APPENDICE

1. Raw data for base Line Calculations

$BE_y = E\Gamma_{CO2,FD} \bullet (FC_{BF,Y} \bullet NCV_{BF}) \bullet \eta_{BF/FF}$	**Value**	**Unit**
EFCO2, FF Emission factor of fossil fuel substituted	74.1	t CO2e/TJ
NCV_{BF} Net calorific value of biofuel	0.0396	TJ/t
ηBF/FF Engine efficiency ratio biofuel/fossil fuel	1	%

			Scenario1		Scenario2
Year	**No ha**	**Oil/Year** FCBF,y Fuel consumption of biofuel for substitution of fossil fuel in year y (t)	**Resulting Baseline Emissions BEy (t CO2 e)**	**Oil/Year** FCBF,y Fuel consumption of biofuel for substitution of fossil fuel in year y (t)	**Resulting Baseline Emissions BEy (t CO2 e)**
1	2,000	5,000	14,683	10,000	29,366
2	4,000	10,000	29,366	20,000	58,732
3	6,000	15,000	44,049	30,000	88,097
4	8,000	20,000	58,732	40,000	117,463
5	10,000	25,000	73,415	50,000	146,829
6	12,000	30,000	88,097	60,000	176,195
7	14,000	35,000	102,780	70,000	205,561
8	16,000	40,000	117,463	80,000	234,927
9	18,000	45,000	132,146	90,000	264,292
10	20,000	50,000	146,829	100,000	293,658
Total		**275,000**	**807,560**	**275,000**	**1,615,121**

2. Raw data for Project emission (fossil fuel) calculations

$PE_{FF,I,y}$ = **$FC_{i,y}$ * NCV_i * $EF_{CO2\ e,i}$**			
$FC_{i,y}$	Fossil fuel consumption of type i within the project boundary in year y	(Per oil produced)	tonnes
$FC_{i,y}$	Fossil fuel consumption (Thermopac) (per tonne of biodiesel produced)	0.005	tonnes
NCV_i	Net calorific value of fuel type i	0.04333	TJ/tonne
$EF_{CO2\ e,i}$	Carbon dioxide equivalent emission factor of fuel type i, IPCC default values will be used according to fuel type	74.1	tCO2/TJ

Scenario 1			**Motorcycle (Ton/year)**	**Buldotzer (Tonnes/year)**	**Thermopac**	
Year	**Biofuel produced**	**No ha**	**Tonnes of fossil fuel used by Motorcycle (Ton/year)**	**Tonnes of fossil fuel used by Buldotzer (Tonnes/year)**	**Tonnes of fossil fuel used in Thermopac**	**Project emissions related to consumption of fossil fuel**
1	5,000	2,000	360	6.0	25	1,255
2	10,000	4,000	720	6.0	50	2,492
3	15,000	6,000	1,080	6.0	75	3,728
4	20,000	8,000	1,440	6.0	100	4,964
5	25,000	10,000	1,800	6.0	125	6,200
6	30,000	12,000	2,160	6.0	150	7,436
7	35,000	14,000	2,520	6.0	175	8,672
8	40,000	16,000	2,880	6.0	200	9,908
9	45,000	18,000	3,240	6.0	225	11,145
10	50,000	20,000	3,600	6.0	250	12,381
Total	**275,000**	**110,000**	**19,800**	**60**	**1,375**	**68,180**

Scenario 2						
Year	**Biofuel produced**	**No ha**	**Tonnes used by Motorcycle (Ton/year)**	**Tonnes used by Buldotzer (Tonnes/year)**	**Project emissions related to consumption of fossil fuel (Thermopac)**	**Project emissions related to consumption of fossil fuel**
1	10,000	2,000	720	6.0	50	2,492
2	20,000	4,000	1,440	6.0	100	4,964
3	30,000	6,000	2,160	6.0	150	7,436
4	40,000	8,000	2,880	6.0	200	9,908
5	50,000	10,000	3,600	6.0	250	12,381
6	60,000	12,000	4,320	6.0	300	14,853
7	70,000	14,000	5,040	6.0	350	17,325
8	80,000	16,000	5,760	6.0	400	19,798
9	90,000	18,000	6,480	6.0	450	22,270
10	100,000	20,000	7,200	6.0	500	24,742
Total	**550,000**		**39,600**	**60**	**2,750**	**136,168**

