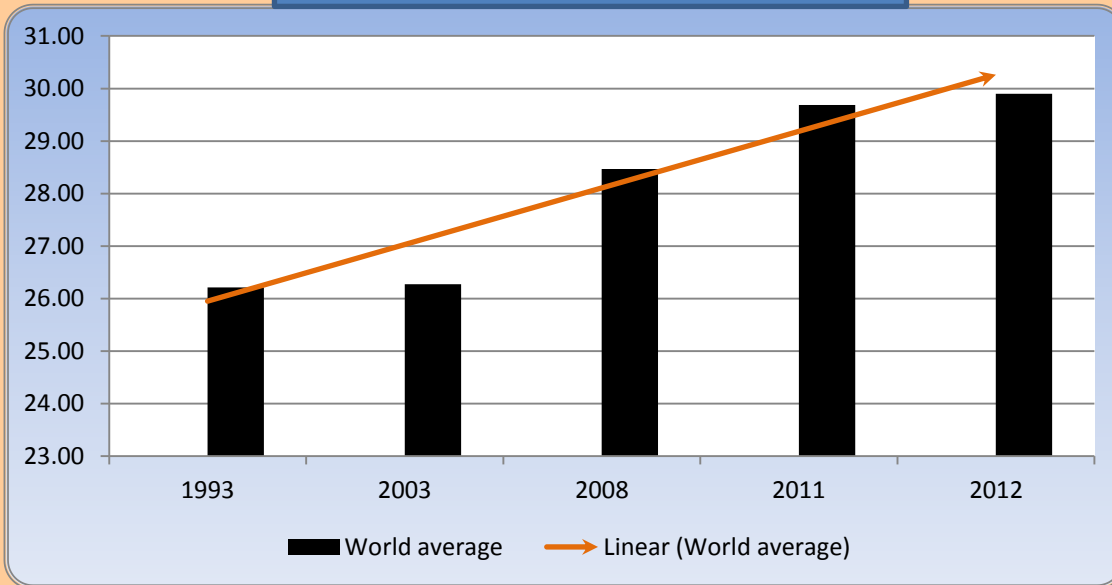
	1993	2003	2008	2011	2012
World average	2.81	2.81	2.83	2.84	2.84



TREND IN ENERGY MIX

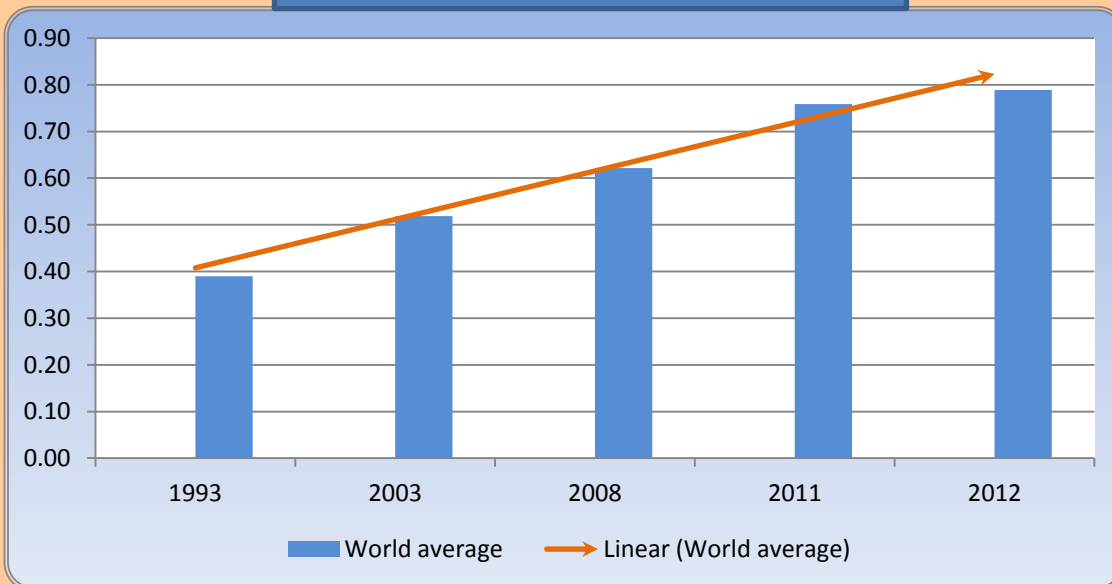
	1993	2003	2008	2011	2012
World average	26.21	26.27	28.47	29.68	29.90

