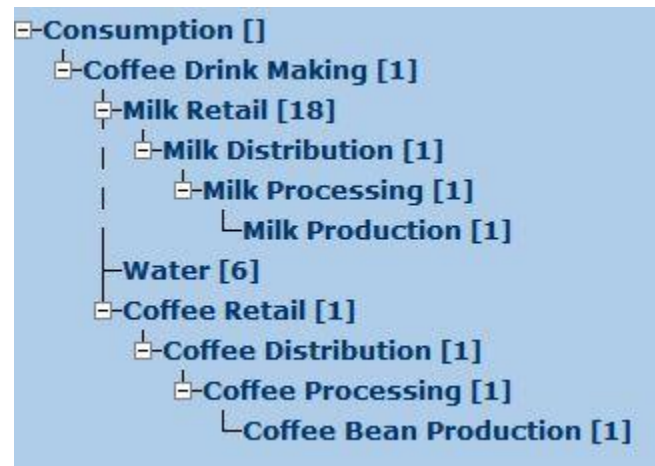


Coffee Drink: Latte (12 oz)

Analysis using FoodCarbonScope™

- Ingredients:
 - Milk (2%): 9 oz
 - Coffee powder: 15 g
 - Water: 3 oz
- Waste (coffee grind): 12 g
- Electricity: 0.084 kWh
- Cup: wax-coated paperboard
- Lid: HDPE

Coffee Drink Life Cycle Model



Coffee 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:Diesel, combusted in industrial equipment	77.5665	L	3303.59	0.00	250.35	0.00
Edit Energy:Liquefied petroleum gas, combusted in industrial boiler	10.3157	L	274.22	0.00	20.71	0.00
Edit Energy:Electricity	133.0995	kWh	629.20	0.00	15.44	0.00
Edit Water:Water, agricultural, USA	20312.0000	L	20.51	20312.00	1.45	0.00
Edit Pesticides:Insecticide - active ingredient	0.9725	kg	474.21	0.00	29.17	0.15
Edit Pesticides:Herbicide - active ingredient	0.8094	kg	476.72	0.00	29.00	0.13
Edit Pesticides:Fungicide - active ingredient, other than sulfur	1.2141	kg	470.28	0.00	31.21	0.19
Edit Pesticides:Pesticide formulation - wettable powder	5.9919	kg	64.37	0.00	4.62	0.94
Edit Fertilizers:Nitrogen - synthetic, other than CN/CAN and Urea	91.4242	kg	2932.38	0.00	150.88	43.41
Edit Fertilizers:Phosphorous - synthetic	54.8545	kg	371.93	0.00	25.75	8.59
Edit Fertilizers:Potassium - synthetic	54.8545	kg	616.56	0.00	42.35	8.59
Edit Micronutrients:Zinc	0.8903	kg	65.94	0.00	3.58	0.14
Edit Micronutrients:Manganese	0.8903	kg	48.13	0.00	3.26	0.14
Edit Micronutrients:Copper	0.8903	kg	64.15	0.00	3.55	0.14
Edit Micronutrients:Boron	0.8903	kg	1.83	0.00	0.14	0.14
Edit Micronutrients:Iron	0.8903	kg	24.09	0.00	1.84	0.14
Edit Soil Amendments:Lime	188.1829	kg	402.00	0.00	30.55	29.48
Edit Energy:Wood waste, unspecified, combusted in industrial boiler	263.0514	kg	4133.91	0.00	15.35	14.33
Edit Water:Wastewater, pumping and treatment, USA	20312.0000	L	69.45	0.00	4.91	0.00
Edit Soil Emissions:N2O from nitrogen/urea	0.0000		0.00	0.00	567.27	0.00
Edit Soil Emissions:CO2 from urea/lime	0.0000		0.00	0.00	82.80	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	-101.28	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		14443.48	20312.00	1212.91	106.51

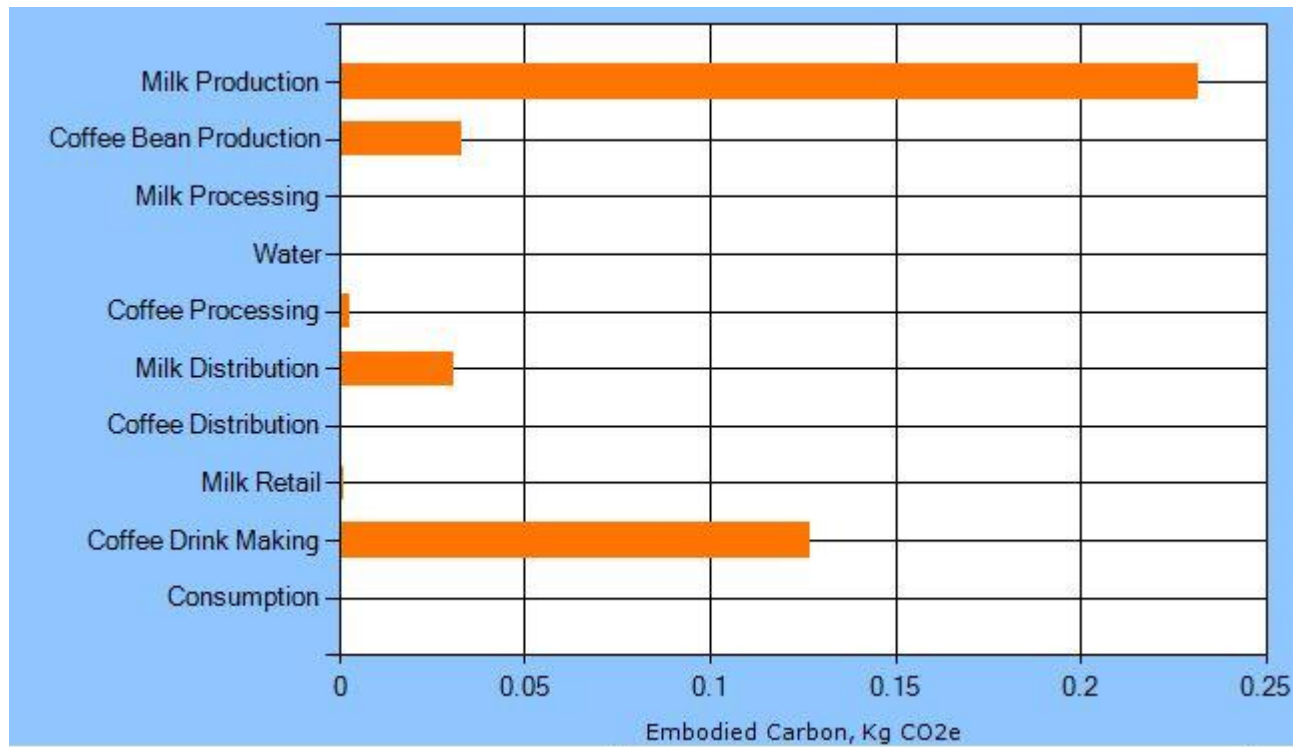
Legend: EE = Embodied Energy (total), MJ; EW = Embodied Water (total), L; EC = Embodied Carbon (total), Kg CO2e; TC = Carbon from Transport, Kg CO2e.