3. Raw data for Project emission (Nitrogen) calculations

	$PE_{NF,i,y} = NF_{i,j,} * (EF_{N2O\_direct,I} \times (44/28)) GWP_{N2O}$		
$NF_{i,j,}$	Amount of nitrogen in fertiliser type i applied in year y	0.1	tonnes/ha
$EF_{N2O\_direct,I}$	Emission factor for N_2O-N from nitrogen fertiliser type i (B)	0.01	t N2O-N/t N
GWP N_2O	Global warming potential of N_2O	310	t CO2e/t N2O

Year	**No ha**	**Ton CO_2**
1	2,000	974
2	4,000	1,949
3	6,000	2,923
4	8,000	3,897
5	10,000	4,871
6	12,000	5,846
7	14,000	6,820
8	16,000	7,794
9	18,000	8,769
10	20,000	9,743
Total		**53,586**

4. Raw data for Project emission (Methanol) calculations

$PE_{CC, MeOH,y} = MI_{MeOH, y} * w_{ciCarbon, MeOH}$ x (44/12)		
$w_{Carbon,MeOH}$	Weight fraction of fossil carbon in methanol	0.375
$MI_{MeOH, y}$	Amount of methanol input to biodiesel production, year y	
	Tonnes of methanol to produce 1 ton of biodiesel.	0.09

Year	**No ha**	**Biofuel production**	**Project emissions related to fossil carbon content of methanol input to biodiesel production in year (Scenario 1)**	**Biofuel production**	**Project emissions related to fossil carbon content of methanol input to biodiesel production in year (Scenario 2)**
1	2,000	5,000	169	10,000	338
2	4,000	10,000	338	20,000	675
3	6,000	15,000	506	30,000	1,013
4	8,000	20,000	675	40,000	1,350
5	10,000	25,000	844	50,000	1,688
6	12,000	30,000	1,013	60,000	2,025
7	14,000	35,000	1,181	70,000	2,363
8	16,000	40,000	1,350	80,000	2,700
9	18,000	45,000	1,519	90,000	3,038
10	20,000	50,000	1,688	100,000	3,375
Total		**275,000**	**9,281**	**550,000**	**18,563**

5. Raw data for Project emission (Ship) calculations

	kilometers	**miles sailed**	**Ton CO2 per tonne km**
Malaysia (Port Klang) to New Zealand (Auckland)	8,078	5020	0.000013
Chile (Port Valparaiso) and New Zealand (Auckland)	8,502	5283	0.000013

EF $_{CO2\ e,i}$	Carbon dioxide equivalent emission factor of fuel type i, IPCC default values will be used according to fuel type	74.1	tCO2/TJ

			tCO2-e			
Year	**Weight (metric tonnes)**		**Scenario 1**		**Scenario 2**	
	Oil/Year (Scenario 1)	**Oil/Year (Scenario 2)**	**Malaysia-NZ**	**Chile-NZ**	**Malaysia-NZ**	**Chile-NZ**
1	5,000	10,000	525.07	552.63	1050.14	1105.26
2	10,000	20,000	1050.14	1105.26	2100.28	2210.52
3	15,000	30,000	1575.21	1657.89	3150.42	3315.78
4	20,000	40,000	2100.28	2210.52	4200.56	4421.04
5	25,000	50,000	2625.35	2763.15	5250.70	5526.30
6	30,000	60,000	3150.42	3315.78	6300.84	6631.56
7	35,000	70,000	3675.49	3868.41	7350.98	7736.82
8	40,000	80,000	4200.56	4421.04	8401.12	8842.08
9	45,000	90,000	4725.63	4973.67	9451.26	9947.34
10	50,000	100,000	5250.70	5526.30	10501.40	11052.60
Total	**275,000**	**550,000**	**28,879**	**30,395**	**57,758**	**60,789**

6. Raw data for Total Project emission

$PE_y = (PE_{FF,I,y} + PE_{BDP,y} + PE_{NF,i,y} + PE_{CC,MeOH,y} + PE_{MY-NZ,MY-CH})$
Emissions from Project Emissions related to consumption of fossil fuel
Emissions from electricity consumption activity
Emissions resulting from application of nitrogen fertilizer
Emissions related to fossil carbon content of methanol input to biodiesel production in year
Emissions from ship voyage distance