SHARE OF COAL (%) IN TOTAL ENERGY



	1993	2003	2008	2011	2012
World average	0.39	0.52	0.62	0.76	0.79

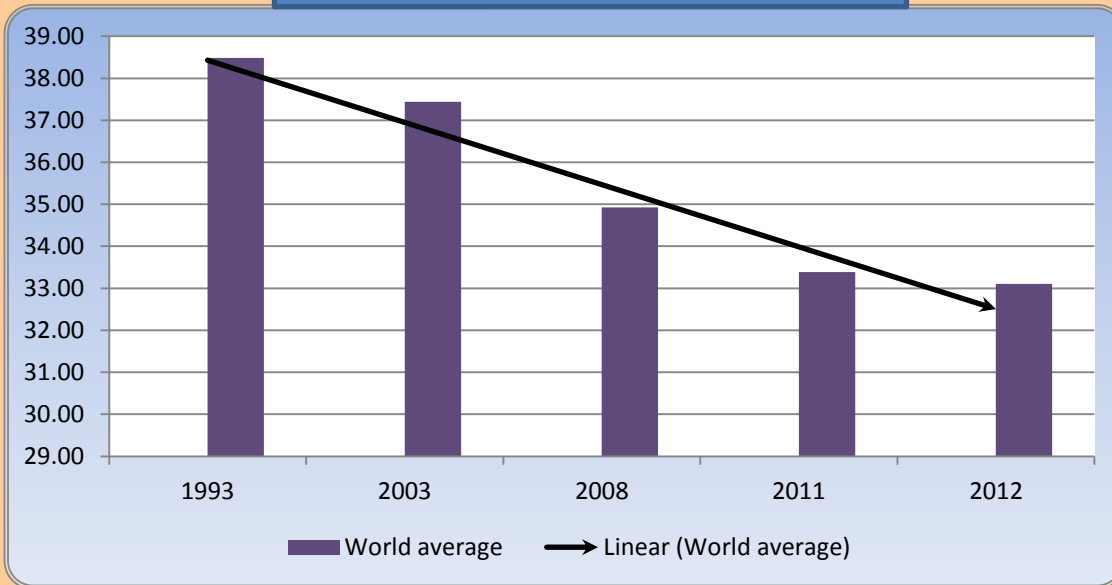
SHARE OF BIOMASS (%) IN TOTAL ENERGY



TREND IN ENERGY MIX

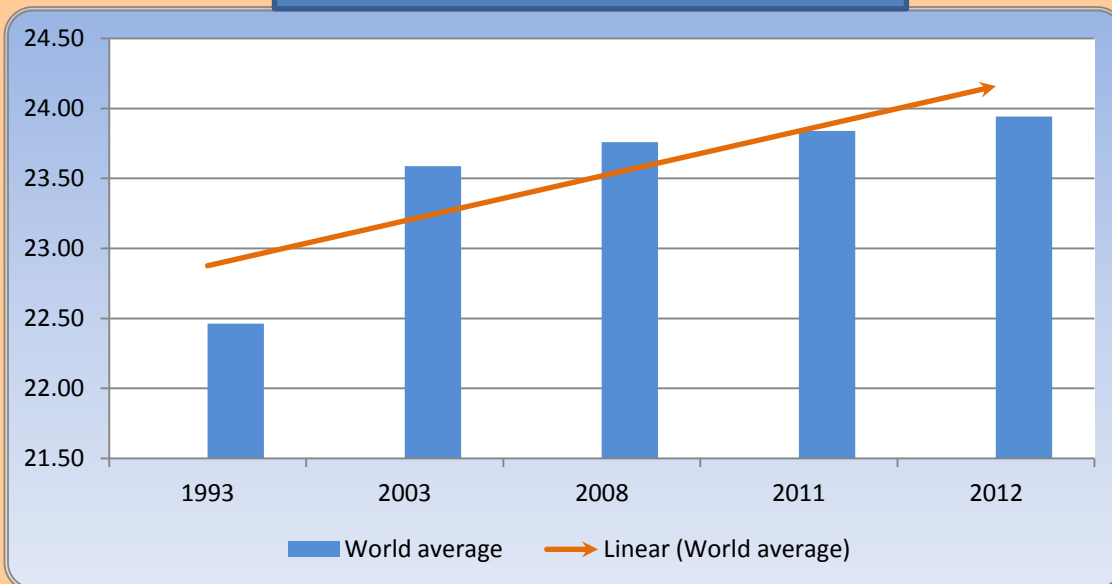
	1993	2003	2008	2011	2012
World average	38.48	37.44	34.92	33.39	33.11

