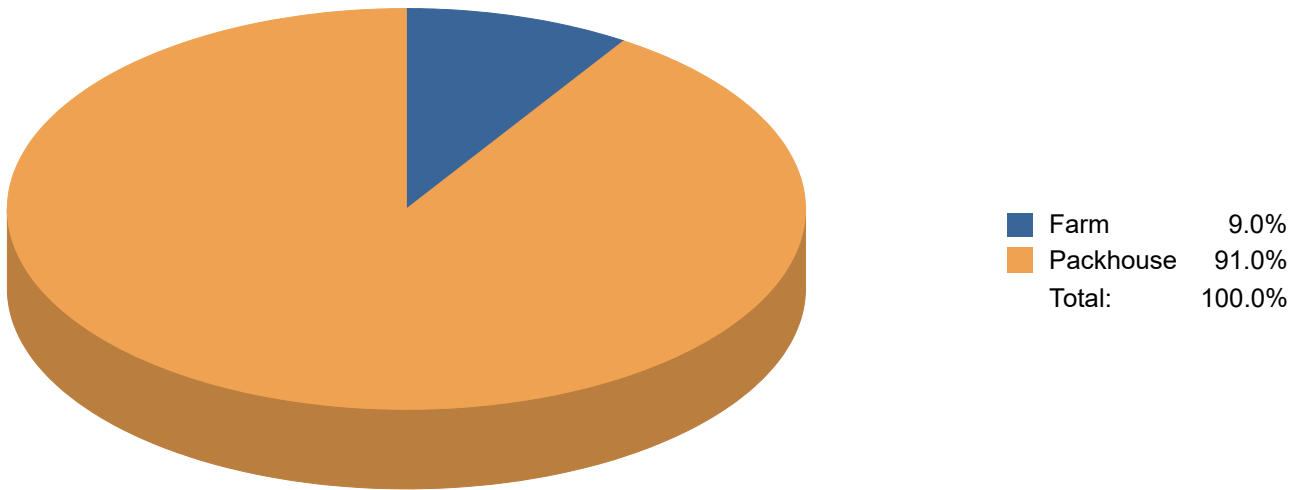


Carbon Calculator Results

Business Name: Hadeco Little Falls
Creation Date: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023
Report Grade: B1 - This dataset has been checked by CCC and is part of the benchmark.

Business Unit - Boundary View

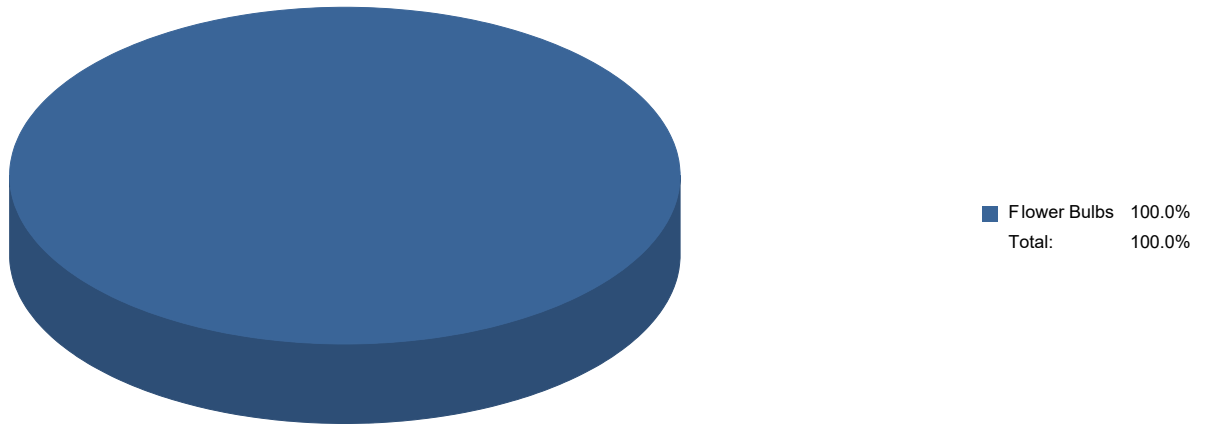


Boundary	Ton CO2e	%
Farm	254.57	9.04
Packhouse	2,562.07	90.96
Total	2,816.64	100.00

The Carbon Calculator must be completed on an annual basis. This allows users to monitor their carbon footprint trend and analyse improvements.

