ANNEX

VALMONT® SUSTAINABILITY METRICS

valmont

Conserving Resources. Improving Life.®

Valmont® Industries is committed to conserving resources and improving the lives of our shareholders, employees, communities and customers. That is why we are continuously working to increase the transparency and quality of our data. This annex provides a snapshot of Valmont global energy and resource usage for the 2018-2021 period. This data include both enterprise wide, as well as Valmont business units, which are referred to as segments. While Valmont has gained assurance on the basis for its 2018 carbon footprint the raw data presented in this annex are unaudited. The Valmont internal audit team has conducted an assurance review of the data in this report and we will seek third party assurance every five years.

Valmont uses the data that we gather to develop goals and programs to increase our energy efficiency and reduce the carbon intensity of our operations. Our approach to improving sustainability performance is guided by our Environmental and Sustainability Playbook which serves as our environmental policy. The information in our Sustainability Report serves as the basis of our reporting to various leading reporting frameworks, including CDP, Dow Jones and GRI.

Enterprise Wide Energy Usage

Since 2018, Valmont® has capital investments of $6M USD focusing on energy conservation, alternative energy and electric vehicles. These projects and best management practices have conserved:

16.13M kWh IN ELECTRICITY | 354K LITERS IN FUEL

Data Type	Non-Normalized Usage 2018	Normalized Usage 2018
Electricity	187.1M kWh	67,863.6 kWh/$M Revenue
Water	705.94M liters/106.5M gal	256,053.28 liters/$M Revenue
Fuel Oil No 2 Diesel	4.58M liters/1.21M gal	1,661.23 liters/$M Revenue
Lig Petroleum Gas	5.47M liters/1.4M gal	1984.04 liters/$M Revenue
Motor Gasoline	365.98K liters/97K gal	132.75 liters/$M Revenue
Fuel Oil No 6	1.3K liters/343 gal	0.47 liters/$M Revenue
Natural Gas	1.98M mmBtu	718.17 mmBtu/$M Revenue
Wood 13% Moisture	6K mmBtu	2.18 mmBtu/$M Revenue
Non-Hazardous Waste to Landfill	15.5K MT	5.62 MT/$M Revenue
Hazardous Waste To Landfill	14.2K MT	5.15 MT/$M Revenue

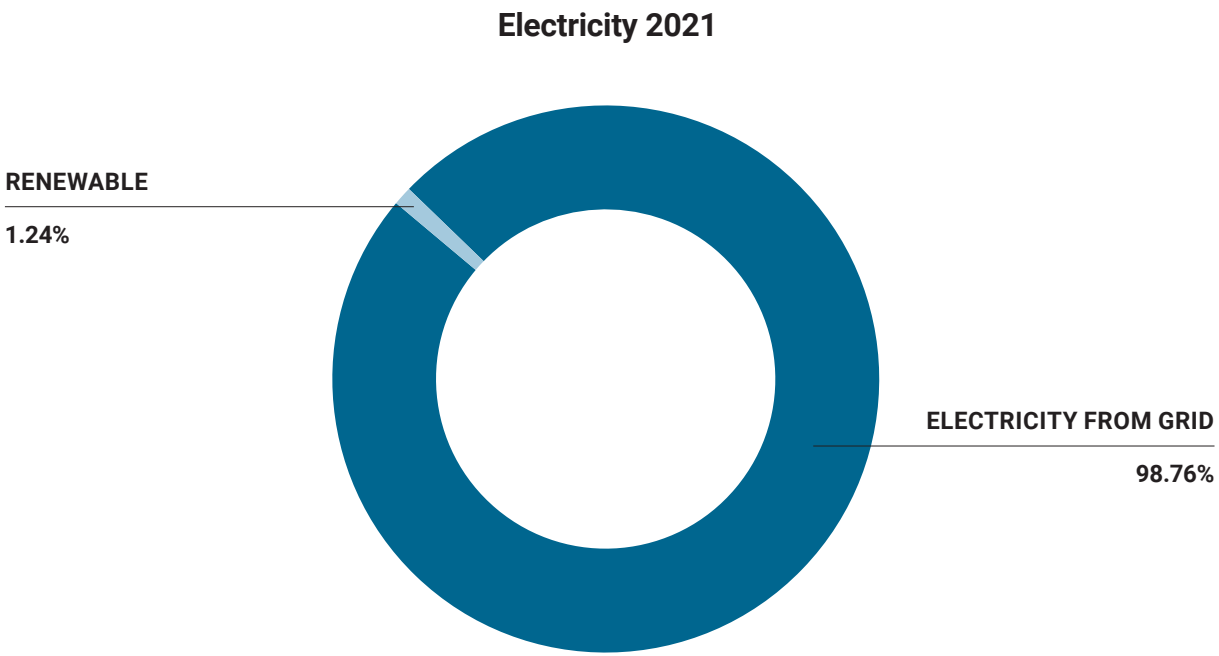
Data Type	Non-Normalized Usage 2019	Normalized Usage 2019
Electricity	172.4M kWh	62,305.75 kWh/$M Revenue
Water	712.73M liters/188.28M gal	257,581.6 liters/$M Revenue
Fuel Oil No 2 Diesel	4.49M liters/1.2M gal	1,621.08 liters/$M Revenue
Lig Petroleum Gas	5.2M liters/1.4M gal	1,879.29 liters/$M Revenue
Motor Gasoline	302.7K liters/80K gal	106.18 liters/$M Revenue
Fuel Oil No 6	0	0
Natural Gas	2.01M mmBtu	726.42mmBtu/$M Revenue
Wood 13% Moisture	6K mmBtu	2.17mmBtu/$M Revenue
Non-Hazardous Waste to Landfill	15.7K MT	5.67 MT/$M Revenue
Hazardous Waste to Landfill	14.7K MT	5.31 MT/$M Revenue

