



## Summary of GHG Emissions for Australia

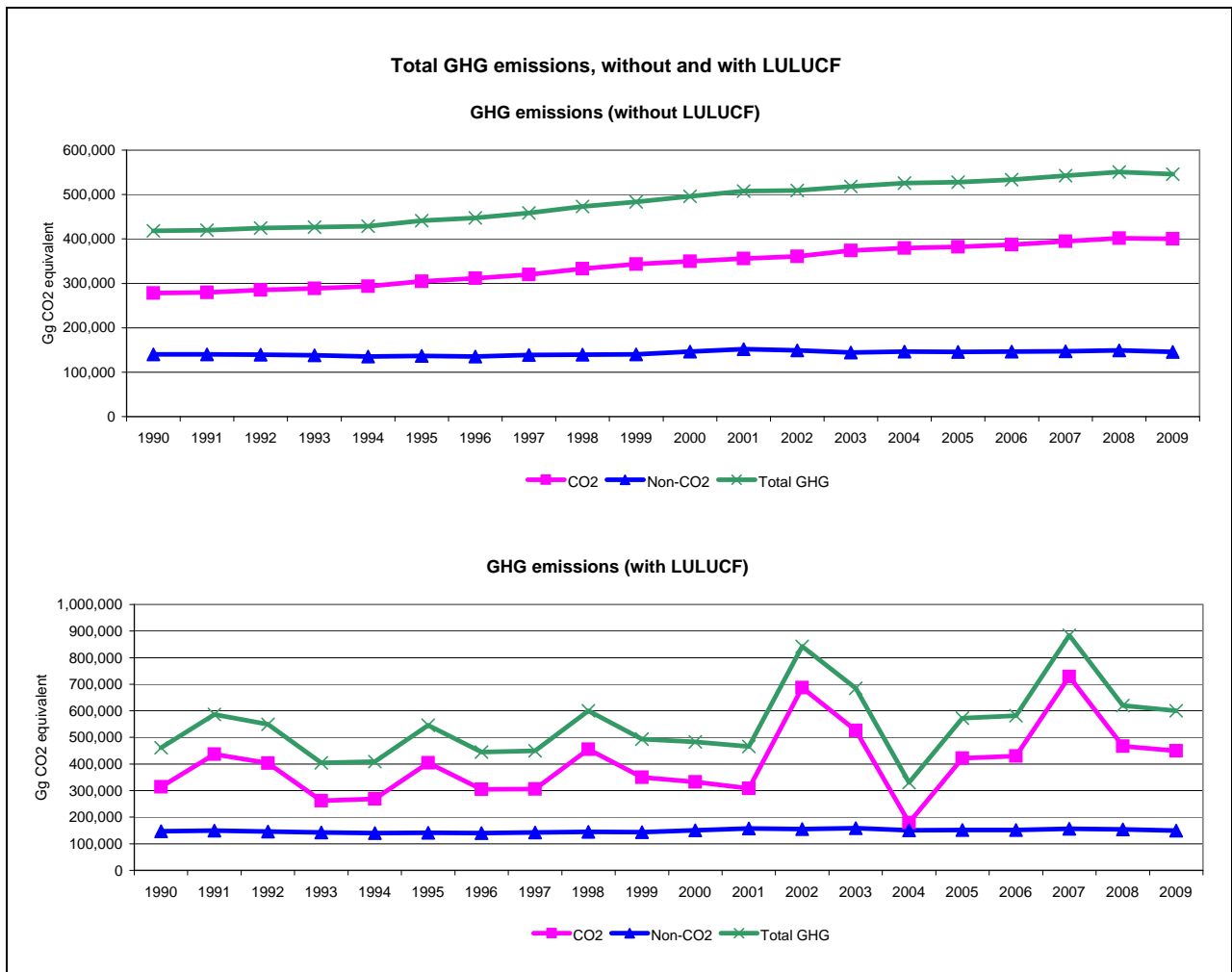
Base year (Convention) = 1990

|  | Emissions, in Gg CO <sub>2</sub> equivalent |           |           |
|--|---|-----------|-----------|
|  | 1990  | 2000      | 2009      |
| CO <sub>2</sub> emissions without LULUCF           | 278,186.7                                   | 349,724.3 | 400,342.2 |
| CO <sub>2</sub> net emissions/removals by LULUCF   | 36,309.3                                    | -17,707.2 | 49,533.1  |
| CO <sub>2</sub> net emissions/removals with LULUCF | 314,496.0                                   | 332,017.0 | 449,875.3 |
| GHG emissions without LULUCF                       | 418,469.8                                   | 496,250.7 | 545,858.3 |
| GHG net emissions/removals by LULUCF               | 43,148.2                                    | -13,505.0 | 53,970.9  |
| GHG net emissions/removals with LULUCF             | 461,618.0                                   | 482,745.7 | 599,829.2 |

|  | Changes in emissions, in per cent |                   |                   |
|--|-----------------------------------|-------------------|-------------------|
|  | From 1990 to 2000                 | From 2000 to 2009 | From 1990 to 2009 |
| CO <sub>2</sub> emissions without LULUCF           | 25.7                              | 14.5              | 43.9              |
| CO <sub>2</sub> net emissions/removals by LULUCF   | --                                | --                | 36.4              |
