



Australian Greenhouse Office



AUSTRALIAN
Greenhouse
Office



National Carbon Accounting System - NCAS

Objectives

- A database of Australia's land based sources and sinks.
- Develop tools to account for sources and sinks.
- Develop tools for scenario planning.
- Support emissions trading.
- The methods and data for accounting.
- Develop national capacities.

Funding

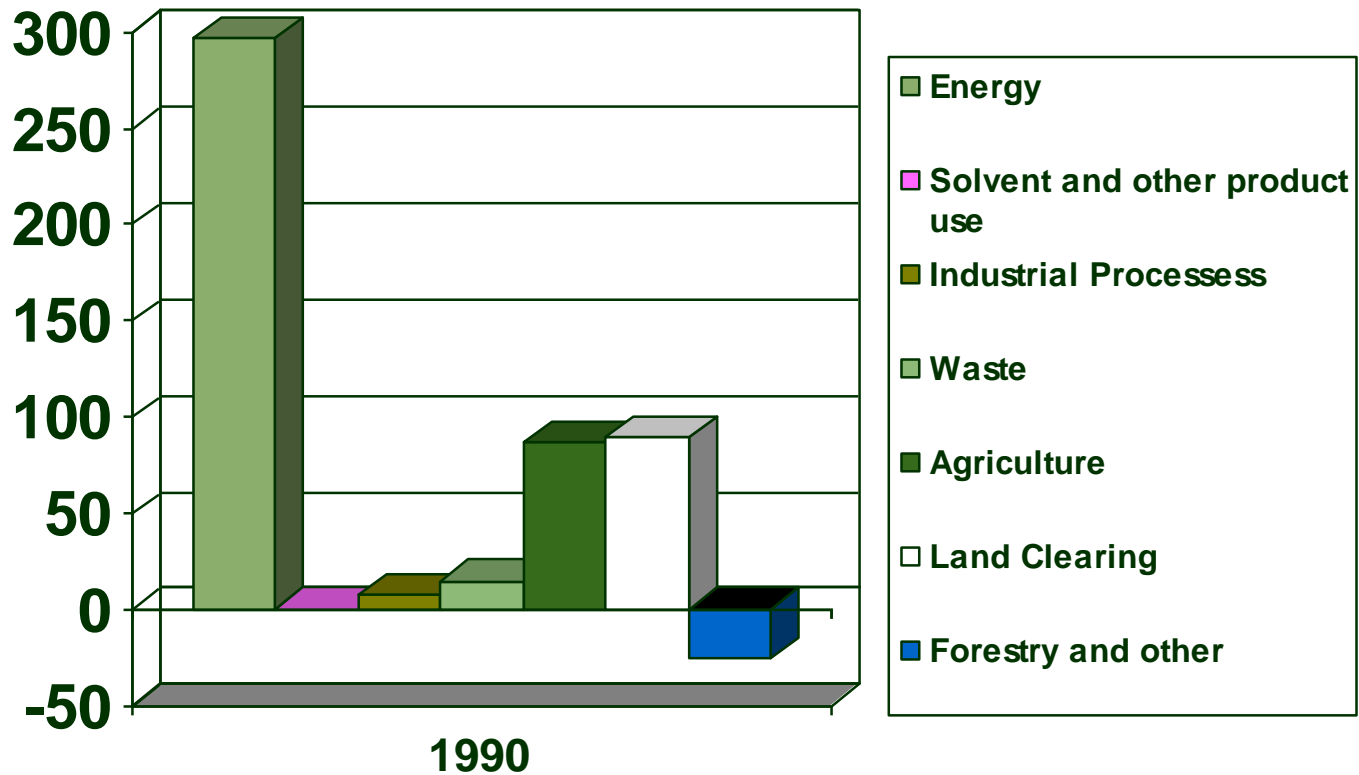
- \$12.5 m over 5 years (1999 - 2003)



NCAS Objectives

- **Reduced uncertainties** in estimations of land-based sources and sinks
- Internationally **credible** system
 - Verifiable data and methods
 - Decision tracking and auditing
- **Key Products:**
 - 1990 Baseline Estimation
 - 2008-2012 Emissions Estimation

Australian Emission Profile - 1990



Net CO2-equivalent emissions (Mt)



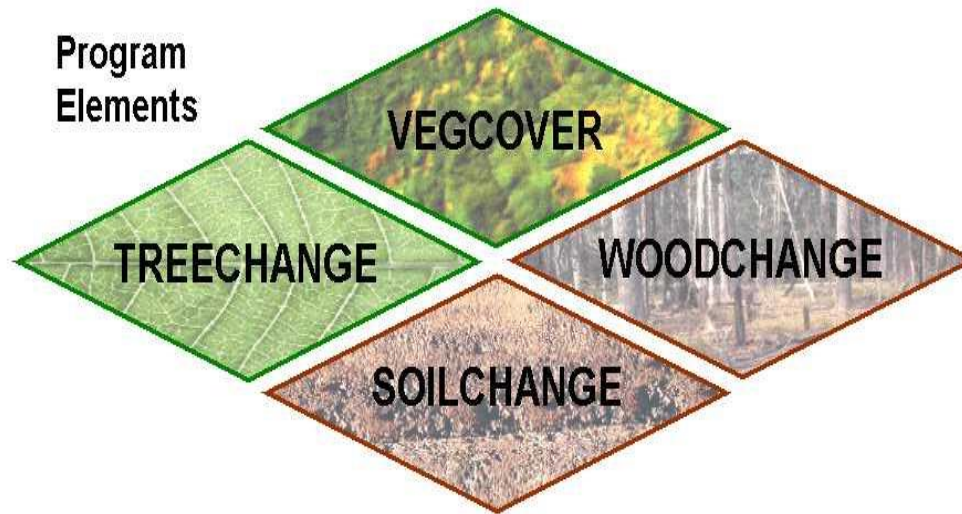
Key Areas

- Land Clearing
- Biomass Estimation
- Soil Carbon Estimation
- System Framework and Decision Support



NCAS

Programs Elements



The National Carbon Accounting System has four key programs elements.



NCAS - Key Dates

- Pilot Projects and Scoping of Implementation Projects
 - September 1999
- Implementation Set-up
 - September 1999 - March 2000
- International Review
 - December 1999
- Project Implementation
 - January 2000 - June 2001
- Reporting
 - capable by end- 2001



System Requirements

Should be able to report on:

- UNFCCC (NGGI) for LUCF
- Kyoto Protocol
 - 1990 Baseline for LUCF
 - Article 3.3 (ARD) (2008-2012 Commitment Period)
 - Article 3.4
- Emissions trading
- Full budget accounting