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

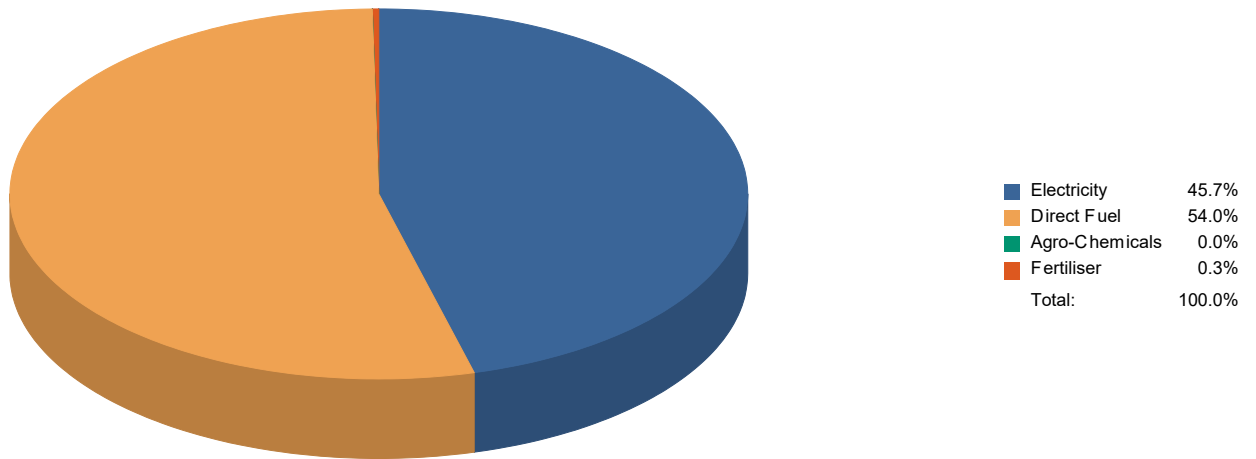
Business Unit - Commodity View



Commodity	Ton CO2e	%
Flower Bulbs	2,816.64	100.00
Total	2,816.64	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Farm - Emission Source View



Emission Source	Ton CO2e	%
Electricity	116.46	45.75
Direct Fuel	137.36	53.96
Agro-Chemicals	0.06	0.03
Fertiliser	0.68	0.27
Total	254.57	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Farm Commodity Benchmark

Commodity	Kg CO2e per Kg Fruit	Benchmark
Flower Bulbs	173.62	N/A

Farm Hectare Breakdown

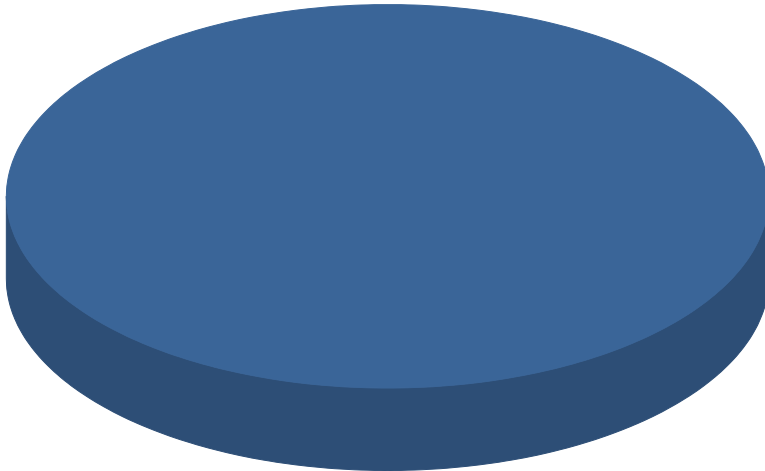
Commodity	Ton CO2e per Bearing Ha
Flower Bulbs	508.91

Farm Scope Breakdown

	Ton CO2e	%
Scope 1	137.36	53.96
Scope 2	116.46	45.75
Scope 3	0.74	0.29
Total	254.57	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Farm - Commodity View

