Cocoa Drink (12 oz)

Analysis using FoodCarbonScope™

- Ingredients:
    - Milk (2%): 12oz
    - Cocoa powder: 10.8 g
    - Sugar: 16 g
- Electricity: 0.084 kWh
- Cup: wax-coated paperboard
- Lid: HDPE

Cocoa Drink Life Cycle Model

Cocoa Bean Production Inventory

Cradle-to-Farmgate LCA Results: [Analyze]

To delete or duplicate an item, check a box and click 'Edit':   ☐ Delete   ☐ Duplicate

	Item	Qty	Units	EE	EW	EC	TC
Edit	Water:Water, agricultural, pumped	0.0000	L	0.00	0.00	0.00	0.00
Edit	Energy:Gasoline, combusted in equipment	117.5786	L	4469.53	0.00	300.37	0.00
Edit	Energy:Diesel, combusted in industrial equipment	652.8310	L	27804.38	0.00	2107.09	0.00
Edit	Energy:Electricity	909.1127	kWh	10965.37	0.00	804.63	0.00
Edit	Water:Water, agricultural, USA	52910.1523	L	53.41	52910.15	3.78	0.00
Edit	Pesticides:Insecticide - active ingredient	8.2553	kg	4025.55	0.00	247.65	1.29
Edit	Pesticides:Fungicide - active ingredient, other than sulfur	76.5677	kg	29658.87	0.00	1968.61	12.00
Edit	Pesticides:Pesticide formulation - wettable powder	380.4239	kg	4087.14	0.00	293.24	59.60
Edit	Fertilizers:Phosphorous - synthetic	331.2225	kg	2245.81	0.00	155.47	51.89
Edit	Fertilizers:Potassium - synthetic	271.0002	kg	3046.03	0.00	209.23	42.46
Edit	Soil Emissions:N2O from nitrogen/urea	0.0000		0.00	0.00	0.00	0.00
Edit	Soil Emissions:CO2 from urea/lime	0.0000		0.00	0.00	0.00	0.00
Edit	Soil Emissions:N2O from crop residue/biological nitrogen fixation	0.0000		0.00	0.00	0.00	0.00
Edit	Carbon Sequestration:Biomass carbon incorporated in perennial crop	0.0000		0.00	0.00	-262.43	0.00
Edit	Manure Emissions:N2O from manure management	0.0000		0.00	0.00	0.00	0.00
Edit	Manure Emissions:CH4 from manure management	0.0000		0.00	0.00	0.00	0.00
Edit	Enteric Emissions:CH4 from enteric fermentation	0.0000		0.00	0.00	0.00	0.00
Edit	**TOTAL**:	0.0000		86356.09	52910.15	5827.63	167.25

Legend: EE = Embodied Energy (total), MJ; EW = Embodied Water (total), L; EC = Embodied Carbon (total), Kg CO2e; TC = Carbon from Transport, Kg CO2e.
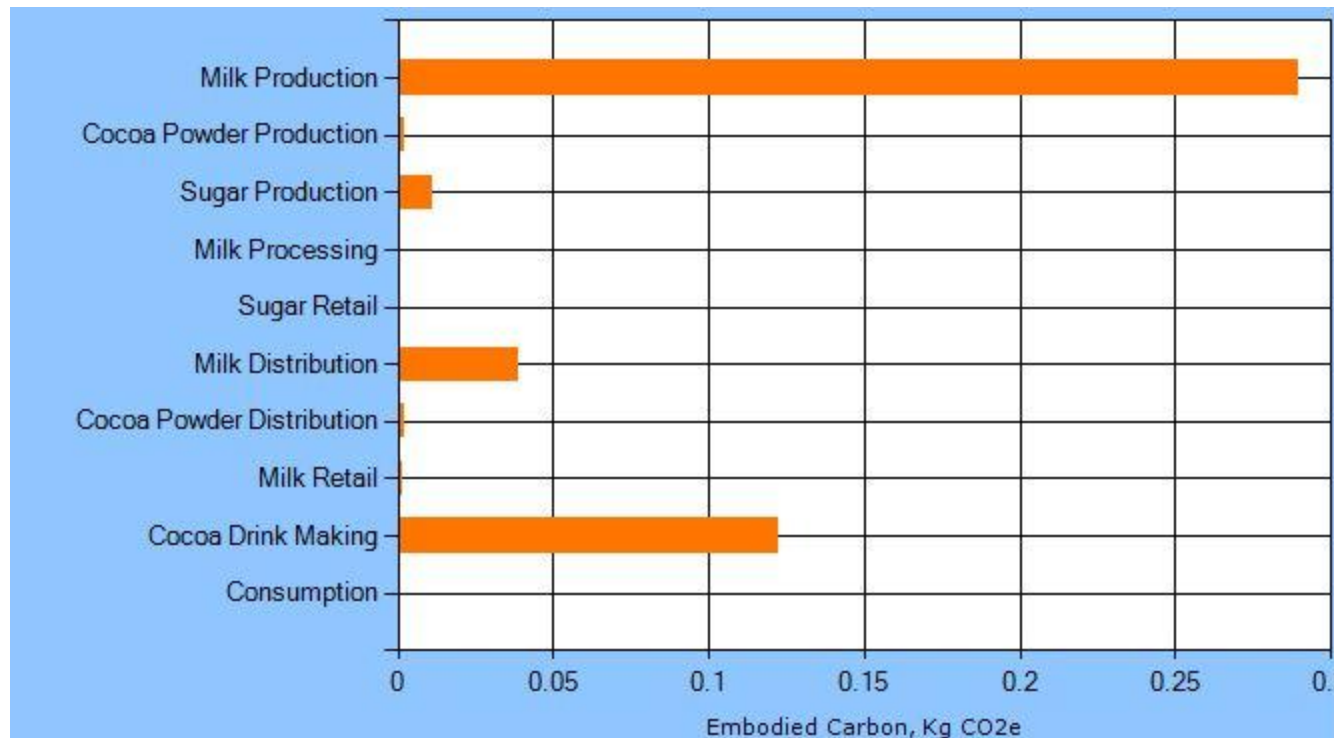
Normalized Summary Results:

Embodied Energy = 8.37   MJ/kg

Embodied Water = 5.13   L/kg

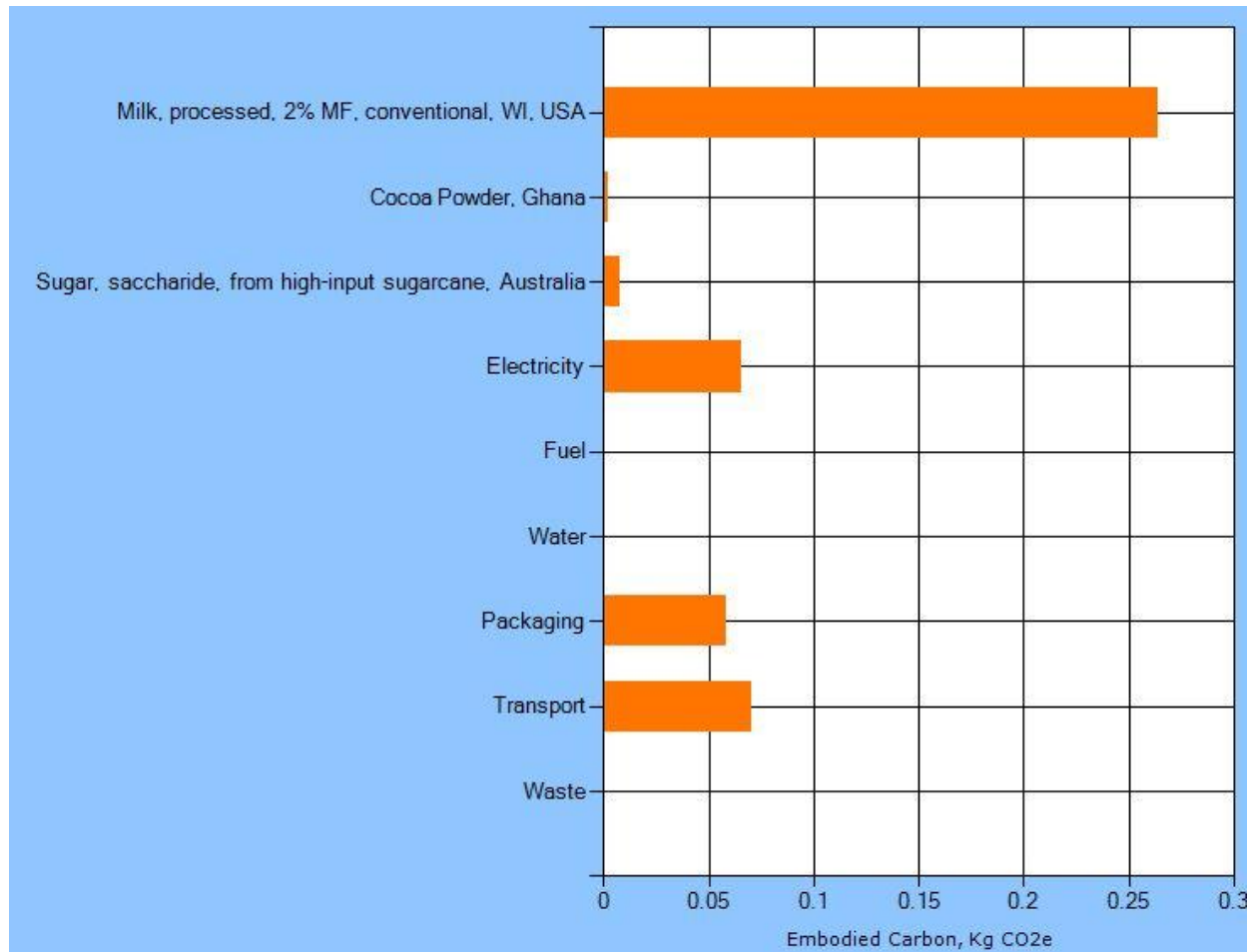Embodied Carbon = 0.56   Kg CO2e/kg

Cocoa Drink LCA Results
(by life cycle stage)

showing carbon/GHG only in this example

Cocoa Drink Results
(by process)

Cocoa Drink Results
(emissions inventory)