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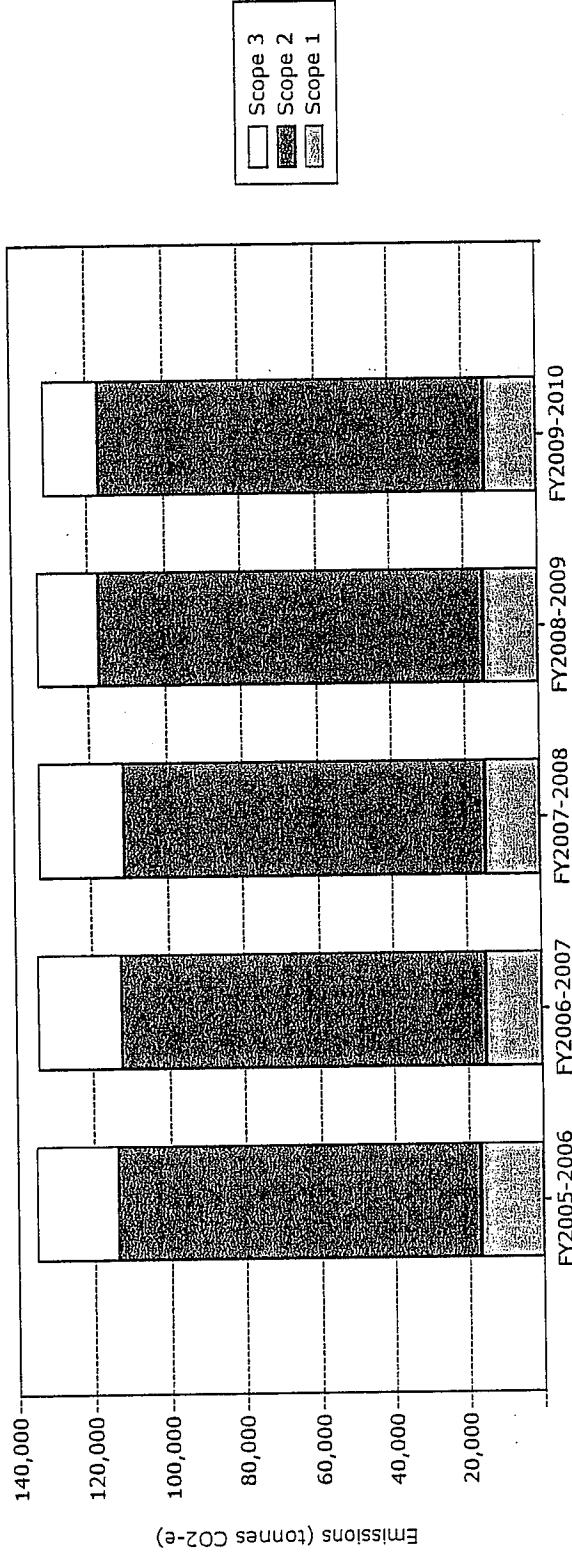
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# Commonwealth Scientific and Industrial Research Organisation (CSIRO)

Include Sub Entities: Yes No  
 Include Pre Membership: No No  
 Sector Grouping: No No  
 End Use Category Grouping: Yes Yes

## Nett Emissions



## Activities

Activities	FY2005-2006	FY2006-2007	FY2007-2008	FY2008-2009	FY2009-2010
Computer Centres					
Electricity				2,067,820	1,746,465
Total energy				7,444.15	6,287.27
Primary scope emissions				2,106.44	1,821.31

		2,494	220	205	
<b>Laboratories</b>					
Automotive diesel	L				29,780
Diesel Oil	L				108,885,793
Electricity	kWh	118,590,138	118,025,797	113,376,392	103,066,621
Liquefied petroleum gas	L	116,125	98,856	98,856	6,438.5
Natural gas	MJ	244,814,321	224,785,494	231,221,934	238,328,521
Total energy	GJ	674,819.5	652,227.45	641,915.63	609,533.83
Primary scope emissions	tonnes	115,453.83	113,832.67	113,543.73	113,808.93
<b>Office - Central Services</b>					
Electricity	kWh	297,182	459,003	662,215	609,388
Natural gas	MJ	2,751,937	2,613,643	2,848,507	4,590,934
Total energy	GJ	3,821.79	4,266.05	5,232.48	6,784.73
Primary scope emissions	tonnes	400.49	532.9	739.83	843.95
<b>Office - Tenant Light and Power</b>					
Electricity	kWh	693,426	903,600	1,545,168	1,421,901
Total energy	GJ	2,496.33	3,252.96	5,562.6	5,118.84
Primary scope emissions	tonnes	599.28	780.5	1,382.29	1,419.68
<b>Other Buildings</b>					
Automotive diesel	L	20,687	20,745	20,745	
Electricity	kWh	4,168,072	4,114,751	4,113,610	14,331,247
Fuel oil	L	12,658	3,500	3,500	
Liquefied petroleum gas	L	684	441	441	495
Total energy	GJ	16,337.6	15,767.99	15,761.93	51,605.21
Primary scope emissions	tonnes	3,694.9	3,620.61	3,746.82	12,863.97
<b>Other Transport</b>					
Automotive diesel	L	346,854	254,252	230,495	
Total energy	GJ	13,388.56	9,814.13	8,897.11	52,036.36
Primary scope emissions	tonnes	933.18	684.04	620.57	13,143.01
<b>Other Uses</b>					
Liquefied petroleum gas	L				5,091
Total energy	GJ				130.84
Primary scope emissions	tonnes				7.84

