ABBA PROJECT – METADATA REPORT – URBAN WASTE

URBAN WASTE

Dataset Title	URBAN_WASTE - MUNICIPAL_SOLID_WASTE - CONSTURCTION_DEMOLITION - COMMERCIAL_INDUSTRIAL
Status	Published
Metadata Maintained by	DEM

Description

Category	BIOENERGY
Theme	RESIDUES
Keywords and Qualifiers	ENERGY Bioenergy
Dataset Type	Spatial
Description	Data generated and collected for the Australian Biomass for Bioenergy Assessment project for upload onto the Australian Renewable Energy Mapping Infrastructure
Dataset Use	South Australian component of a national initiative to catalyse investment in Bioenergy projects
Projection/ Coordinate System	GDA 2020

Custodian

Data Authority

Data Authority	Department for Energy and Mining
Data Authority Name	Customer Services Level 4, Waymouth Street, Adelaide Department for Energy and Mining resources.customerservices@sa.gov.au
Data Manager	Robert Middleton Spatial Systems Manager Department of the Planning, Transport & Infrastructure Robert.Middleton@sa.gov.au 8343 2015
Subject Matter Expert and Data Integrity Officer	Mary Lewitzka Industry Development Officer Department for Energy and Mining Mary.Lewitzka@sa.gov.au 8429 3515

Data Provider

Data Provider	Department for Energy and Mining

Data Quality

Lineage

MSW: Kerbside collection of waste and recycling in South Australia, surveyed annually by LGA, was used to infer residual information.

For source separated organics and rubbish organics fraction, the values from the LGA survey data for kerbside organics collection were used and residues inferred from recent kerbside audit data collected for South Australia (Zero Waste SA, 2009).

The State-wide volume of other municipal waste collected as a biomass residue was estimated by subtracting the kerbside collected organics from the total municipal derived organics reported in the South Australia Recycle Activity report 2013-14 (Zero Waste SA, 2015). This State-wide value was split between LGA based on population obtained from ABS statistics (ABS, 2017).

C&I / C&D: State-wide data for (source separated) organics resource recovery reported by the South Australia Recycle Activity report 2013-14 (Zero Waste SA 2015) was used to estimate potential biomass residues by ABS SA4 Regions for the following categories; Food organics, Garden organics, Timber organics, Other organics and the Organics fraction of Rubbish.

Access to experience and knowledge of major C&I and C&D activity across the State was utilised to assign the estimated volumes of biomass residues between different regions that could be attributed to major point sources. The balance of the organics biomass volumes (not allocated in this way) was first split according to reported Metropolitan and Regional splits provided in the South Australia Recycle Activity report 2013-14 and then distributed between the regions according to population.

Completeness

Complete

Positional Accuracy

The ABS Structures are areas that the ABS designs specifically for outputting statistics. This means that the statistical areas are designed to meet the requirements of specific statistical collections as well as geographic concepts relevant to those statistics such as remoteness and urban/rural definitions. This helps to ensure the confidentiality, accuracy and relevance of the data. The ABS Structures are stable for five years to enable better comparison of data over time.

Source:
http://www.abs.gov.au/websitedbs/D3310114.nsf/home/Australian+Statistical+Geography+Standard+(ASGS)

Method / Capture Scale	**Method**	**Capture Scale**	**Comment**
	Process Modelling	ABS SA4 and LGA	Based on Kerbside collection data and South Australia's Recycle Activity report

Tables

Feature Dataset: CROPPING, HORTICULTURE		
Feature Classes:		
Type	**Feature class name**	**Alias**
POLY	MUNICIPAL_SOLID_WASTE	Municipal Solid Waste
POLY	CONSTRUCTION_DEMOLITION	Construction & Demolition
POLY	COMMERCIAL _INDUSTRIAL	Commercial & Industrial

Field Description

Minimum field requirements for each feature class listed above.

Some feature classes may have additional fields listing volumes of specific source crops and/or residue categories (e.g. Wheat, Beans, Manure and Chaff, Stems, Shells, Bedding straw etc.)

Table	Name	Data Type	Description
e.g. MSW	REGION_NAME	Text	Local name of the spatial unit for which the data is published. This can be a defined boundary like a local government area or it can be a custom spatial unit depending on the source of the data.
	REGION_TYPE	Text	Defined region for which the data is being published; e.g. Local Government Area, ASGS 2011 - ABS SA4, National Plantation Inventory Boundary etc.
	RESIDUE_TYPE	Text	Type of residue mapped; e.g. Harvest residues, Wood processing residues, Grape Marc etc.
	RESIDUE_UNIT	Text	Unit the residue has been recorded in; e.g. kilograms, dry tonnes, hectares etc. This unit applies to the following fields: TOTAL RESIDUES, MINIMUM, and MAXIMUM.
	BIOMASS_DESCRIPTION	Text	Detailed description of the type of residue mapped. This may include whether this data is presented as an average, a once off value or provide further detail on the residue or feedstock.
	TIMEFRAME	Text	Time period for when the data was sourced, collected or predicted; e.g. 2010-2015, 2015, 2020-2030 etc.
	TOTAL_RESIDUES	Long Integer	Total value of the residue mapped (as described in RESIDUE TYPE and defined in RESIDUE UNIT).
	MINIMUM	Long Integer	Minimum potential value calculated over the time period outlined in TIMEFRAME. Note,

			this field may not always be populated and its value may depend on the data source and/or analysis. The data in this field provides an indication of the potential variation in feedstocks over time. In some cases it may reflect climatic variations or seasonal availability which will be detailed in NOTE.
	MAXIMUM	Long Integer	Maximum potential value calculated over the time period outlined in TIMEFRAME. Note, this field may not always be populated and its value may depend on the data source and/or analysis. The data in this field provides an indication of the potential variation in feedstocks over time. In some cases it may reflect climatic variations or seasonal availability which will be detailed in NOTE.
	NOTE	Text	Any relevant additional information related to the dataset. This field may be left blank.

Dataset Status

Initially Acquired	30-MAR-2017
Last Updated	07-JULY-2017
Update Frequency	As required
Maintenance Method	Incorporate updated Kerbside Recycle and Recycle Activity report data
Metadata Created	31-JULY-2017
Metadata updated	01-OCTOBER-2020

Security Classification

ISMF Classification	Public
ISMF Integrity	I1 - MODERATE Requirement
ISMF Availability	A1 - MODERATE Requirement
AusGOAL Licensing Classification	CC BY (Attribution)
Attribution	
Further considerations for supply of dataset	No

Operator Notes

Related Datasets and Associated Products	Kerbside collection data (LGA) South Australia Recycle Activity report 2013-14 (Zero Waste SA, 2015)

For more information

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