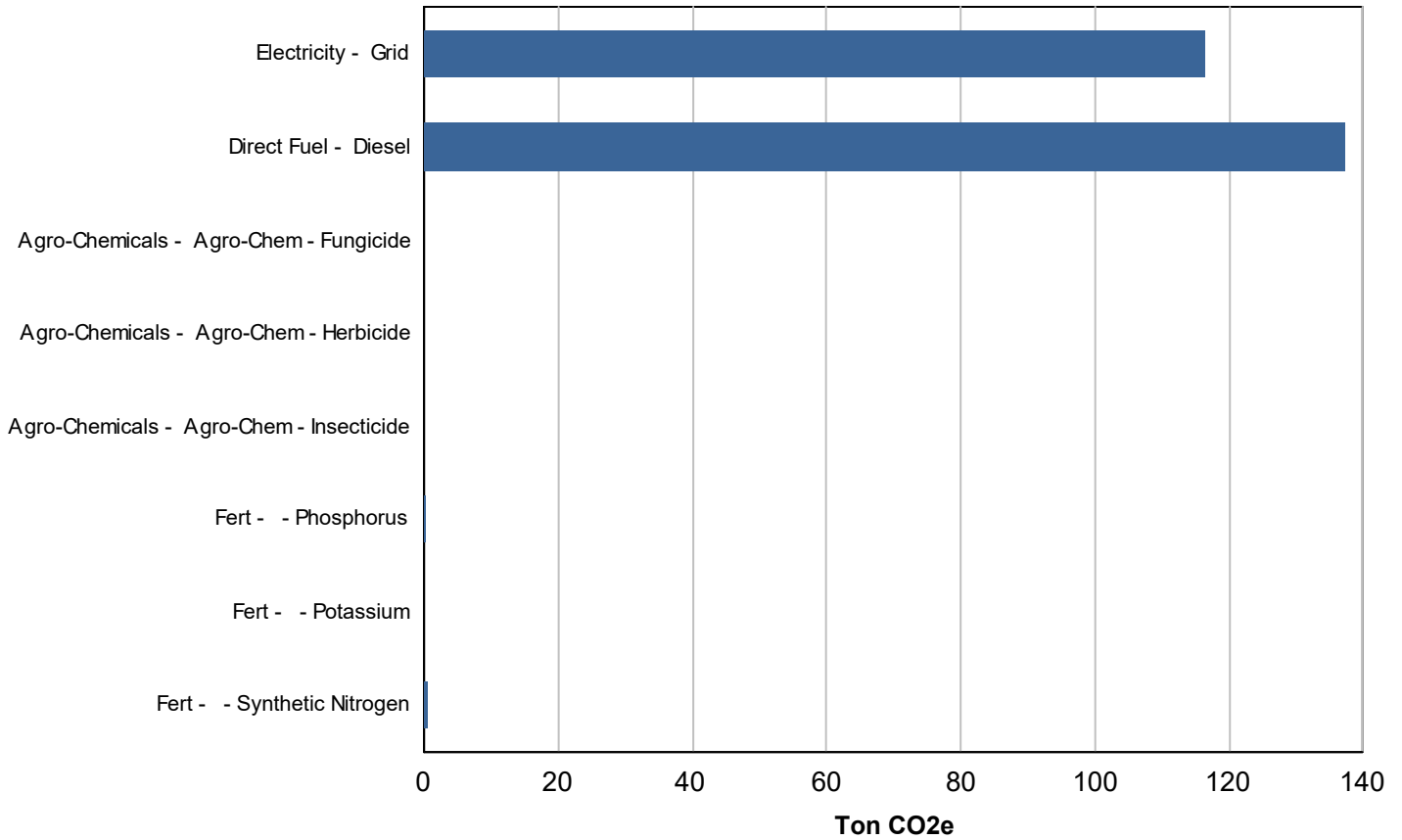


■ Flower Bulbs 100.0%
Total: 100.0%

Commodity	Ton CO2e	%
Flower Bulbs	254.57	100.00
Total	254.57	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

