

Appendix 2 - Literature references used for GHGE data points of indicator products						
n	Indicator product	Authors	Year of Publication	Journal	Type of publication	Analysis location
1	Bread	Espinoza-Orias N, Stichnothe H, Azapagic A	2011	The International Journal of Life Cycle Assessment	Scientific paper	United Kingdom
		Korsaeth A, Jacobsen AZ, Roer AG, Henriksen TM, Sonesson U, Bonesmo H, Skjelvåg AO, Strømman A	2012	Acta Agriculturae Scandinavica, Section A — Animal Science	Scientific paper	Norway
2	Wheat flour	Fantin V, Rondini I, Righi S, Pasteris A, Coatti F, Passerini F, Masoni P	2015	Proceedings of the International conference on Life Cycle Assessment as reference methodology for assessing supply chains and supporting global sustainability challenge - LCA for “Feeding the planet and energy for life” EXPO 2015	Conference paper	Italy
		Ruini L, Ferrari E, Meriggi P, Marino M, Sessa S, Principato L	2013	Agriregionieuropa	Report	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia, Italy	Report	Italy
3	Mais	Fantin V, Rondini I, Righi S, Pasteris A, Coatti F, Passerini F, Masoni P	2015	Proceedings of the International conference on Life Cycle Assessment as reference methodology for assessing supply chains and supporting global sustainability challenge - LCA for “Feeding the planet and energy for life” EXPO 2015	Conference paper	Italy
4	Barley	Rajaniemi M, Mikkola H, Ahokas J	2011	Agronomy Research	Scientific paper	Finland
5	Oat	Rajaniemi M, Mikkola H, Ahokas J	2011	Agronomy Research	Scientific paper	Finland
6	Millet	Audsley E, Brander M, Chatterton J, Murphy-Bokern D, Webster C, Williams A	2009	WWF-UK	Report	United Kingdom

7	Breakfast cereal	Jeswani HK, Burkinshaw R, Azapagic A	2015	Sustainable production and consumption	Scientific paper	United Kingdom
		Ma BL, Liang, BC, Biswas DK.	2012	Nutrient Cycling in Agroecosystems	Scientific paper	Canada
8	Pizza	National Footprint Account	2008	Global Footprint Network	Report	Italy
9	Pasta with egg	Ministry of the Environment and Protection of Land and Sea	2013	National programme for carbon footprint assessment	Report	Italy
10	Pasta	Ruini L, Ferrari E, Meriggi P, Marino M, Sessa F, Principato L	2013	Agriregionieuropa	Scientific paper	Italy
		Ministry of the Environment and Protection of Land and Sea	2015	National programme for carbon footprint assessment	Report	Italy
		Ministry of the Environment and Protection of Land and Sea	2011	National programme for carbon footprint assessment	Report	Italy
		Ministry of the Environment and Protection of Land and Sea	2014	National programme for carbon footprint assessment	Report	Italy
		Voiello, Registration number S-P 00491	2014	Environmental declaration	Technical sheet	Italy
11	Rice	Blengini GA, Busto M	2009	Journal of Environmental Management	Scientific paper	Italy
12	Biscuits	Barilla, Registration number S-P 00421	2005	Environmental declaration	Technical sheet	Italy
		Barilla, Registration number S-P-00324	2012	Environmental declaration	Technical sheet	Italy
		Barilla, Registration number S-P 00485	2013	Environmental declaration	Technical sheet	Italy
		Barilla, Registration number S-P-00230	2012	Environmental declaration	Technical sheet	Italy
		Barilla, Registration number S-P 00416	2013	Environmental declaration	Technical sheet	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
13	Snack cake	National Footprint Account	2008	Global Footprint Network	Report	Italy
14	Croissant with cream	Barilla, Registration number S-P-00319	2012	Environmental declaration	Technical sheet	Italy
15	Croissant with jam	Barilla, Registration number S-P-00330	2012	Environmental declaration	Technical sheet	Italy
16	Crackers	Barilla, Registration number S-P-00229	2013	Environmental declaration	Technical sheet	Italy
		Barilla, Registration number S-P-00225	2013	Environmental declaration	Technical sheet	Italy
		Barilla, Registration number S-P-00331	2012	Environmental declaration	Technical sheet	Italy
		Barilla, Registration number S-P-00226	2013	Environmental declaration	Technical sheet	Italy

