

# ACOR



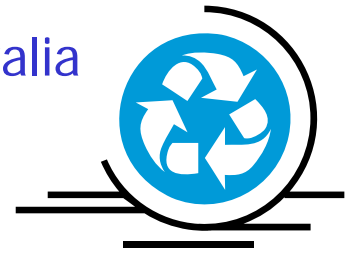
**Kerbside Specifications**

**Brisbane Seminar**

**7<sup>th</sup> September 2006**

# Australian Council of Recyclers

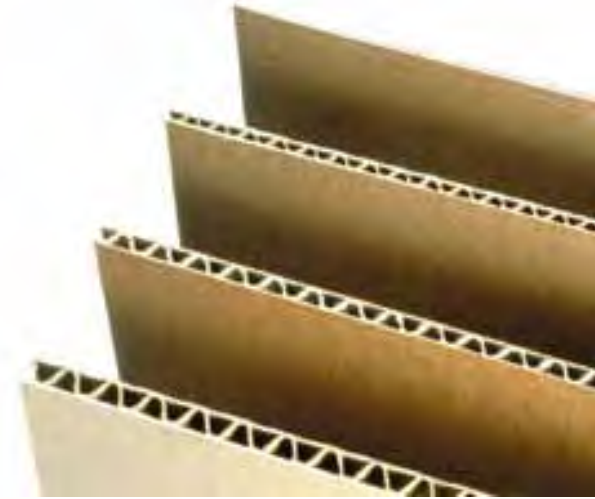
- ACOR - peak resource recovery organisation in Australia
- Established in 1983
- **Vision** – maximize resource recovery, achieve highest resource value of Australia's secondary materials.
- **Mission** – encourage governments, industry and community to take actions that advance optimal recovery and facilitate removal of barriers that hinder effective reprocessing.



ACOR

# ACOR's membership

- Batteries
- Cardboard
- Construction and Demolition
- E-Waste
- Glass
- Paper and newsprint
- Metals
- Plastics
- Tyres
- Whitegoods
- Alternate technologies



# ACOR members include:



Australian Vinyls Corporation Limited

Alcoa Australia  
Rolled Products



Norske Skog



THE SUSTAINABLE RESOURCE COMPANY



VISY MAKES  
RECYCLING EASY



SIMS GROUP

Boral  
Recycling



NORSTAR



ASTRON



# ACOR Snapshot

Members turnover of \$11.5 B

Capital investment \$6.02 B

Directly employee 10,895 staff

Indirectly employ 27,705

**Recycle 12,990,000 tonnes pa or 86%**

Residual to landfill is 5% or 671,700 T



**ACOR**

# ACOR

**ACOR Vision:** Move from “throw away society” to  
“Recycling Society” = **Sustainability**

- Resource Recovery is *our business*
- Source of knowledge, expertise and experience.
- Lobby for better resource management outcomes

[www.acor.org.au](http://www.acor.org.au)



# Recycling Benefits

- Reduce green house gas (Climate Change impacts)
- Creates jobs
- Conserves resources
- Recover energy value

Example: 1 tonne recycled newsprint

- Saves power = house for 3 months,
- Saves water = 500 showers
- Saves 1.1 T virgin raw materials
- Australia leads the world in recovery 75.4%