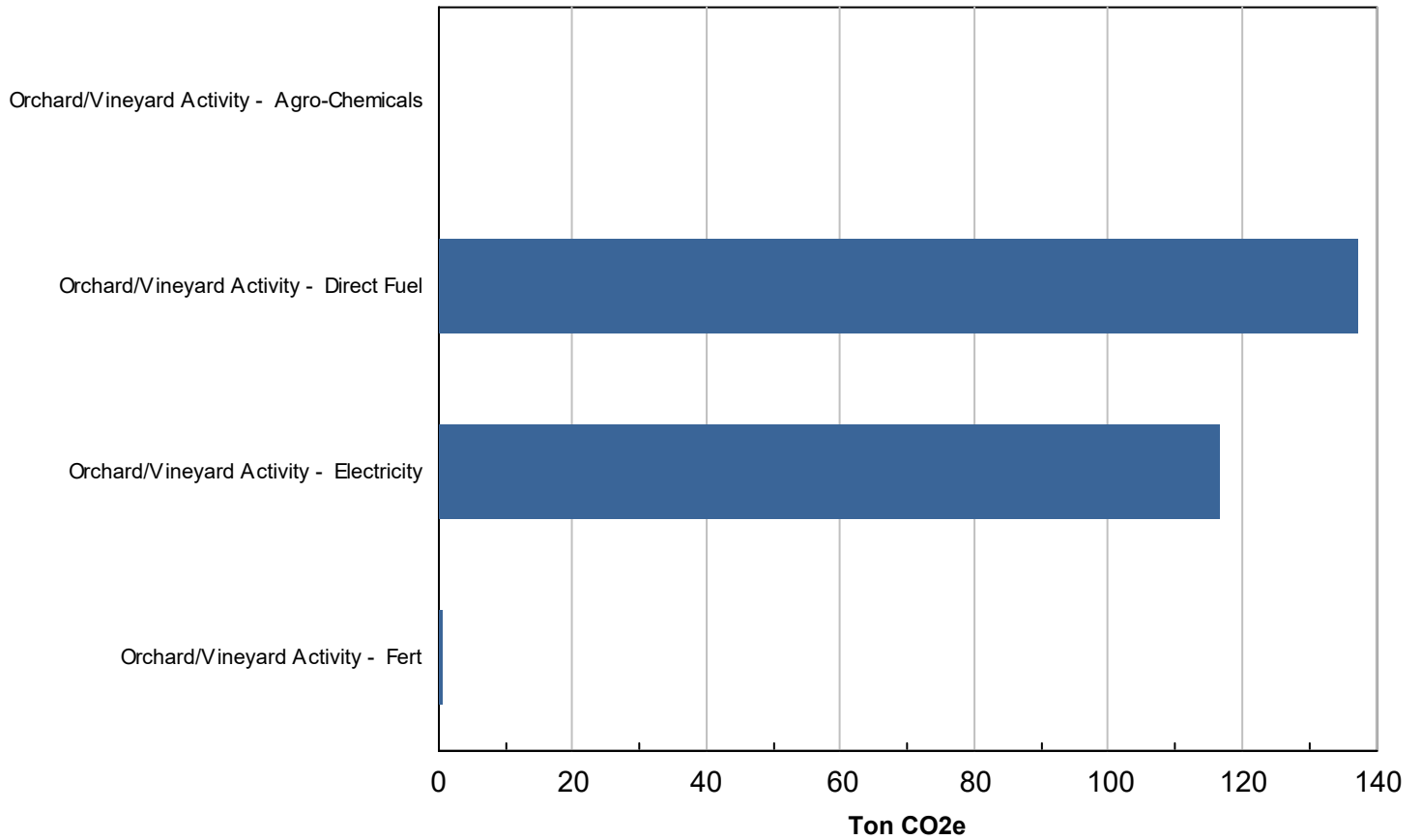
Farm - Emission Source Breakdown



Emission Source	Ton CO2e	%
Electricity - Grid	116.46	45.75
Direct Fuel - Diesel	137.36	53.96
Agro-Chemicals - Agro-Chem - Fungicide	0.00	0.00
Agro-Chemicals - Agro-Chem - Herbicide	0.05	0.02
Agro-Chemicals - Agro-Chem - Insecticide	0.01	0.00
Fert - - Phosphorus	0.18	0.07
Fert - - Potassium	0.03	0.01
Fert - - Synthetic Nitrogen	0.47	0.18
Total	254.57	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Farm - Activity Breakdown