Scenario 1					
Year	**Project activity emissions**				
	Fossil fuel	**Nitrogen Fertilizer**	**Methanol**	**Ship Voyage**	**Total**
1	1,255	974	169	525	694
2	2,492	1,949	338	1,050	1,388
3	3,728	2,923	506	1,575	2,081
4	4,964	3,897	675	2,100	2,775
5	6,200	4,871	844	2,625	3,469
6	7,436	5,846	1,013	3,150	4,163
7	8,672	6,820	1,181	3,675	4,857
8	9,908	7,794	1,350	4,201	5,551
9	11,145	8,769	1,519	4,726	6,244
10	12,381	9,743	1,688	5,251	6,938
Total	**68,180**	**53,586**	**9,281**	**28,879**	**38,160**

Scenario 2					
Year	**Project activity emissions**				
	Fossil fuel	**Nitrogen Fertilizer**	**Methanol**	**Ship Voyage**	**Total**
1	2,492	974	338	1,050	1,388
2	4,964	1,949	675	2,100	2,775
3	7,436	2,923	1,013	3,150	4,163
4	9,908	3,897	1,350	4,201	5,551
5	12,381	4,871	1,688	5,251	6,938
6	14,853	5,846	2,025	6,301	8,326
7	17,325	6,820	2,363	7,351	9,713
8	19,798	7,794	2,700	8,401	11,101
9	22,270	8,769	3,038	9,451	12,489
10	24,742	9,743	3,375	10,501	13,876
Total	**136,168**	**53,586**	**18,563**	**57,758**	**76,320**

7. Raw data for Emission reduction calculations

					Price CERS			
Scenario 1					15	1 NZ= 2.23 RM	1 NZ= $350	1NZ= 0.71 US
Year	**Estimated emissions by sources of GHG of the baseline**	**Project activity emissions**	**Emissions Reduction**	**NZ**	**Millions $NZ (Scenario 1)**	**Millions $RM (Scenario 1)**	**Millions $Pesos (Scenario 1)**	**Millions $US (Scenario 1)**
1	14,683	863	13,820	207,306	0.21	0.09	72.56	0.15
2	29,366	1,725	27,641	414,613	0.41	0.19	145.11	0.29
3	44,049	2,588	41,461	621,919	0.62	0.28	217.67	0.44
4	58,732	3,450	55,282	829,226	0.83	0.37	290.23	0.59
5	73,415	4,313	69,102	1,036,532	1.04	0.46	362.79	0.74
6	88,097	5,175	82,922	1,243,824	1.24	0.56	435.34	0.88
7	102,780	6,038	96,742	1,451,130	1.45	0.65	507.90	1.03
8	117,463	6,901	110,562	1,658,437	1.66	0.74	580.45	1.18
9	132,146	7,763	124,383	1,865,743	1.87	0.84	653.01	1.32
10	146,829	8,626	138,203	2,073,050	2.07	0.93	725.57	1.47
Total	**807,560**	**47,441**	**760,119**	**11,401,780**	**11.40**	**5.11**	**3,990.62**	**8.10**

Scenario 2								
Year	**Estimated emissions by sources of GHG of the baseline**	**Project activity emissions**	**Emissions Reduction**	**NZ**	**Millions $NZ (Scenario 2)**	**Millions $RM (Scenario 2)**	**Millions $Pesos (Scenario 2)**	**Millions $US (Scenario 1)**
1	29,366	1,388	27,978	419,673	0.42	0.19	146.89	0.30
2	58,732	2,775	55,956	839,346	0.84	0.38	293.77	0.60
3	88,097	4,163	83,935	1,259,019	1.26	0.56	440.66	0.89
4	117,463	5,551	111,913	1,678,691	1.68	0.75	587.54	1.19
5	146,829	6,938	139,891	2,098,364	2.10	0.94	734.43	1.49
6	176,195	8,326	167,869	2,518,037	2.52	1.13	881.31	1.79
7	205,561	9,713	195,847	2,937,710	2.94	1.32	1,028.20	2.09
8	234,927	11,101	223,826	3,357,383	3.36	1.51	1,175.08	2.38
9	264,292	12,489	251,804	3,777,056	3.78	1.69	1,321.97	2.68
10	293,658	13,876	279,782	4,196,729	4.20	1.88	1,468.85	2.98
Total	**1,615,121**	**76,320**	**1,538,800**	**23,082,007**	**23.08**	**10.35**	**8,078.70**	**16.39**

