



Summary of GHG Emissions for Monaco

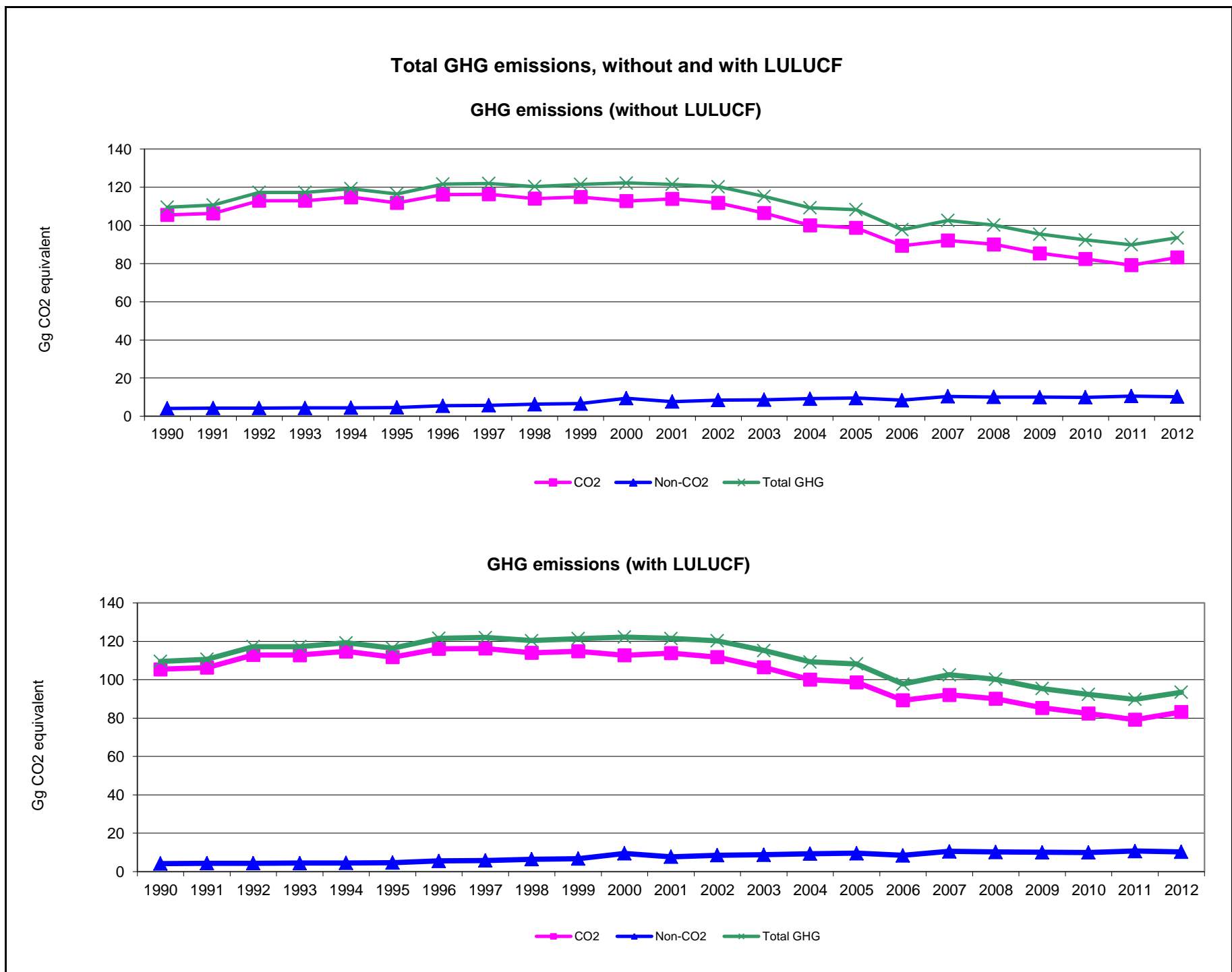
Base year (Convention) = 1990

	Emissions, in Gg CO ₂ equivalent		
	1990	2000	2012
CO ₂ emissions without LULUCF	105.5	112.8	83.2
CO ₂ net emissions/removals by LULUCF	0.0	0.0	0.0
CO ₂ net emissions/removals with LULUCF	105.4	112.8	83.2
GHG emissions without LULUCF	109.6	122.2	93.5
GHG net emissions/removals by LULUCF	0.0	0.0	0.0
GHG net emissions/removals with LULUCF	109.5	122.2	93.4

