

Recycle Today to indulge a Greener and Cleaner World Tomorrow

De Wrachien Daniele

The State University of Milan , Italy

The global waste management market is increasing rapidly with time, and as per the reports the previous value was at \$285.0 billion in 2016 and is projected to reach around \$435.0 billion by 2023, which shows growing at a CAGR of 6.2% from 2017 to 2025.

The waste management market is classified based on three most important segments: Type, region and service. Again on basis of waste type market can be divided into industrial waste, municipal waste and hazardous waste. For the last two years according to the reports of 2017, the municipal waste market ruled in terms of revenue, and trend predicts that it will continue for the following years. In terms of service the market is divided into parts: One deal with the collection service and the other is disposal service. In Region wise, the market is divided into 4 sections across the world: North America, Europe, LAMEA and Asia- Pacific. In this sector, Europe has the major control over the waste management market share as they possess government support along with sophisticated high-class technology.

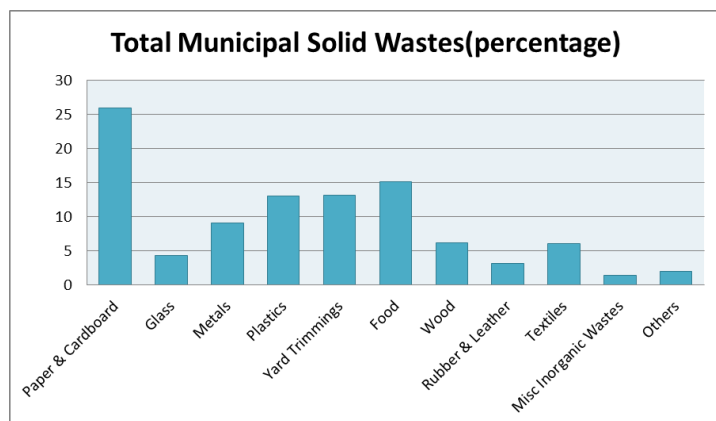


Figure 1: Different types of Municipal Waste generated by USA

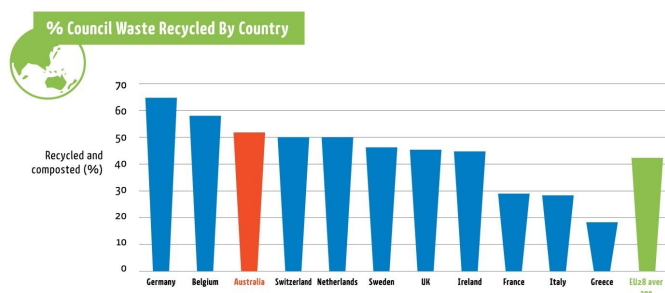


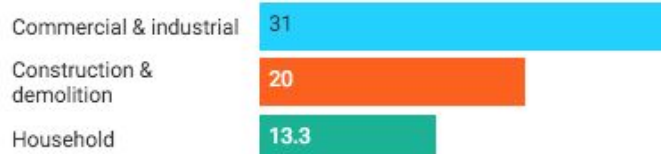
Figure 2: Waste Recycled Country wise

Australia's position in Waste Management

Australia competes with the world in many fields and even they play a major role in recycling. They are having the major control over the newspaper recycling industry. The Electronic waste generation is three times more than any other type of waste generation in Australia. Recycling opportunities are being provided by many programs for example Cartridges 4 Planet Ark and MobileMuster but around the year 2012 the national legislation imposed a law according to which the manufacturers and importers of Electronic gadgets like television and computer have to provide free services of recycling to households and small scale businesses.

Australia's waste producers and how much they recycle in megatonnes

Waste produced (Mt)



Waste recycled (Mt)



Waste landfilled (Mt)



Chart: ABC News • Source: Australian National Waste Report 2016

Figure 3: Australia's waste producers and the amount recycled in megatonnes

Key players in Waste Management Market

Clean Harbors

Daiseki Co. Ltd

Advanced Disposal Services

Suez Environment S.A.

Veolia Environment S.A

Biffa Group

Remondis AG & Co. Kg

Waste Management Inc.

Waste Connections

Advanced Disposal

Casella

Republic Services

Drywall Recycling Services Inc

Waste Industries

Lake Shore Recycling System

Progressive Waste Solutions

The key market players followed some strategies like partnership, product launch, collaboration and business expansion.

Top Universities

University of Central Lancashire

University of Leeds

Swansea University

University of Bordeaux

Institute of Technology, Carlow

KU Leuven

University of Edinburgh

University of California, Berkeley

Stanford University

Massachusetts Institute of Technology

Wageningen University

Harvard University

University of Oxford

University of Cambridge

Imperial College London

University of British Columbia

National University of Singapore

The University of Queensland