8. Raw data for Capture calculations

			henning	gropower	MAF	Congo PDD
			Option 1	Option 2	Option 3	Option 4
Year	**No hectares**	**No trees**	**CO_2 captured (Tonnes)**	**CO_2 captured (Tonnes)**	**CO_2 captured (Tonnes)**	**CO_2 captured (Tonnes)**
	1	2,000	50	6	11.76	
1	2,000	4,000,000	100,000	11,932	200	
2	4,000	8,000,000	200,000	400	400	
3	6,000	12,000,000	300,000	2,400	2,400	
4	8,000	16,000,000	400,000	8,000	8,000	
5	10,000	20,000,000	500,000	20,000	20,000	
6	12,000	24,000,000	600,000	48,000	48,000	
7	14,000	28,000,000	700,000	98,000	98,000	
8	16,000	32,000,000	800,000	320,000	320,000	
9	18,000	36,000,000	900,000	594,000	594,000	
10	20,000	40,000,000	1,000,000	1,000,000	1,000,000	
Total	110,000	220,000,000	5,500,000	2,102,738	2,091,012	1,533,285

	No hectares		
1	2,000	0.1	200
2	4,000	0.1	400
3	6,000	0.4	2,400
4	8,000	1	8,000
5	10,000	2	20,000
6	12,000	4	48,000
7	14,000	7	98,000
8	16,000	20	320,000
9	18,000	33	594,000
10	20,000	50	1,000,000
Total		11.76	2,091,000

REFERENCES

Achten, W. M. J., Verchot, L., Franken, Y. J., Mathijs, E., Singh, V. P., Aerts, R., et al. (2008). Jatropha bio-diesel production and use. *Biomass and Bioenergy, 32*(12), 1063-1084.

Amoah, O. (2006). *Jatropha: A catalyst for Economic Growth In Africa*, Retrieved 14 February 2009 from United Nations Conference on Trade and Development http://www.unctad.org/.

Asselbergs, B., Bokhorst, J., Harms, R., Hemert, J. v., Noort, L. v. d., Velden, C. t., et al. (2006). *Size does matter. The possibilities of cultivating Jatropha curcas for biofuel production in Cambodia.* : Universiteit Van Amsterdam.

Bakker, S. J. A. (2006). *CDM and biofuels: Can the CDM assist biofuel production and deployment?* : Energy Research Centre of the Netherlands.

BioFuelsRevolution (2009). Biofuels Revolution - Jatropha, Retrieved 02 February 2009 from http://www.biofuelsrevolution.com/jatropha/

Biofuelwatch, A. E., Andrew Boswell, Carbon Trade Watch/TNI , T. G., Corporate Europe Observatory, N. H., Econexus, H. P., Ecoropa, C. v. W., Grupo de Reflexión Rural, S. S., et al. (2007). *Agrofuels: Towards a reality check in nine key areas*.

Bond Patrick, Dada, R., & Erion, G. (2006). *Negative Returns on South African Investment*.

Brink, J. (2008). Indian Railways' Jatropha biodiesel gathers steam: a biofuels digest special report

Caniëls, M. C. J., & Romijn, H. A. (2008). Actor networks in Strategic Niche Management: Insights from social network theory. *Futures, 40*(7), 613-629.

CarbonCatalog (2009). Jatropha Trees for biofuel, Retrieved 03 March 2009 from <http://www.carboncatalog.org/projects/jatropha-trees-for-biofuel/>

Carbon2green Developments Ltd. (2008). Project Design Document, *Jatropha curcas Cultivation in the Democratic Republic of Congo.* BIODEC sprl (Bioenergy Development Company)

Chalasani, B. (2007). Project Design Document, *Manufacturing of Bio-diesel from Crude Palm oil and Jatropha Oil*: Natural Bio Energy Limited.

Daniel, J. N. (2008). *Jatropha Oilseed Production: A Realistic Approach*: BAIF Development Research Foundation.

DEFRA (2008). Freight Surface Transport *2008 Guidelines to Defra's GHG Conversion Factors: Methodology Paper for Transport Emission Factors.*

Dye, S. (2008, Thursday Jun 05). Air NZ goes nuts for experimental biofuel. *The New Zealand Herald*,

ENAP (2009). Tabla de precios de paridad, Retrieved 12 June 2009, from http://www.enap.cl/comercial_relations/tabla_precios_paridad.php

Errázuriz, A. (2008). MDL and Energetic cultivation projects. Current Market situation. In S. o. Jatropha (Ed.). Chile: EcoSecurities Group plc, International Seminar of Jatropha 2008.