17	Green bean	National Footprint Account	2008	Global Footprint Network	Report	Italy
18	Dried legumes	Fuentes C, Carlsson-Kanyama A, Biel A, Bergström K, Carlsson-Kanyama A, Fuentes C, Grankvist G, Lagerberg G, Fogelberg C, Shanahan H, Solér C	2006	Environ Management	Scientific paper	United Kingdom
19	Chicory	Tamburini E, Pedrini P, Marchetti G, Fano EA, Castaldelli G	2015	Sustainability	Scientific paper	Italy
20	Lettuce	Bartzas G, Zaharaki D, Komnitsas K	2015	Information processing in agriculture	Scientific paper	Italy and Spain
		Castaldi S, Fidaleo M, Moresi M, Valentini R.	2009	University of Tuscia. Italy	Report	Italy
21	Carrots	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
		Raghu KC	2014	Lappeenranta University of Technology, Master thesis	Master thesis	Finland
		Karlsson H	2012	Norwegian University of Life Science	Master thesis	Norway
22	Egg plant	Audsley E, Brander M, Chatterton J, Murphy-Bokern D, Webster C, Williams A	2009	WWF-UK	Report	United Kingdom
23	Spinach	Kramer KJ, Moll HC, Nonhebel S	1999	Agriculture, ecosystem and Environment	Scientific paper	The Netherlands
24	Tomatoes	Cellura M , Ardente F, Longo S	2012	Journal of Environmental Management	Scientific paper	Italy
		Theurl MC, Haberl H, Erb KH, Lindenthal T	2014	Agronomy for Sustainable Development	Scientific paper	Italy
25	Canned tomatoes	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
		Manfredi M, Vignali G	2014	Journal of Cleaner Production	Scientific paper	Italy
26	Pepper	Cellura M , Ardente F, Longo S	2012	Journal of Environmental Management	Scientific paper	Italy
27	Cucumber	Audsley E, Brander M, Chatterton J, Murphy-Bokern D, Webster C, Williams A	2009	World Wildlife Fund (WWF) and Food Climate research network WWF-UK	Report	United Kingdom
		Raab M, Brunklaus B	2012	Chalmers University of Technology	Scientific paper	Spain
28	Asparagus	Soode E, Lampert P, Weber-Blaschke G, Richter K	2014	Journal of Cleaner Production	Scientific paper	Germany
		Blanke M, Schaefer F	2012	University of Bonn	Lecture	Germany
29	Pumpkin	Blanke M, Schaefer F	2012	University of Bonn	Lecture	Germany

30	Courgette	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
		Cellura M , Ardente F, Longo S	2012	Journal of Environmental Management	Scientific paper	Italy
31	Broccolo	Edwards J, Plassmann EJ, Hounsome Y, Mila i Canals J	2008	Environmental Science & Policy.	Scientific paper	United Kingdom
		DEFRA	2014	T H Clements's Carbon Footprinting Challenge	Report	United Kingdom
32	Artichoke	Lo Giudice A, Mbohwa C, Clasadonte MT, Ingrao C	2014	International Journal of Environmental Research	Scientific paper	Italy
33	Mushroom	Audsley E, Brander M, Chatterton J, Murphy-Bokern D, Webster C, Williams A	2009	World Wildlife Fund (WWF) and Food Climate research network WWF-UK	Report	United Kingdom
34	Onion	Fogelberg C, Carlsson-Kanyama A	2006	Swedish Defence Agency	Report	Sweden
		O'Halloran, Fisher and Rab	2008	Horticulture Australia Limited (HAL)	Conference paper	Australia
		Fogelberg C, CarlssonKanyama A	2006	Swedish Defence Agency	Report	Denmark Sweden
		Saunders C, Barber A, Taylor G	2006	Lincoln University	Report	United Kingdom
35	Potatoes	Carlsson-Kanyama A	1998	Food Policy	Scientific paper	Sweden
		Ecoinvent Centre	2013	Swiss Centre for Life Cycle Inventories	Report	Switzerland
		Kramer KJ, Moll HC, Nonhebel S	1999	Agriculture Ecosystem & Environment	Scientific paper	The Netherlands
		Röös E, Sundberg C, Hansson PA	2010	International Journal of Life Cycle Assessment	Scientific paper	United Kingdom
36	Orange	Pergola M, D'Amico M, Celano G, Palese AM, Scuderi A, Di Vita G, Pappalardo G, Inglese P	2013	Journal of Environmental Management	Scientific paper	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R.	2009	University of Tuscia. Italy	Report	Italy
37	Lemon	Pergola M, D'Amico M, Celano G, Palese AM, Scuderi A, Di Vita G, Pappalardo G, Inglese P	2013	Journal of Environmental Management	Scientific paper	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy

38	Mandarin	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
39	Apple	Sessa F, Marino M, Montanaro G, Dal Piaz A, Zanotelli D, Mazzetto F, Tagliavini M	2014	Proceedings of the 9th International Conference on Life Cycle Assessment in the Agri-Food Sector	Conference paper	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
		Tamburini E , Pedrini P , Marchetti MG , Fano EA and Castaldelli G.	2015	Sustainability	Scientific paper	Italy
		Cerutti AK, Bruun S, Donno D, Beccaro GL, Bounous G	2013	Journal of Cleaner Production	Scientific paper	Italy
40	Pear	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
		Tamburini E , Pedrini P , Marchetti MG , Fano EA, Castaldelli G	2015	Sustainability	Scientific paper	Italy
41	Peach	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
42	Apricot	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
43	Grapefruit	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
44	Fig	National Footprint Account	2008	Global Footprint Network	Report	Italy
45	Strawberry	REWE Group	2009	Product Carbon Footprint	Report	Spain
		Williams A, Pell E, Webb J, Moorhouse E, Audsley E	2008	Proceedings of the 6th International Conference on LCA in the Agri-Food Sector	Conference paper	Spain
		Williams A, Pell E, Webb J, Moorhouse E, Audsley E	2008	Proceedings of the 6th International Conference on LCA in the Agri-Food Sector	Conference paper	United Kingdom
		Lillywhite R	2008	University of Warwick. United Kingdom	Report	United Kingdom
46	Raspberry	Girgenti V, Peano C, Baudino C, Tecco N	2014	Science of the Total Environment	Scientific paper	Italy
47	Bluesberry	Girgenti V, Peano C, Baudino C, Tecco N	2014	Science of the Total Environment	Scientific paper	Italy
48	Cherries	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
49	Melon	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy

50	Kiwi	Audsley E, Brander M, Chatterton J, Murphy-Bokern D, Webster C, Williams A	2009	World Wildlife Fund (WWF) and Food Climate research network WWF-UK	Report	United Kingdom
		Robertson K, Garnham M, Symes W	2014	Int J Life Cycle Asses	Scientific paper	New Zeland
51	Banana	Audsley E, Brander M, Chatterton J, Murphy-Bokern D, Webster C, Williams A	2009	World Wildlife Fund (WWF) and Food Climate research network WWF-UK	Report	United Kingdom
		Svanes E, Aronsson Anna KS	2013	The International Journal of Life Cycle Assessment	Scientific paper	Costa Rica
52	Avocado	Audsley E, Brander M, Chatterton J, Murphy-Bokern D, Webster C, Williams A	2009	World Wildlife Fund (WWF) and Food Climate research network WWF-UK	Report	United Kingdom
53	Pineapple	Moss R	2011	West Africa Fair Fruit (WAFF)	Report	Ghana
		Audsley E, Brander M, Chatterton J, Murphy-Bokern D, Webster C, Williams A	2009	World Wildlife Fund (WWF) and Food Climate research network WWF-UK	Report	United Kingdom
54	Walnut, hazelnut	Volpe R, Messineo S, Volpe M, Messineo A.	2015	Sustainability	Scientific paper	Italy
		National Footprint Account	2008	Global Footprint Network	Report	Italy
55	Olive	Rinaldi S, Barbanera M, Lascaro E	2014	Science of the total Environment	Scientific paper	Italy
		De Gennaro B, Notarnicola B, Roselli L	2012	Journal of Cleaner Production	Scientific paper	Italy
56	Beef	Coderoni S, Sonaglia L	2014	MiPAAF-INEA	National report	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
57	Poultry	Coderoni S, Sonaglia L	2014	MiPAAF-INEA	National report	Italy
58	Pork	Coderoni S, Sonaglia L	2014	MiPAAF-INEA	National report	Italy
59	Lamb	Jones AK, Jones DC, Cross P	2014	Agricultural Systems	Scientific paper	United Kingdom
		Jones AK, Jones DC, Cross P	2014	Agricultural Systems	Scientific paper	United Kingdom
		Jones AK, Jones DC, Cross P	2014	Agricultural Systems	Scientific paper	United Kingdom