SHARE OF OIL (%) IN TOTAL ENERGY



	1993	2003	2008	2011	2012
World average	22.46	23.59	23.76	23.84	23.94

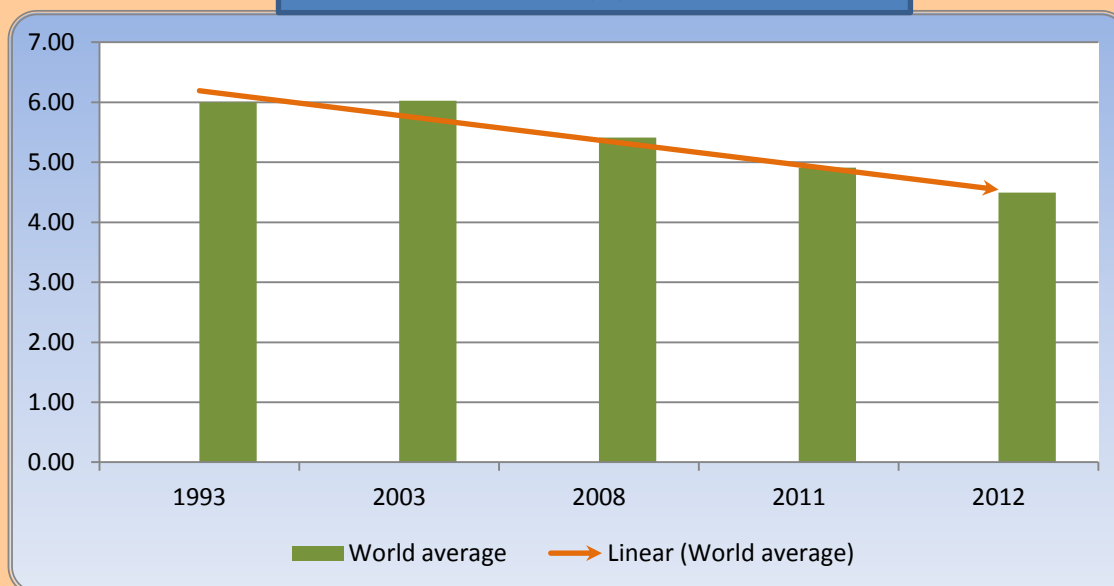
SHARE OF GAS (%) IN TOTAL ENERGY



TREND IN ENERGY MIX

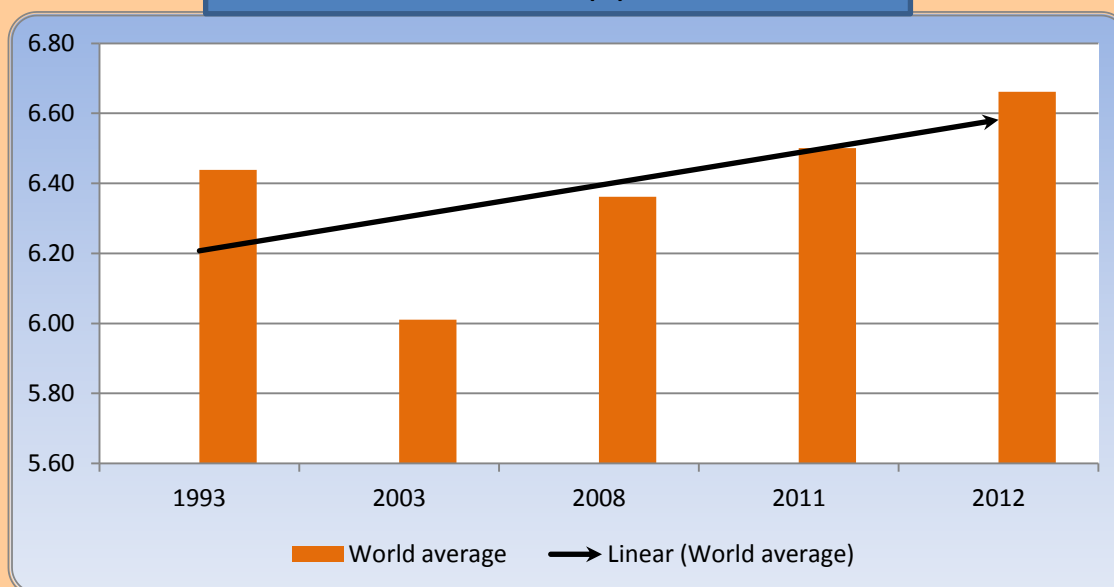
	1993	2003	2008	2011	2012
World average	6.00	6.02	5.41	4.91	4.49

SHARE OF NUCLEAR (%) IN TOTAL ENERGY



	1993	2003	2008	2011	2012