	Changes in emissions, in per cent		
	From 1990 to 2000	From 2000 to 2012	From 1990 to 2012
CO ₂ emissions without LULUCF	7.0	-26.2	-21.1
CO ₂ net emissions/removals by LULUCF	11.1	2.5	13.9
CO ₂ net emissions/removals with LULUCF	7.0	-26.2	-21.1
GHG emissions without LULUCF	11.6	-23.5	-14.7
GHG net emissions/removals by LULUCF	6.6	56.3	66.6
GHG net emissions/removals with LULUCF	11.6	-23.5	-14.7

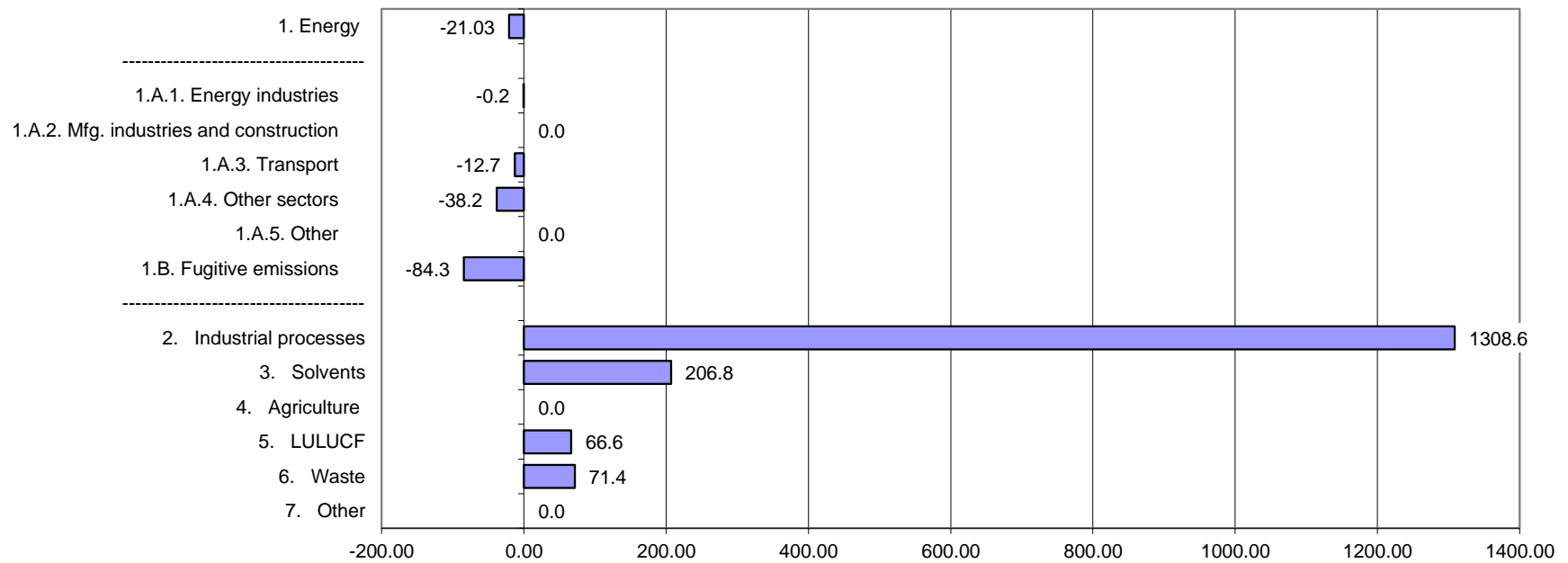
	Average annual growth rates, in per cent per year		
	From 1990 to 2000	From 2000 to 2012	From 1990 to 2012
CO ₂ emissions without LULUCF	0.7	-2.5	-1.1
CO ₂ net emissions/removals by LULUCF	1.1	0.2	0.6
CO ₂ net emissions/removals with LULUCF	0.7	-2.5	-1.1
GHG emissions without LULUCF	1.1	-2.2	-0.7
GHG net emissions/removals by LULUCF	0.6	3.8	2.3
GHG net emissions/removals with LULUCF	1.1	-2.2	-0.7