60	Horse	Ferrari M, Sette S, Mistura L, Le Donne C, Piccinelli R, Buonocore P, Leclercq C	2010	Public Health Nutrition	Conference abstract	Italy
61	Processed meat	BCNF	2013	Double Pyramid	Report	Italy
62	Rabbit	Ferrari M, Sette S, Mistura L, Le Donne C, Piccinelli R, Buonocore P, Leclercq C	2010	Public Health Nutrition	Conference abstract	Italy
63	Soia	Gonzalez A, Frostell A, Carlsson-Kanyama	2011	Food Policy	Scientific paper	United Kingdom
64	Shrimps	LCA Food Database	2008	www.lcafood.dk	Database	Denmark
65	Mussels	LCA Food Database	2008	www.lcafood.dk	Database	Denmark
66	Small pelagics	Iribarren D, Vázquez-Rowe I, Hospido A, Moreira MT, Feijoo G.	2011	Sci Total Environ	Scientific paper	Italy
67	Cod	Smárason BÖ, Vidarsson JR, Þórðarson G, Magnúsdóttir L	2014	Matis	Scientific paper	United Kingdom from Iceland
		LCA Food Database	2008	www.lcafood.dk	Database	Denmark
68	Salmon	Ziegler F, Winther U, Hognes ES, Emanuelsson A, Sund V, Ellingsen H	2013	Journal of Industrial Ecology	Scientific paper	Norway to Paris
		LCA Food Database	2008	www.lcafood.dk	Database	Denmark
		Pelletier, N, Tyedmers P, Sonelsson U, Scholz A, Ziegler F, Flysjo A, Kruse S, Cancino B, Silverman H	2009	Environmental Science & Technology	Scientific report	Chile, Canada, United Kingdom
69	Ground fish	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
70	Cow milk	Fantin V, Buttol P, Pergreff R, Masoni P	2012	Journal of Cleaner Production	Scientific paper	Italy
		Penati CA, Tamburini A, Bava L, Zucali M, Sandrucci A	2013	Journal of Animal Science	Scientific paper	Italy
		Bava L, Zucali M, Tamburini A, Guerci M, Sandrucci A	2014	Quaderni della Ricerca n. 163, Regione Lombardia, Italy	Scientific paper	Italy
		Guerci M, Bava L, Zucali M, Tamburini A, Sandrucci A	2014	Journal of Cleaner Production	Scientific paper	Italy

		Guerci M, Bava L, Zucali M, Sandrucci A, Penati C, Tamburini A	2013	Journal of Dairy Research	Scientific paper	Italy
71	Goat milk	Kanyarushoki C, Fuchs F, van der Werf HMG	2008	Proceedings of the 6th International Conference on Life Cycle Assessment in the Agri-Food Sector	Conference paper	France
		Robertson K, Symes W, Garnham M	2015	Journal of Dairy Science	Scientific paper	New Zealand
72	Powered milk	Flysjö A	2012	Aarhus University, Denmark	Scientific paper	Denmark
73	Soya drink	Blonk H, Kool A, Luske B, de Waart S	2008	Blonk Milieu Advies B.V.	Scientific paper	The Netherlands
		Ogle SM, Del Grosso J, Adler PR, Parton WJ	2009	Lifecycle Carbon Footprint of Biofuels Workshop	Scientific paper	Finland
74	Yogurt	Vergé XP, Maxime D, Dyer JA, Desjardins RL, Arcand Y, Vanderzaag A	2013	Journal of Dairy Science	Scientific paper	Canada
		González-García S, Castanheira EG, Dias AC, Arrojal	2013	International Journal of Life Cycle Assessment	Scientific paper	Portugal
75	Seasoned cheese	National Footprint Account	2008	Global Footprint Network	Report	Italy
76	Sheep cheese	Favilli A, Rizzi F, Iraldo F	2003	Parallel 1a: Life Cycle 2 Inventory, Databases and Tools	Conference paper	Italy
77	Soft cheese	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
78	Mozzarella	Simonetto M, Mazzi A, Fedel A, Pieretto C, Scipioni A	2015	Proceedings of the International conference on Life Cycle Assessment as reference methodology for assessing supply chains and supporting global sustainability challenge - LCA for "Feeding the planet and energy for life" EXPO 2015	Conference paper	Italy
		Granarolo, Registration number S-P 00128	2014	Environmental declaration	Technical sheet	Italy
79	Swiss cheese	Nenecek T, Schmid A, Alig M, Schnebli K, Vaihinger M	2011	Proceeding of SETAC Europe 17th LCA Case Studies Symposium	Conference paper	Switzerland