| CO <sub>2</sub> net emissions/removals with LULUCF | 5.6                               | 35.5              | 43.0              |
| GHG emissions without LULUCF                       | 18.6                              | 10.0              | 30.4              |
| GHG net emissions/removals by LULUCF               | --                                | --                | 25.1              |
| GHG net emissions/removals with LULUCF             | 4.6                               | 24.3              | 29.9              |

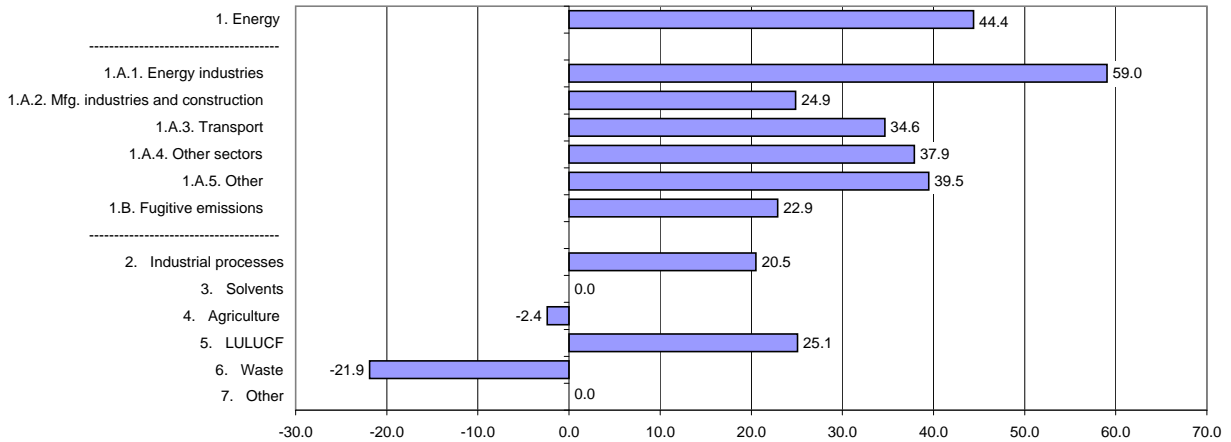
|  | Average annual growth rates, in per cent per year |                   |                   |
|--|---|-------------------|-------------------|
|  | From 1990 to 2000                                 | From 2000 to 2009 | From 1990 to 2009 |
| CO <sub>2</sub> emissions without LULUCF           | 2.3   | 1.5               | 1.9               |
| CO <sub>2</sub> net emissions/removals by LULUCF   | --  | --                | 1.6               |
| CO <sub>2</sub> net emissions/removals with LULUCF | 0.5   | 3.4               | 1.9               |
| GHG emissions without LULUCF                       | 1.7   | 1.1               | 1.4               |
| GHG net emissions/removals by LULUCF               | --  | --                | 1.2               |
| GHG net emissions/removals with LULUCF             | 0.4   | 2.4               | 1.4               |

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.