The base year under the Climate Change Convention is 1990 except for Bulgaria (1988), Hungary (average of 1985 to 1987), Poland (1988), Romania (1989) and Slovenia (1986), as defined by decisions 9/CP.2 and 11/CP.4.



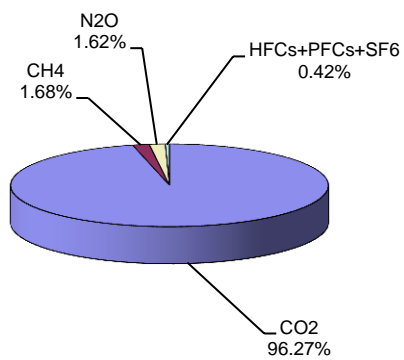


Change in GHG emissions/removals from 1990 to 2012, %

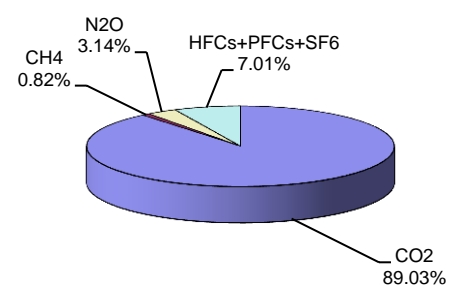


GHG emissions by gas

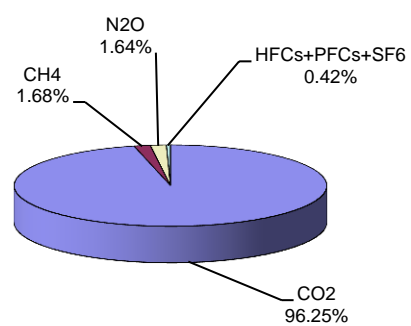
1990 (without LULUCF)



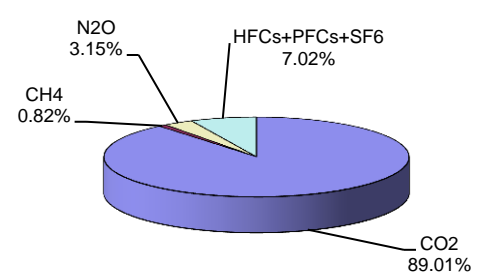
2012 (without LULUCF)



1990 (with LULUCF)

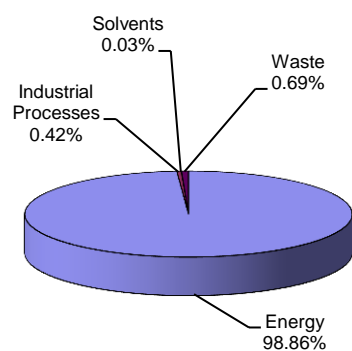


2012 (with LULUCF)

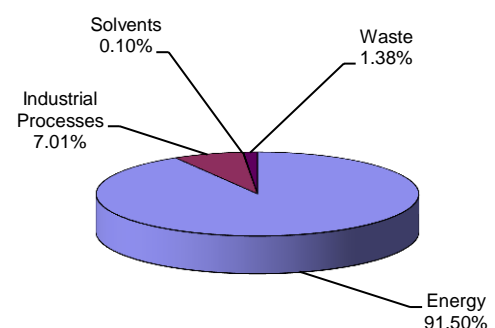


GHG emissions by sector (without LULUCF)