80	Hard cheese	Caseificio Caramsche So c. Coop	2015	Environmental declaration	External Communication Report	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
81	Ricotta	Simonetto M, Mazzi A, Fedel A, Pieretto C, Scipioni A	2015	Proceedings of the International conference on Life Cycle Assessment as reference methodology for assessing supply chains and supporting global sustainability challenge - LCA for "Feeding the planet and energy for life" EXPO 2015	Conference paper	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
82	Olive oil	Pattaraa C, Salomoneb R, Cichellia A	2016	Journal of Cleaner Production	Scientific paper	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
83	Vegetable mais oil	Marchio Zucchi	2016	Environmental declaration	External Communication Report	Italy
84	Vegetable soia oil	Marchio Zucchi	2016	Environmental declaration	External Communication Report	Italy
85	Vegetable sunflower oil	Marchio Zucchi	2016	Environmental declaration	External Communication Report	Italy
86	Vegetable peanut oil	Marchio Zucchi	2016	Environmental declaration	External Communication Report	Italy
87	Butter	Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
88	Cream	Flysjö A	2012	Aarhus University. Denmark	PhD thesis	Denmark
89	Ice cream	Sammontana	2017	Environmental declaration	External Communication Report	Italy

90	Honey	National Footprint Account	2008	Global Footprint Network	Report	Italy
91	Chocolate	National Footprint Account	2008	Global Footprint Network	Report	Italy
92	Sugar	Lapi G	2013	Università Bocconi, Milan, Italy	Conference paper	Italy
		Castaldi S, Fidaleo M, Moresi M, Valentini R	2009	University of Tuscia. Italy	Report	Italy
93	Eggs	Taylor RC, Omed H, Edwards-Jones G.	2014	Poultry Science	Scientific paper	United Kingdom
		Agri-food production in Alberta	2014	Alberta Agricultural and rural development	Report	Canada
94	Drinking water	Fantin V, Scalbi S, Masoni P	2012	VI Convegno della Rete Italiana LCA	Conference paper	Italy
		Botto S	2007	Proceedings Nature	Scientific paper	Italy
95	Bottled water	Fantin V, Scalbi S, Masoni P	2012	VI Convegno della Rete Italiana LCA	Conference paper	Italy
		Botto S	2007	Proceedings Nature	Scientific paper	Italy
96	Coffee	National Footprint Account	2008	Global Footprint Network	Report	Italy
97	Tea	Azapagic A	2013	Impact Assessment and Policy Action National Multi-Stakeholder Workshop	Conference paper	Kenya
		AIT. Small and medium scale industries in Asia: energy and environmental tea sector	2002	Asian Institute of Technology	Report	Sri Lanka
		Toulos JL, Sebtosi AB	2016	Renewable and Sustainable Energy Reviews	Scientific paper	Malawian
98	Orange juice	Beccalia M, Celluraa M, Iudicelloa M, Mistret M	2010	Journal of Environmental Management	Scientific paper	Italy
99	Coca-cola	Carbon trust	2009	Carbon trust	Technical sheet	United Kingdom
100	Wine	Bonamentea E, Scruccaa F, Rinaldia S, Mericoa MC, Asdrubalib F, Lamastra L	2016	Science of The Total Environment	Scientific paper	Italy
		Bosco S, Di Benedetti C, Galli M, Remorini D, Massai R, Bonari E	2016	Italian Journal of Agronomy	Scientific paper	Italy
		National Footprint Account	2008	Global Footprint Network	Report	Italy
101	Spirits	Consulting LLC	2011	Four Elements Seattle	Report	USA

102	Beer	National Footprint Account	2008	Global Footprint Network	Report	Italy
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