World average	6.44	6.01	6.36	6.50	6.66

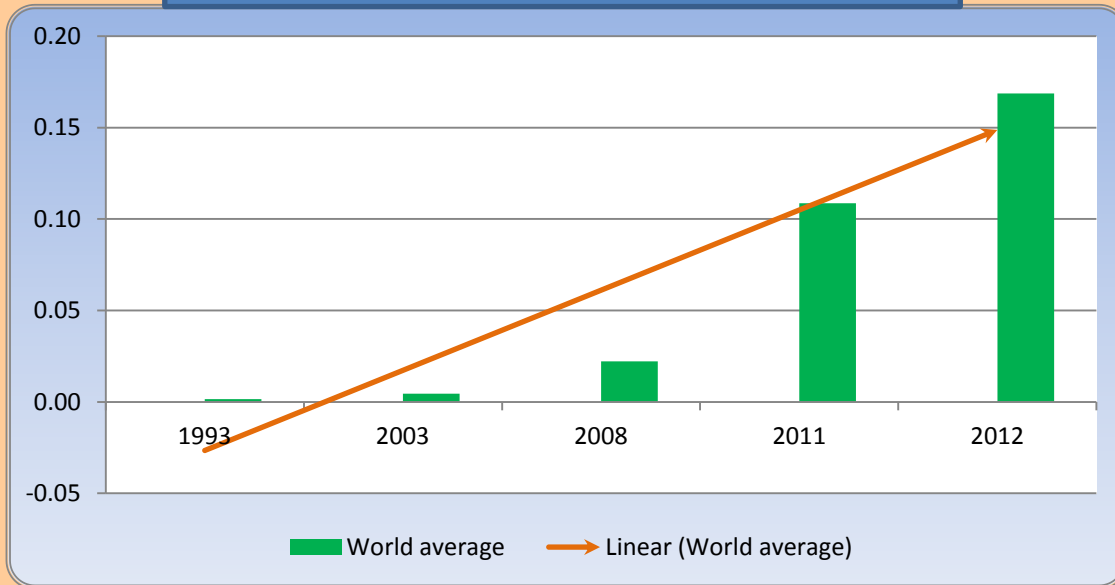
SHARE OF HYDROPOWER (%) IN TOTAL ENERGY



TREND IN ENERGY MIX

	1993	2003	2008	2011	2012
World average	0.00	0.00	0.02	0.11	0.17

SHARE OF SOLAR ENERGY (%) IN TOTAL ENERGY



	1993	2003	2008	2011	2012
World average	0.02	0.14	0.43	0.81	0.95

SHARE OF WIND POWER (%) IN TOTAL ENERGY