# Waste Generation

**Waste** – product that has no use or value and is discarded

## Perfect world

- No waste

## Reality

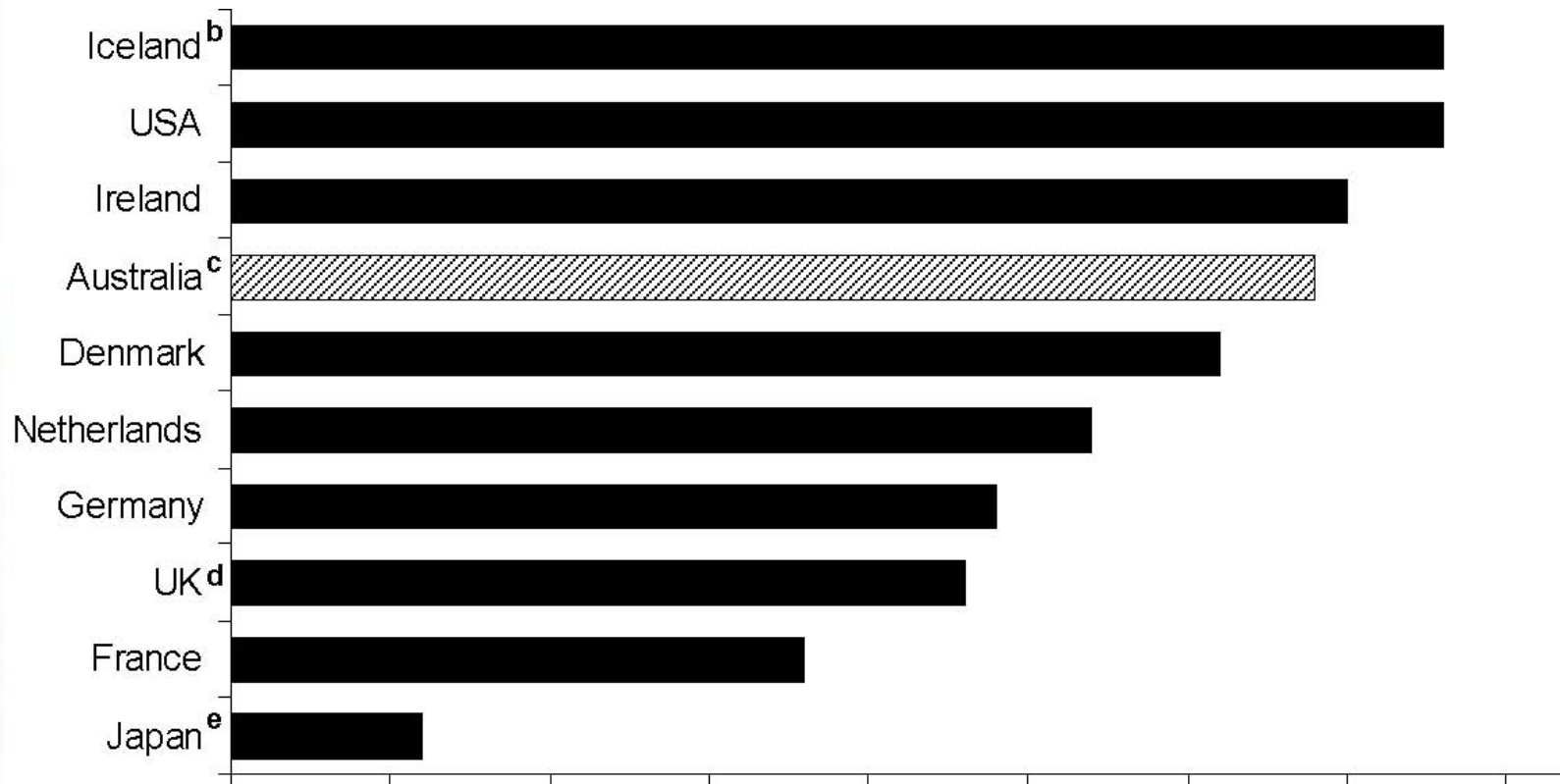
- Generation is increasing
- Productivity Commission Report
  - Australia discards 32,000,000 tonnes pa \*
  - 8,640,000 T Municipal
  - 9,280,000 T Commercial and industrial
  - 13,440,000 T Construction & demolition
  - Equivalent 1.7 tonne per person \*
  - 80% of consumables are waste within 6 mths
- Recycle 15,000,000 M tonnes \*

\* (2002-03)