Activity Breakdown	Ton CO2e	%
Orchard/Vineyard Activity - Agro-Chemicals	0.06	0.03
Orchard/Vineyard Activity - Direct Fuel	137.36	53.96
Orchard/Vineyard Activity - Electricity	116.46	45.75
Orchard/Vineyard Activity - Fert	0.68	0.27
Total	254.57	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Detailed Carbon Emissions Breakdown

Detailed Activities	Ton CO2e	%
Electricity - Grid - Orchard/Vineyard Activity - BO	116.46	45.75
Direct Fuel - Diesel - Orchard/Vineyard Activity - BO	137.36	53.96
Fert - - Synthetic Nitrogen - Orchard/Vineyard Activity - BO	0.47	0.18
Fert - - Phosphorus - Orchard/Vineyard Activity - BO	0.18	0.07
Fert - - Potassium - Orchard/Vineyard Activity - BO	0.03	0.01
Agro-Chemicals - Agro-Chem - Fungicide - Orchard/Vineyard Activity - BO	0.00	0.00
Agro-Chemicals - Agro-Chem - Insecticide - Orchard/Vineyard Activity - BO	0.01	0.00
Agro-Chemicals - Agro-Chem - Herbicide - Orchard/Vineyard Activity - BO	0.05	0.02
Agro-Chemicals - Agro-Chem - Herbicide - Orchard/Vineyard Activity - NBO	0.00	0.00
Total	254.57	100.00

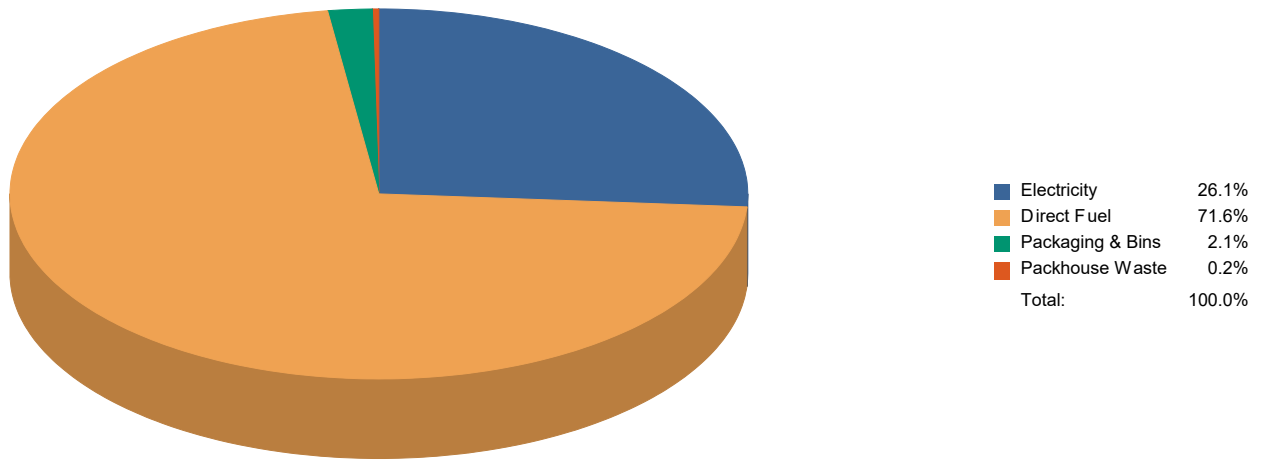
Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Farm Consumption Benchmarks

Commodity	Consumption Measure	Result	Benchmark
Flower Bulbs	kL Water per Ton Fruit	5,096.33	N/A
Flower Bulbs	kL Water per Bearing Ha	214,046.00	N/A
Flower Bulbs	kWh Orchard / Vineyard Electricity per Ton Fruit	5,963.35	N/A
Flower Bulbs	kWh Orchard / Vineyard Electricity per Bearing Ha	250,460.70	N/A
Flower Bulbs	Liters Orchard / Vineyard Diesel per Ton Fruit	1,973.76	N/A
Flower Bulbs	Liters Orchard / Vineyard Diesel per Bearing Ha	82,898.00	N/A
Flower Bulbs	Kg Pure N per Ton Fruit	1.85	N/A
Flower Bulbs	Kg Pure N per Bearing Ha	77.82	N/A