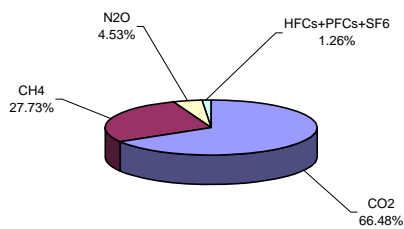


Change in GHG emissions/removals from 1990 to 2009, %

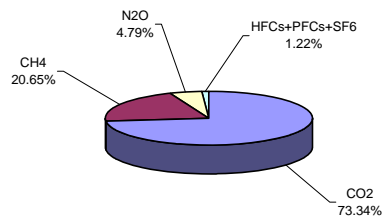


GHG emissions by gas

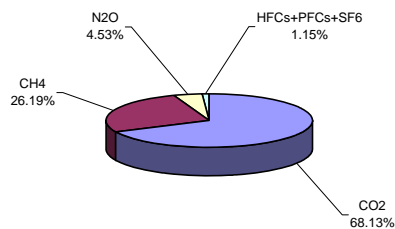
1990 (without LULUCF)



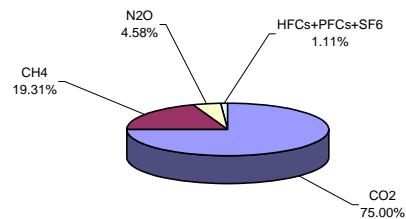
2009 (without LULUCF)



1990 (with LULUCF)

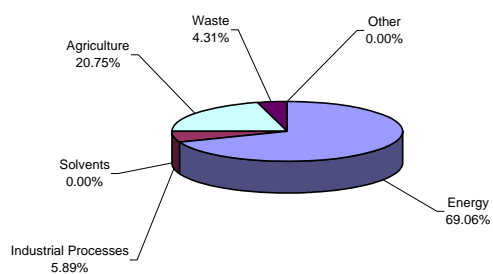


2009 (with LULUCF)

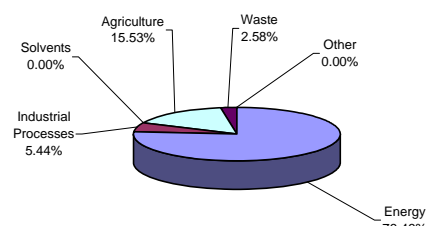


GHG emissions by sector (without LULUCF)