Forestethics (2009). Chile's Native Forests. Globally Rare, Irreplaceable & Disappearing Fast, Retrieved 03 June 2009 from http://www.forestethics.org/article.php?id=12

Foundation, F. (2006). Handbook on Jatropha Curcas, Retrieved 04 September 2008 from http://www.fact-fuels.org/

Foundation, F. (2008). Knowledge Centre, Retrieved 05 September 2008 from http://www.fact-fuels.org/

Germain, R. (2008). *Project Design Document, Jatropha Biodiesel from Degraded Land in Madagascar*: Ministére de l'Environnement, des Eaux et Forets.

Gonsalves (2006). *An assessment of the biofuels industry in India*. Geneva. United Nations Conference on Trade and Development

Gropower (2007). How we calculate carbon, Retrieved 12 March 2009 from http://www.gropower.net/calculate.php

Hall, D. O., Woods, J., & House, J. (1992). Biological systems for uptake of carbon dioxide. *Energy Conversion and Management, 33*(5-8), 721-728.

Heller, J. (1996). *Physic nut. Jatropha curcas L. Promoting the conservation and use of underutilized and neglected crops.*: Institute of Plant Genetics and Crop Plant Research.

Henning, R. K. (undated). *Jatropha curcas L. in Africa. Global Facilitation Unit for Underutilized Species*.

Henning, R. K. (2003). *The Jatropha booklet. A Guide to the Jatropha System and its Dissemination in Africa*.

Houfang, L., Yingying, L., Hui, Z., Ying, Y., Mingyan, C., & Bin, L. (2008). Production of biodiesel from Jatropha curcas L. oil. *Computers and Chemical Engineering, Article in press*.

Institute, W. (2007). *Biofuels for Transport, Global Potential and Implications for sustainable energy and agriculture*. London Sterling, VA: Earthscan.

IPCC (2006a). Guidance on double-counting in CDM project activities using blended biofuel for energy use *EB 26. Meeting report* (Vol. Annex 12, page 1).

IPCC (2006b). *Guidelines for National Greenhouse Gas Inventories. Chapter 3: Mobile Combustion*.

IPCC (2006c). *Guidelines for National Greenhouse Gas Inventories. Volume 4. Chapter 11. Table 11.1*

IPCC (2007). *Executive Board Meeting Report 030*: Intergovernmental Panel on Climate Change.

Jung, M. (2003). *The Role of Forestry Sinks in the CDM- Analysing the Effects of Policy Decisions on the Carbon Market*: HWWA Discussion Paper 241. Hamburg Institute of International Economics (HWWA).

Kumar Tiwari, A., Kumar, A., & Raheman, H. (2007). Biodiesel production from jatropha oil (Jatropha curcas) with high free fatty acids: An optimized process. *Biomass and Bioenergy, 31*(8), 569-575.

Kyle, S. (2008). Keep Oil Prices High, Please. *Scientific American Special Edition Accessed: March 1, 2009, 18*(5), 23-23.

MAF (2006). *New Zealand Forest Industry Fact and Figures*.Ministry of Agriculture and Forestry

MAF (2009). *Look-up Tables for the Emissions Trading*: Ministry of Agriculture and Forestry.

ME (2007). *Environment New Zealand 2007*. Ministry of Environment

MED (2009). Biofuel Obligation Law Repealed Ministry of Economic Development, New Zealand, Retrieved 12 January 2009 from http://www.med.govt.nz/templates/ContentTopicSummary____32393.aspx

MED (2009). *Oil Price monitoring*: Ministry of Economic Development, New Zealand.

Ministry of Transport, C. E. D. C. (2008). *Encouraging the uptake of transport biofuels.*

MOT (2008). Encouraging the uptake of transport biofuels, Retrieved 09 January 2009, from http://www.transport.govt.nz/assets/PDFs/biofuels-cab-paper.pdf

Neeff, T., & Henders, S. (2007). *Guidebook to Markets and Commercialization of Forestry CDM projects*: Tropical Agricultural Research and Higher Education Center (CATIE).

Neuenschwander, A. (2003). *Priorities for Selection of A/R CDM Projects Activities in Chile*, Retrieved 06 July 2009 from <http://unfccc.int/files/meetings/archive/application/vnd.ms-powerpoint/japan_05_02.pps>.