1990

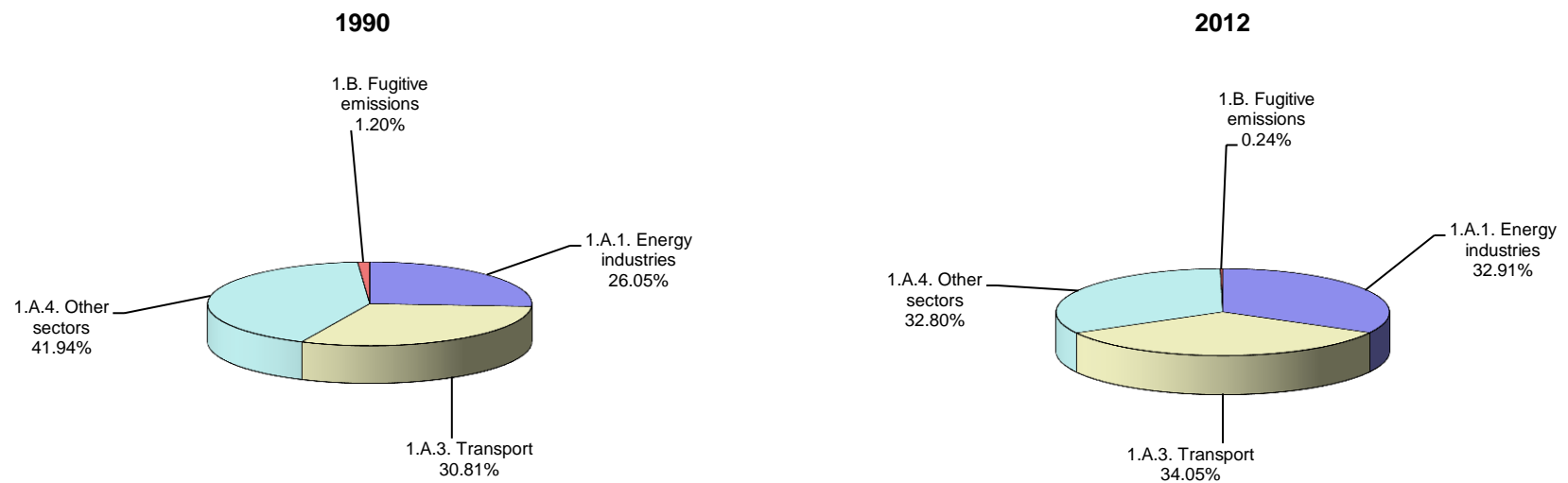


2012

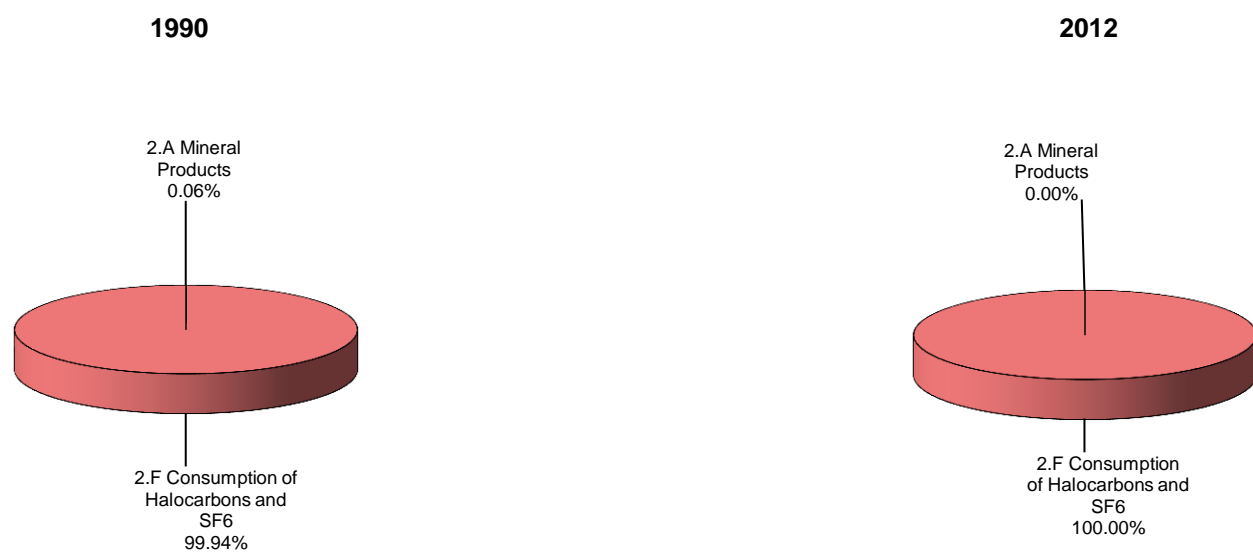




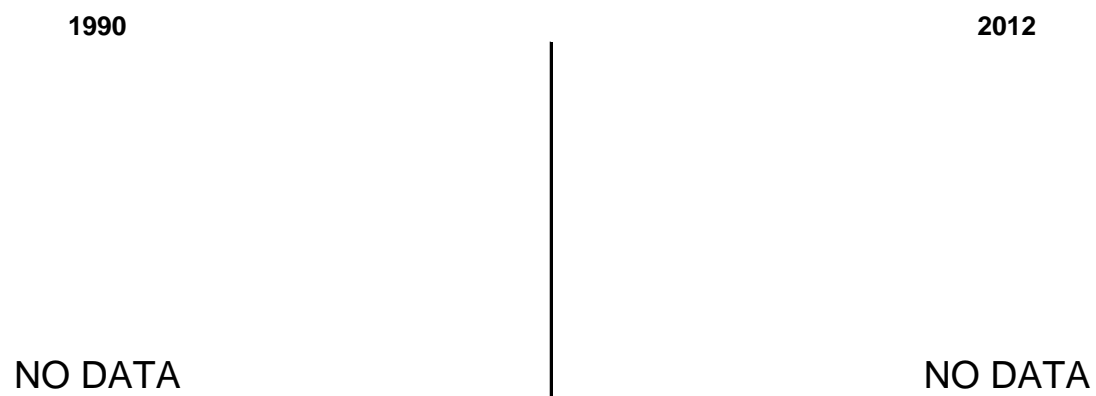
Breakdown of GHG emissions within the energy sector



