

Technosphere categories		Data sources				Estimates			Uncertainty Range
		MISO2	Matitia	Other	Other ref	non- buildings	buildings	Combined	
	Residential buildings	289813	246072	512000	Haberl	0	349295	349295	1.5
	Service buildings			15000	Deetman	0	15000	15000	3
Ambient	Ambient conditioning	285				285	0	285	5
	Furnishings	1415	436			1445	0	1445	3
	Apparel	37	389			389	0	389	5
Informational	Storage & Processing	1585	47			1585	660	2245	5
	Communications Infrastructure	24570				24570	1270	25840	5
	Food growth & collection	84	625			625	1270	1895	5
Food provision	Food processing	42				42	2540	2582	5
	Food preparation	76	236			156	0	156	
	Extraction	713				713	6350	7063	5
Non-food provision	Water supply	58194				58194	1270	59464	5
	Energy provision	55996	12016	10399	Kalt	26137	1270	27407	4
Technosphere	Processing	420				420	29210	29630	3
construction and maintenance	Artifact creation and maintenance	1888	3867			2877	44450	47327	3
	Construction	839	1960			1400	6350	7750	3
Maintenance of surroundings	Inhabited environment maintenance	378	473			425	0	425	5
	Waste management	48495				48495	6350	54845	3
	Surfaces	337090.5	376908	314000	Wiedenhofer	342666	0	342666	1.5
	Vehicles	4773	4398			4398	0	4398	1.5
Transportation	Aircraft		2			2	0	2	3
	Aquatic vessels		626			626	0	626	2
	Packaging & logistics	24719	948			24719	25140	49859	3
	Pipelines	4850	1075			2962	0	2962	3
	Force		21			64	4470	4534	4
Allocation	Access control						12950	12950	3
	Allocation activities	4				4	1980	1984	3
Somatic	Health care, hygiene & grooming	78	73			76	2920	2996	3
	Deliberate neural restructuring	4				4	6600	6604	3
Neural	Active recreation	2425				2425	3300	5725	3
	Interactive	78				78	1650	1728	3

Supplementary Table. Masses of EUTEC categories as estimated from previously-published works. All masses given as Mt. The range obtained by multiplying or dividing the combined estimate by the uncertainty range factor is expected to span the true value 95% of the time.