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Packhouse - Emission Source View



Emission Source	Ton CO2e	%
Electricity	667.71	26.06
Direct Fuel	1,835.25	71.63
Packaging & Bins	54.55	2.13
Packhouse Waste	4.56	0.18
Total	2,562.07	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Packhouse Commodity Benchmark

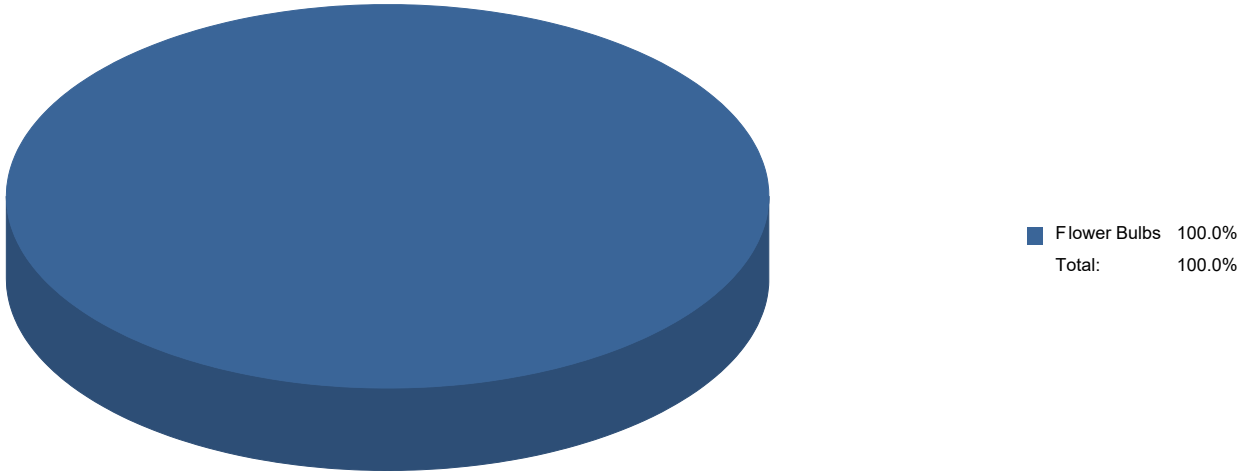
Commodity	Kg CO2e per Kg Fruit	Benchmark
Flower Bulbs	122.27	N/A

Packhouse Scope Breakdown

	Ton CO2e	%
Scope 1	1,843.00	71.93
Scope 2	659.96	25.76
Scope 3	59.11	2.31
Total	2,562.07	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