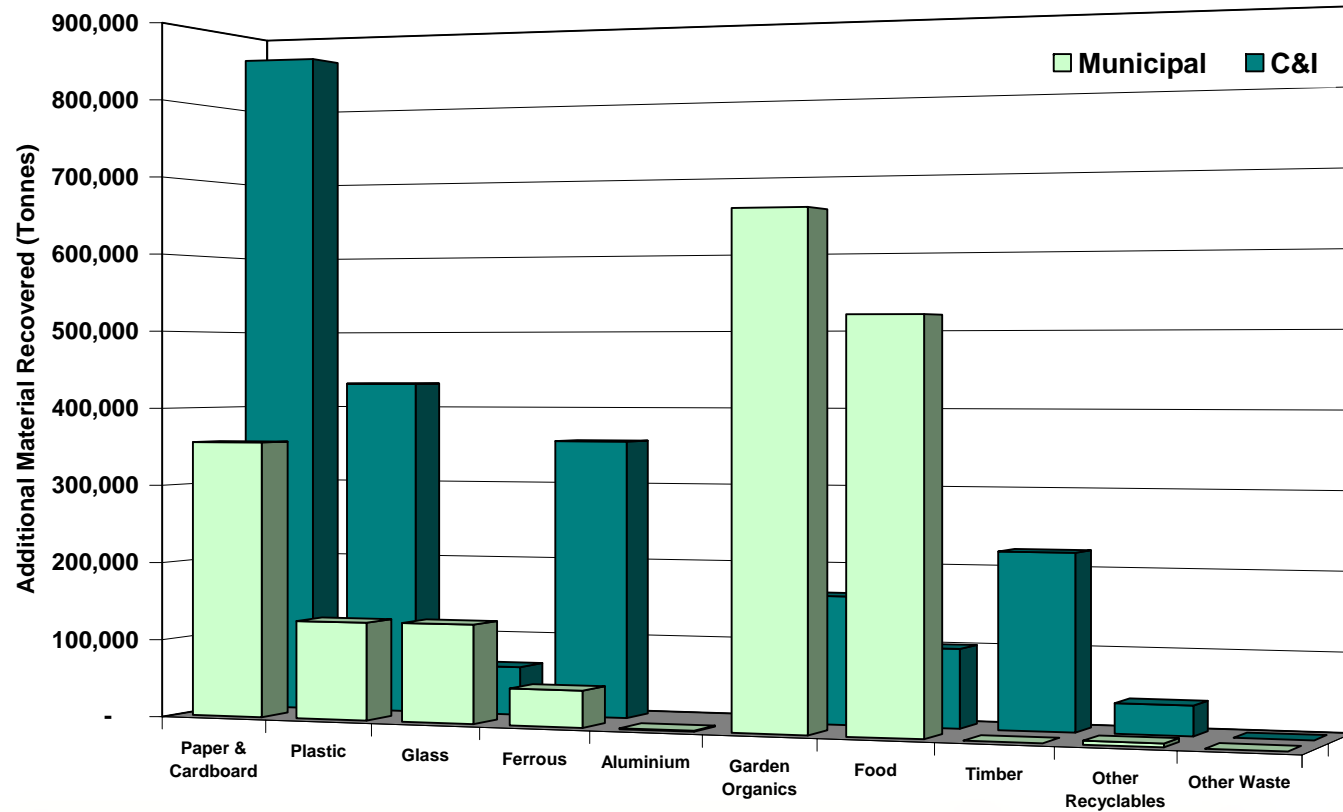
# Comparison with OECD Countries

## MSW generation in selected countries (per capita 2002)



Data source: OECD (2005).

# Additional recyclables to meet NSW 2014 target



# Background to Kerbside Specs.

2001-2 ACOR co-ordinated the development of:

- Specifications for post consumer packaging
  - Al, steel, paper, PET, PVC, HDPE, LDPE
- Fillers marketing in potentially recyclable materials
  - Al, Steel, PET, HDPE
- Industry wide collaboration, Australia and New Zealand
- Funded by NPC
- Launched and promoted 2003
- Endorsed in the NPC Mark II
- Password protected on web

# Background to Kerbside Specs.

Evolution in packaging and recycling technology

2006 – Review and promotion :

- Specifications for post consumer packaging
  - Al, steel, paper, PET, PVC, HDPE, LDPE
- Fillers marketing in potentially recyclable materials
  - Al, Steel, PET, HDPE
- Industry wide collaboration in Australia
- Funded by DEH
- Password protected on web site



# Seminar Format

The role of Kerbside Recycling in the NPC

- QLD EPA
- NPC
- Paper
- Glass
- PET/HDPE
- LDPE

AFTERNOON TEA

- PVC
- Aluminium
- Steel Cans
- Questions and Discussion