		1,224,347	1,031,561	781,123	128,082.8	332,058
<b>Passenger Vehicles</b>						
Automotive gasoline (petrol)	L					29,743
Diesel Oil	L					702,612
E-10 (Biofuel)	L					14,939
Gasoline (other than for use as fuel in an aircraft)	L					38,222.66
Liquefied petroleum gas	L	23,805	18,874	20,393	19,886.5	2,597.27
Total energy	GJ	42,484.46	35,764.45	27,238.51	33,800.65	
Primary scope emissions	tonnes	2,800.91	2,358.27	1,808.33	2,277.34	
<b>Total energy use</b>	<b>GJ</b>	<b>753,348.25</b>	<b>721,093.04</b>	<b>704,608.25</b>	<b>714,287.41</b>	<b>718,408.03</b>
<b>Total emissions (CO2-e)</b>						
Primary scope	tonnes	123,882.6	121,809	121,841.57	133,320.32	138,166.81
Scope 1	tonnes	16,934.33	15,131.51	14,761.46	14,749.78	14,133.65
Scope 2	tonnes	106,948.27	106,677.49	107,080.1	118,570.54	124,033.16
Scope 3	tonnes	23,172.18	23,647.02	24,245.4	17,842.71	17,282.31
Scope 1 & 2	tonnes	123,882.6	121,809	121,841.57	133,320.32	138,166.81
Scope 1 & 2 & 3	tonnes	147,054.78	145,456.02	146,086.97	151,163.03	155,449.13
<b>Nett emissions</b>		<b>FY2005-2006</b>	<b>FY2006-2007</b>	<b>FY2007-2008</b>	<b>FY2008-2009</b>	<b>FY2009-2010</b>
<b>Nett emissions (CO2-e)</b>						
Primary scope	tonnes	123,882.6	121,809	121,841.57	133,320.32	138,166.81
Scope 1	tonnes	16,934.33	15,131.51	14,761.46	14,749.78	14,133.65
Scope 2	tonnes	106,948.27	106,677.49	107,080.1	118,570.54	124,033.16
Scope 3	tonnes	23,172.18	23,647.02	24,245.4	17,842.71	17,282.31
Scope 1 & 2	tonnes	123,882.6	121,809	121,841.57	133,320.32	138,166.81
Scope 1 & 2 & 3	tonnes	147,054.78	145,456.02	146,086.97	151,163.03	155,449.13
<b>Offsets</b>		<b>FY2005-2006</b>	<b>FY2006-2007</b>	<b>FY2007-2008</b>	<b>FY2008-2009</b>	<b>FY2009-2010</b>
<b>Computer Centres</b>						
Greenpower	kWh				(310,174)	(278,311)
Total energy	GJ				(1,116.63)	(1,001.92)
Primary scope emissions	tonnes				(315.97)	(297.59)
<b>Laboratories</b>						
Greenpower	kWh				(13,079,207)	(17,712,507)
Total energy	GJ				(47,085.15)	(63,765.03)
Primary scope emissions	tonnes				(13,580.99)	(17,797.9)

<b>Office - Central Services</b>									
	Greenpower	kWh	(29,718)	(45,900)	(82,777)	(91,408)	(95,804)		
	Total energy	GJ	(106.98)	(165.24)	(298)	(329.07)	(344.89)		
	Primary scope emissions	tonnes	(25.68)	(39.65)	(74.05)	(91.27)	(91.35)		
<b>Office - Tenant Light and Power</b>									
	Greenpower	kWh	(69,343)	(90,360)	(193,146)	(213,285)	(223,544)		
	Total energy	GJ	(249.63)	(325.3)	(695.33)	(767.83)	(804.76)		
	Primary scope emissions	tonnes	(59.93)	(78.05)	(172.79)	(212.95)	(213.14)		
<b>Other Buildings</b>									
	Greenpower	kWh	(416,807)	(411,475)	(514,201)	(1,800,373)	(2,890,486)		
	Total energy	GJ	(1,500.51)	(1,481.31)	(1,851.12)	(6,481.34)	(10,405.75)		
	Primary scope emissions	tonnes	(360.22)	(355.42)	(460)	(1,616.36)	(2,591.03)		
	<b>Total energy use</b>	<b>GJ</b>	<b>(42,059.52)</b>	<b>(39,011.08)</b>	<b>(42,750.21)</b>	<b>(55,780.01)</b>	<b>(76,322.35)</b>		
<b>Total Offsets (CO2-e)</b>									
	Primary scope	tonnes	(10,097.05)	(9,360.09)	(10,623.31)	(15,817.53)	(20,991.01)		
	Scope 1	tonnes							
	Scope 2	tonnes	(10,097.05)	(9,360.09)	(10,623.31)	(15,817.53)	(20,991.01)		
	Scope 3	tonnes	(1,830.11)	(1,773.88)	(2,052.24)	(2,008.84)	(3,070.91)		
	Scope 1 & 2	tonnes	(10,097.05)	(9,360.09)	(10,623.31)	(15,817.53)	(20,991.01)		
	Scope 1 & 2 & 3	tonnes	(11,927.16)	(11,133.98)	(12,675.55)	(17,826.38)	(24,061.91)		
<b>Total inventory</b>									
<b>Nett inventory (CO2-e)</b>									
	Primary scope	tonnes	113,785.55	112,448.91	111,218.26	117,502.78	117,175.81		
	Scope 1	tonnes	16,934.33	15,131.51	14,761.46	14,749.78	14,133.65		
	Scope 2	tonnes	96,851.22	97,317.39	96,456.79	102,753	103,042.15		
	Scope 3	tonnes	21,342.07	21,873.14	22,193.16	15,833.87	14,211.41		
	Scope 1 & 2	tonnes	113,785.55	112,448.91	111,218.26	117,502.78	117,175.81		
	Scope 1 & 2 & 3	tonnes	135,127.62	134,322.04	133,411.42	133,336.65	131,387.21		