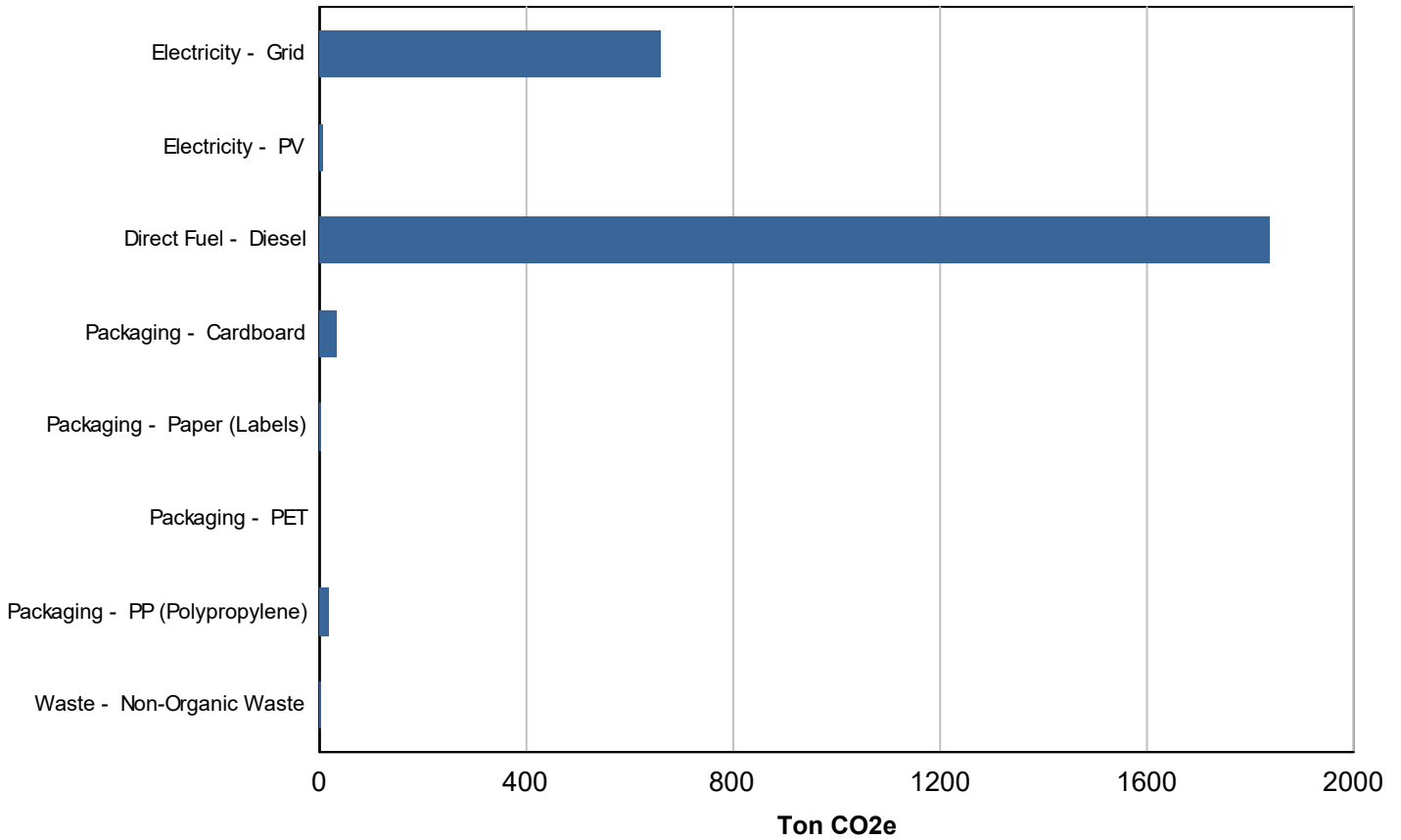
Packhouse - Commodity View



Commodity	Ton CO2e	%
Flower Bulbs	2,562.07	100.00
Total	2,562.07	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