1990

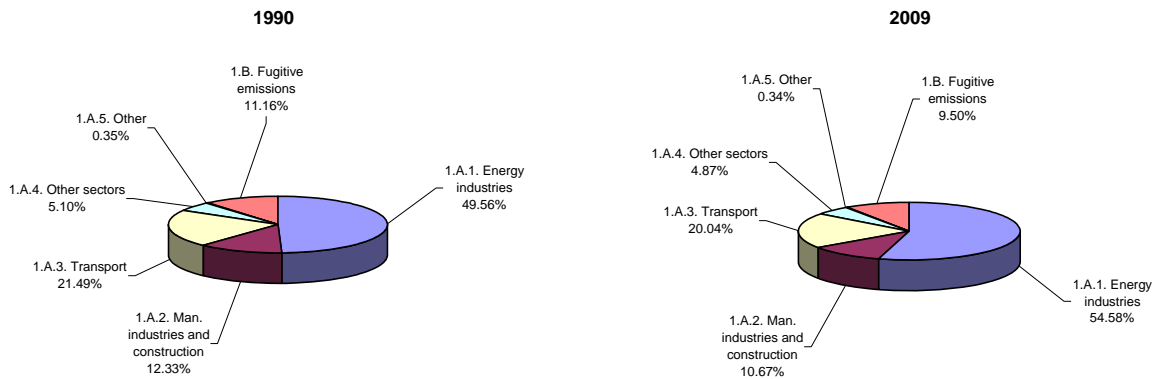


2009

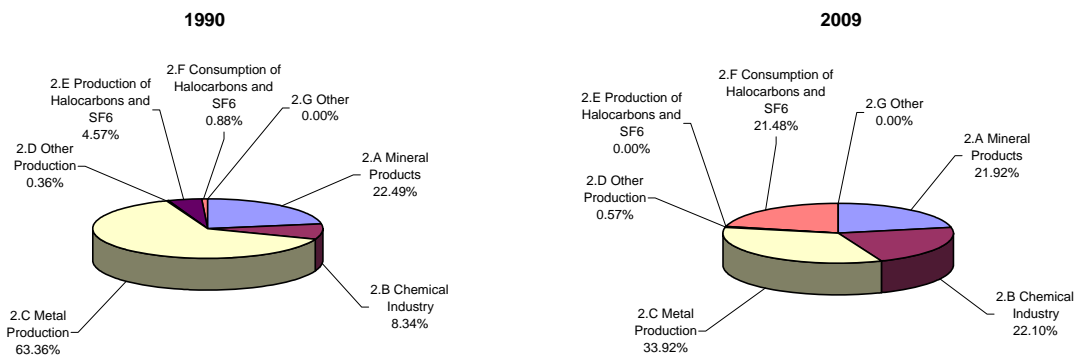




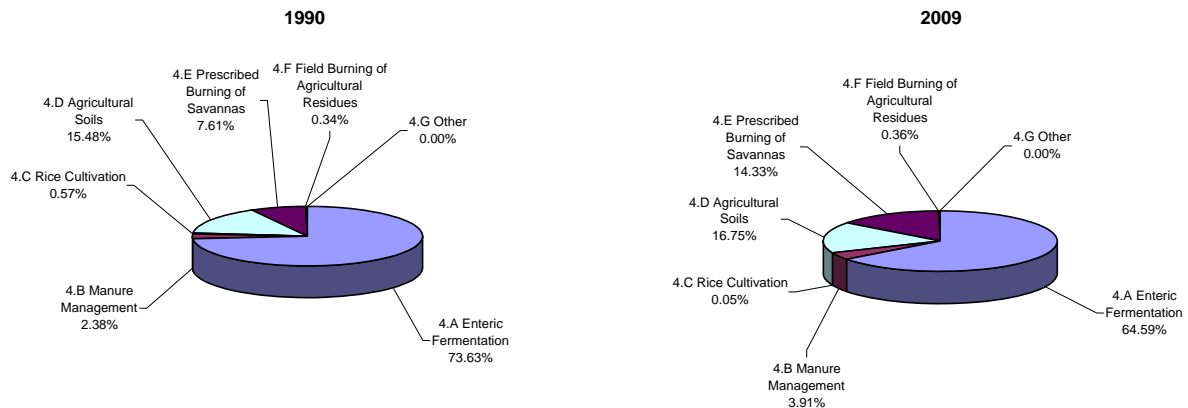
### Breakdown of GHG emissions within the energy sector