Normalized Summary Results:

Embodied Energy = 19.83 MJ/kg
 Embodied Water = 27.88 L/kg
 Embodied Carbon = 1.67 Kg CO2e/kg

Coffee Drink LCA Results

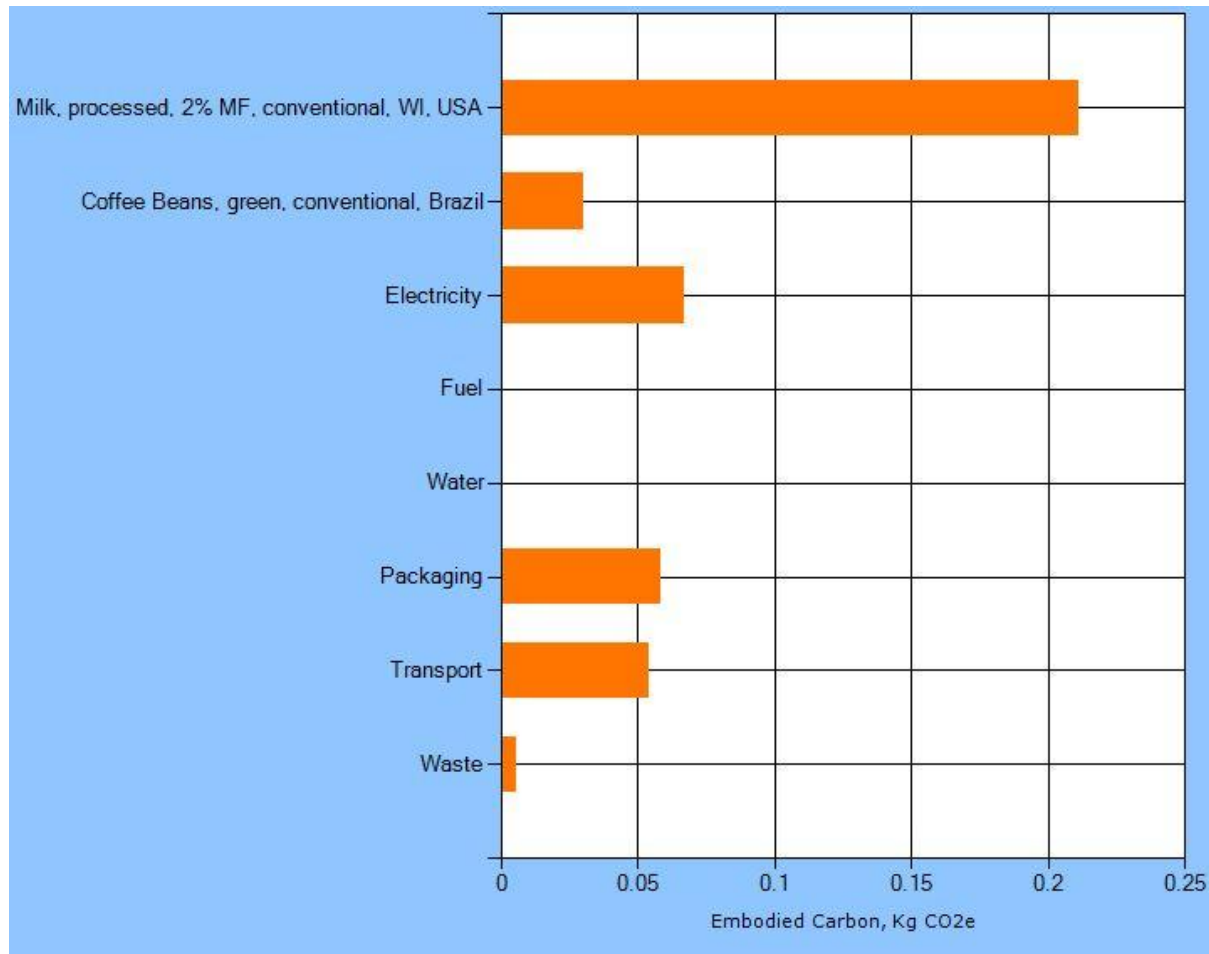
(by life cycle stage)



showing carbon/GHG only in this example

Coffee Drink LCA Results

(by process)



Coffee Drink LCA Results

(emissions inventory)