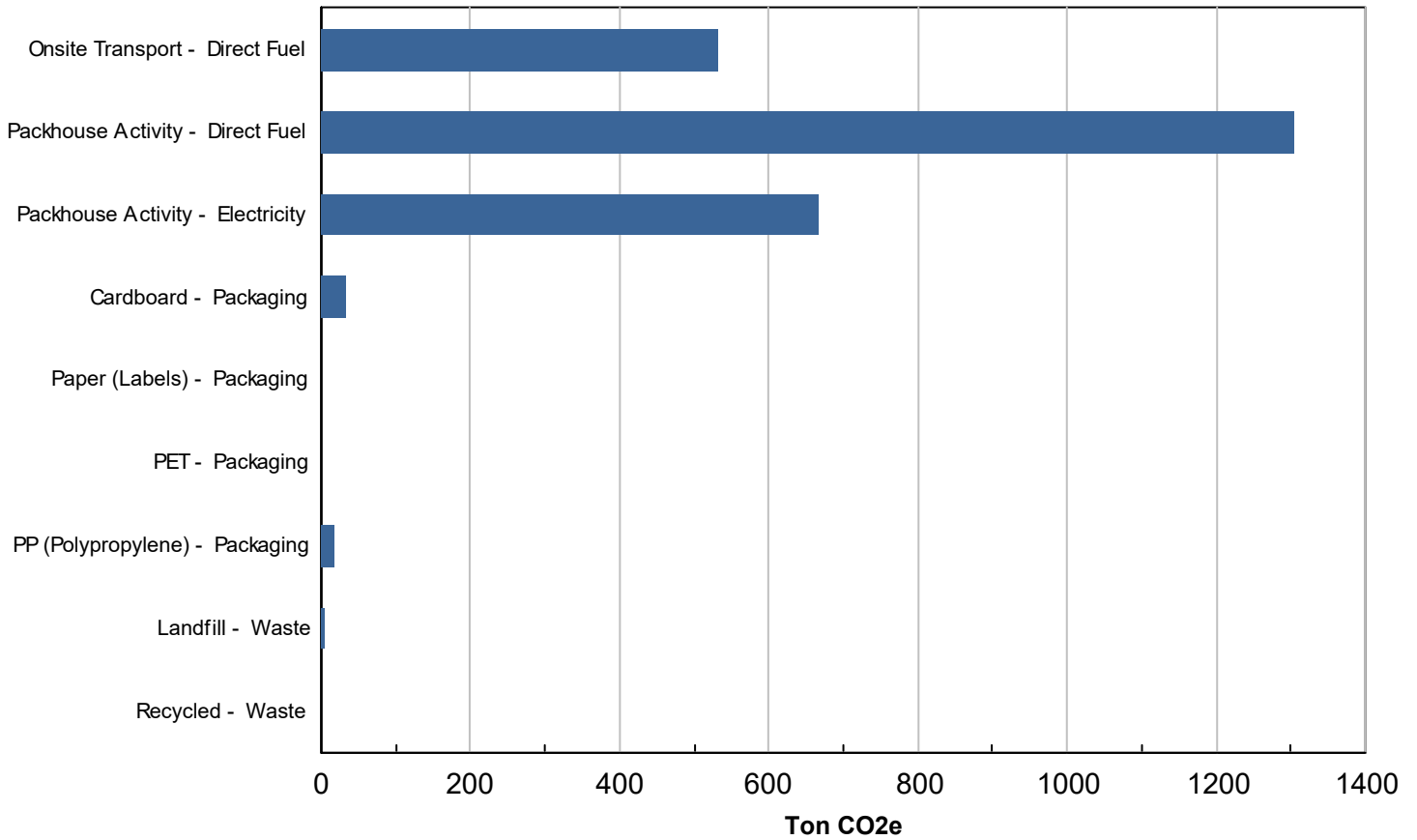
Packhouse - Emission Source Breakdown



Emission Source	Ton CO2e	%
Electricity - Grid	659.96	25.76
Electricity - PV	7.75	0.30
Direct Fuel - Diesel	1,835.25	71.63
Packaging - Cardboard	33.74	1.32
Packaging - Paper (Labels)	1.58	0.06
Packaging - PET	0.73	0.03
Packaging - PP (Polypropylene)	18.49	0.72
Waste - Non-Organic Waste	4.56	0.18
Total	2,562.07	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Packhouse - Activity Breakdown



Activity Breakdown	Ton CO2e	%
Onsite Transport - Direct Fuel	531.85	20.76
Packhouse Activity - Direct Fuel	1,303.40	50.87
Packhouse Activity - Electricity	667.71	26.06
Cardboard - Packaging	33.74	1.32
Paper (Labels) - Packaging	1.58	0.06
PET - Packaging	0.73	0.03
PP (Polypropylene) - Packaging	18.49	0.72
Landfill - Waste	4.32	0.17
Recycled - Waste	0.24	0.01
Total	2,562.07	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Detailed Carbon Emissions Breakdown

Detailed Activities	Ton CO2e	%
Electricity - Grid - Packhouse Activity	659.96	25.76
Electricity - PV - Packhouse Activity	7.75	0.30
Direct Fuel - Diesel - Packhouse Activity	1,303.40	50.87
Direct Fuel - Diesel - Onsite Transport	531.85	20.76
Packaging - Cardboard - Cardboard	33.74	1.32
Packaging - Paper (Labels) - Paper (Labels)	1.58	0.06
Packaging - PP (Polypropylene) - PP (Polypropylene)	18.49	0.72
Packaging - PET - PET	0.73	0.03
Waste - Non-Organic Waste - Recycled	0.24	0.01
Waste - Non-Organic Waste - Landfill	4.32	0.17
Total	2,562.07	100.00

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023

Packhouse Consumption Benchmarks

Flower Bulbs	Liters Water per Ton Fruit	50,504,761.90	N/A
Flower Bulbs	kWh Packhouse Activity Electricity per Ton Fruit	36,251.70	N/A

Business Name: Hadeco Little Falls
Dataset: 2023/03/29 08:54:55
Data Collection Period: Mar 2022 to Feb 2023