### Breakdown of GHG emissions within the industrial processes sector



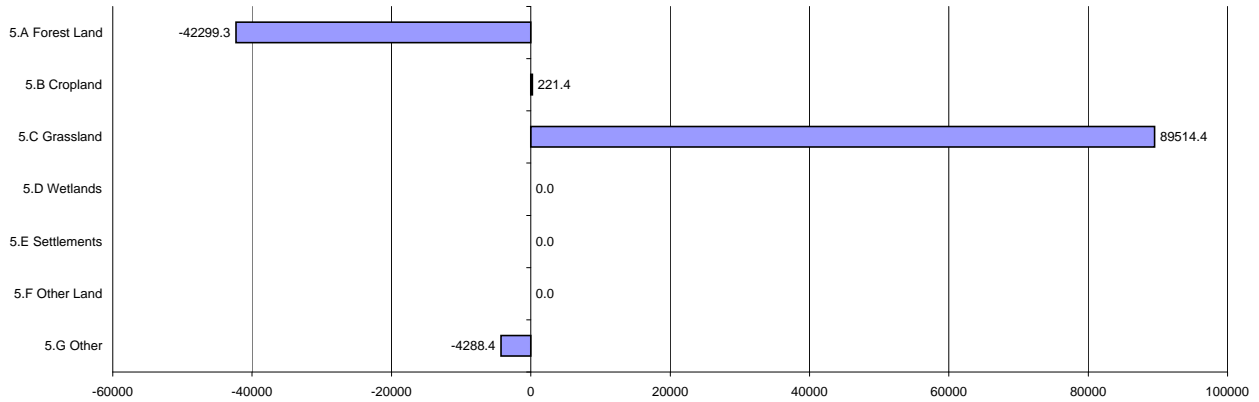
### Breakdown of GHG emissions within the agriculture sector



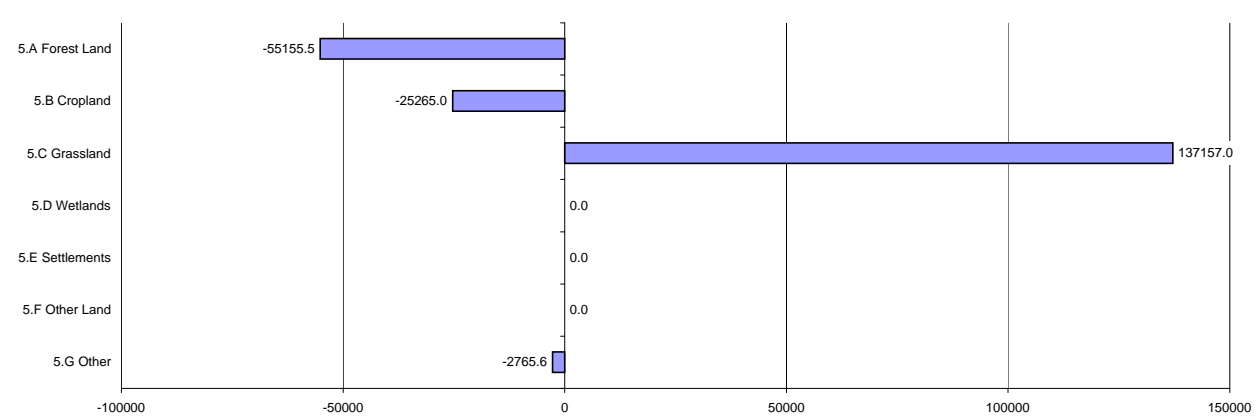


### Breakdown of GHG emissions/removals within the LULUCF sector, (Gg CO<sub>2</sub> equivalent)

1990

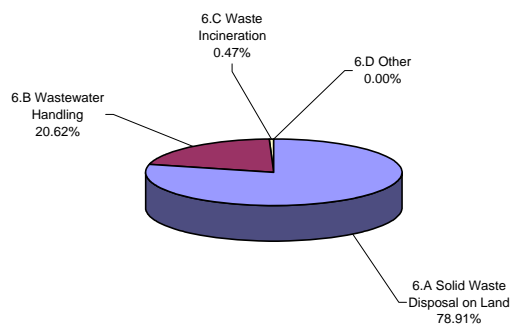


2009



### Breakdown of GHG emissions within the waste sector

1990



2009