Norini et al (2007). *Opportunities and Challengues of the Forestry Clean Development Mechanism (CDM) for the timber industry in Malaysia*. Paper presented at the International Seminar on Clean Development Mechanism (CDM).

NZCCO (2005). New Zealand's Greenhouse Gas Inventory 1990-2003 New Zealand Climate Change Office, Retrieved 04 January 2009 from www.climatechange.govt.nz/resources/reports/nir-apr05/html/page2.html

OECD (2007). *Environmental Performance Reviews, New Zealand*: Organization for Economic Co-operation and Development.

Pahl, G., & Watson, B. (2008). *Biodiesel Growing a New Energy Economy*: White River Junction, Vt. : Chelsea Green Pub. Co.

Pavitt, B., & Bester, G. (2007). Jatropha Carbon Credits & Government Subsidies, Retrieved 04 January 2009 from http://www.jatropha.org.nz

Petronas (2009). Crude Oil Term Prices, Retrieved 24 October 2010 from http://www.petronas.com/our_business/oil/marketing_trading/crude_oil/2009.aspx

Planning Commission Government of India (2003). Report of the Committee on Development of BioFuel, 16 April.

PNOC-AFC (2007). Jatropha: The most viable biodiesel feedstock, Retrieved 04 March 2009 from http://www.pnoc-afc.com.ph/newsroom_view.php?news_id=27

Portworld (2009). Ship voyage Distance Calculator, Retrieved 03 March 09 from

www.portworld.com

PROCHILE (2007). Climate Change, Retrieved 03 June 2009 from http://www.chileinfo.com/carbon/index.php?s=environmentclimate

PTM, NRE, & KTAK (2005). Clean Development Mechanism Malaysia, How CDM works, Retrieved 04 November 2008 from http://cdm.eib.org.my/index.php

Reynauld, B. (2009). *Developing rural agriculture activity through biodiesel production. A business case*. Paper presented at the Workshop on Planning and Management of Rural-based Agroprocessing Enterprises.

Rhodes and Novis (2002). *The impact of incentives on the development of plantation forest resources in New Zealand*, MAF Information Paper No 45m MAF, Wellington

Trotter et al (2004). *A multi-scale Analysis of a National Terrestrial Carbon Budget and the Effects of Land-use Change*. Global Environmental Change in the Ocean and on Land, Terra Scientific Publishing, Tokyo.

UK (2009). Chile and Climate Change, Retrieved 01 June 2009 from http://ukinchile.fco.gov.uk/en

UNFCC (1998). *Kyoto Protocol*. United Nations Framework Convention on Climate and Change

UNFCC (2002). *COP7. Report of the Conference of the parties on its 7th Session*. Marrakesh: United Nations Framework Convention on Climate Change.

UNFCC (2006). Decision 16/CMP.1 Land use, land-use change and forestry *Report of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol on its first session, held at Montreal from 28 November to 10 December 2005* (Vol. , pp. 3-10).

UNFCC (2007). *Executive Board 35, Annex 18, Procedures to demonstrate the eligibility of lands for afforestation and reforestation CDM project activities*

(Version 01): United Nation Framework Convention on Climate Change.

UNFCC (2007). *Methodology SSC-NM009. Substitution of fossil fuel in combustion engines through biofuel from degraded lan*d,

UNFCC (2008). *Executive Board 39, Annex 10 Methodological Tool "Tool for the demonstration and assessment of additionality" (Version 05.2),* Retrieved 12 March 2009 from.http://www.unfccc.net.

UNFCC (2008). Glossary of CDM terms (Version 04). Retrieved 06 January 2009, from http://cdm.unfccc.int/Reference/Guidclarif/glos_CDM_v04.pdf

UNFCC (2009). Report of the Conference of the Parties 16/CMP.1

USDA (2009) United States Department of Agriculture. Foreign Agricultural Services. Malaysia Biofuels Annual Report 2009.

Van Eijck, J., & Romijn, H. (2008). Prospects for Jatropha biofuels in Tanzania: An analysis with Strategic Niche Management. *Energy Policy, 36*(1), 311-325.

Wood Philip (2005). Out of Africa: Could Jatropha vegetable oil be Europe's biodiesel feedstock?. *Refocus, 6(4), 40-44.*