Breakdown of GHG emissions within the industrial processes sector



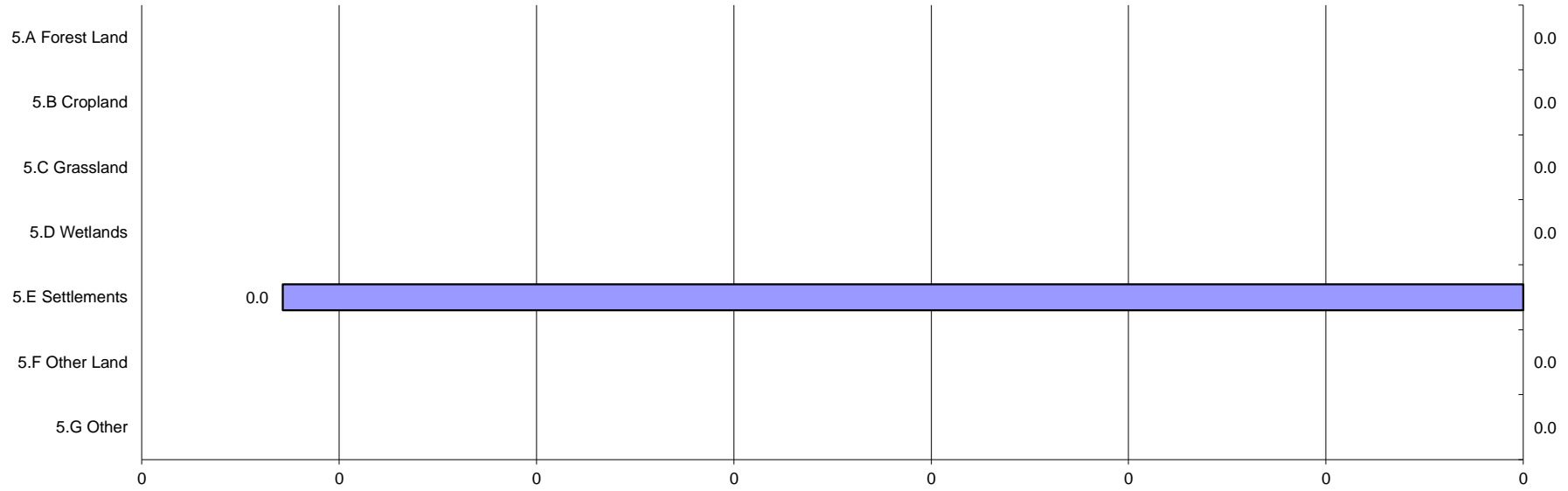
Breakdown of GHG emissions within the agriculture sector



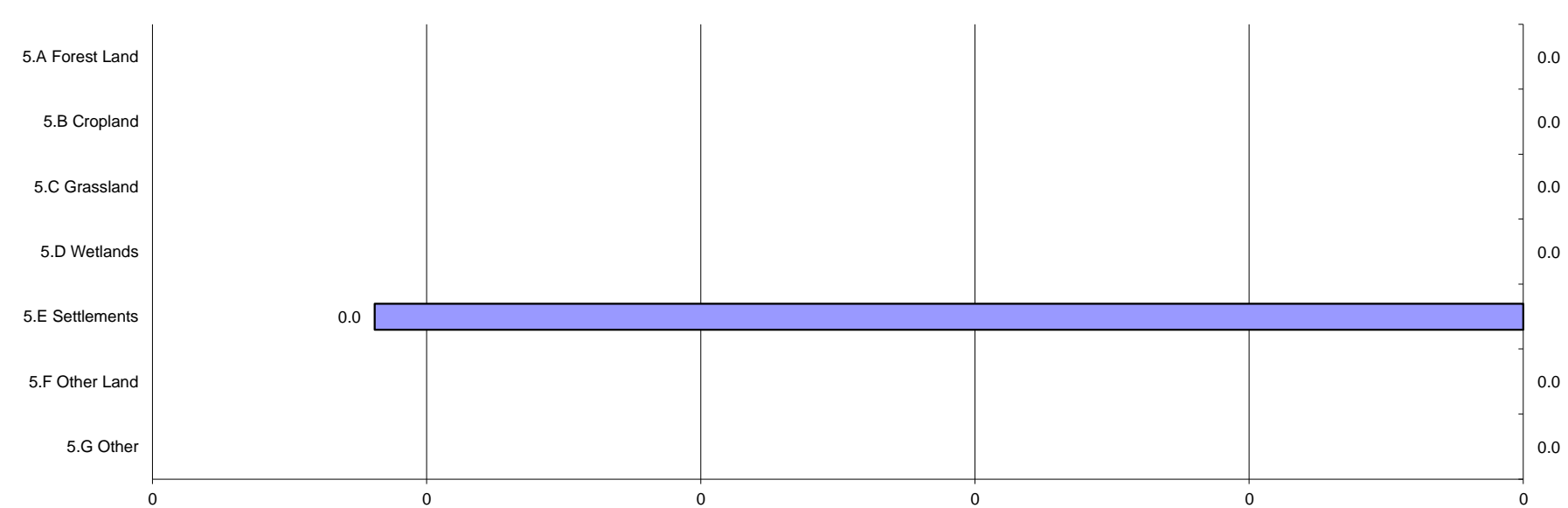


Breakdown of GHG emissions/removals within the LULUCF sector, (Gg CO₂ equivalent)

1990

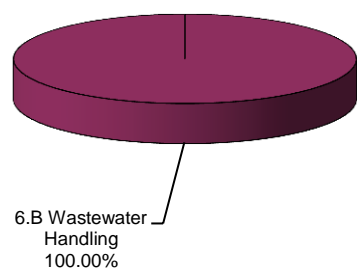


2012



Breakdown of GHG emissions within the waste sector

1990



2012