Data Type	Non-Normalized Usage 2020	Normalized Usage 2020
Electricity	168.7M kWh	58,286.95 kWh/$M Revenue
Water	647M liters/170.92M gal	223,488.77 liters/$M Revenue
Fuel Oil No 2 Diesel	4.8M liters/1.27M gal	1658.03 liters/$M Revenue
Lig Petroleum Gas	4.4M liters/1.16M gal	1519.86 liters/$M Revenue
Motor Gasoline	248.7K liters/65.7K gal	85.91 liters/$M Revenue
Fuel Oil No 6	0	0
Natural Gas	1.92M mmBtu	663.25 mmBtu/$M Revenue
Wood 13% Moisture	6K mmBtu	2.07mmBtu/$M Revenue
Non-Hazardous Waste to Landfill	16.4K MT	5.66 MT/$M Revenue
Hazardous Waste to Landfill	17.5K MT	6.04 MT/$M Revenue

Enterprise Wide Energy Usage (CONT.)

Data Type	Non-Normalized Usage 2021	Normalized Usage 2021
Electricity	170.97M kWh	48826.95 kWh/$M Revenue
Water	709.2M liters/187.3M gal	202,457 liters/$M Revenue
Fuel Oil No 2 Diesel	4.8M liters/1.28M gal	1,381.2 liters/$M Revenue
Lig Petroleum Gas	5.07M liters/1.33M gal	1,449 liters/$M Revenue
Motor Gasoline	191.7K liters/50.6K gal	54.74 liters/$M Revenue
Fuel Oil No 6	0	0
Natural Gas	1.99M mmBtu	568.40 mmBtu/$M Revenue
Wood 13% Moisture	6.5K mmBtu	1.87 mmBtu/$M Revenue
Non-Hazardous Waste to Landfill	13.5K MT	3.85MT/$M Revenue
Hazardous Waste to Landfill	16.2K MT	4.63 MT/$M Revenue
Resource Recycling	392.1K MT	111.98 MT/$M Revenue

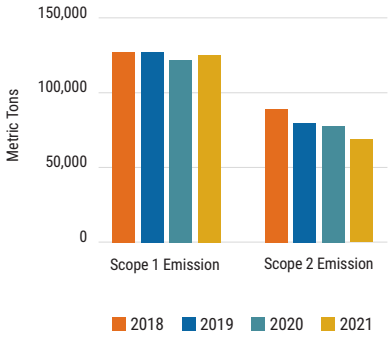
Valmont® consumes ~ 2.1M kWh of renewable energy with ~ 169M kWh coming from the grid. As of 2021, the Valmont sources of renewable energy include an onsite solar installation at our Siedlce, Poland, facility; Valley, NE facility; Acacia Ridge, AUS facility; and electricity purchased from wind turbines in support of our Maarheeze, Netherlands site.



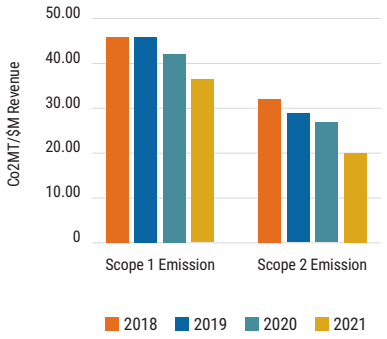
Enterprise Wide Scope 1 and Scope 2 Emissions

Valmont® does not include other GHG emissions, such as NO_2 and CH_4, as those emissions equate to less than 1% of Valmont GHG emissions, we consider these immaterial. In an effort to reduce our GHG emissions, Valmont is primarily focusing on our carbon intensity goal.

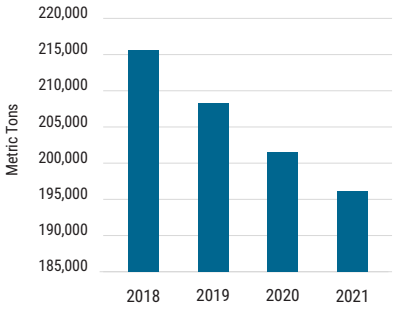
Non-Normalized CO_2e Emissions



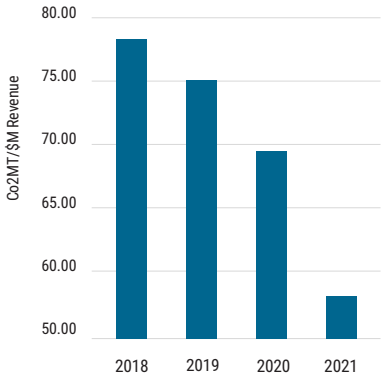
Normalized CO_2e Emissions



Non-Normalized Scope 1 and Scope 2 CO_2e Emissions



Normalized Scope 1 and Scope 2 CO_2e Emissions



Non Normalized	2018 Year	2019 Year	2020 Year	2021 Year
Scope 1 Emission	127,187*	127,622	122,912	127,491
Scope 2 Emission	88,212*	80,673	79,015	69,560
TOTAL	**215,399**	**208,295**	**201,927**	**197,051**

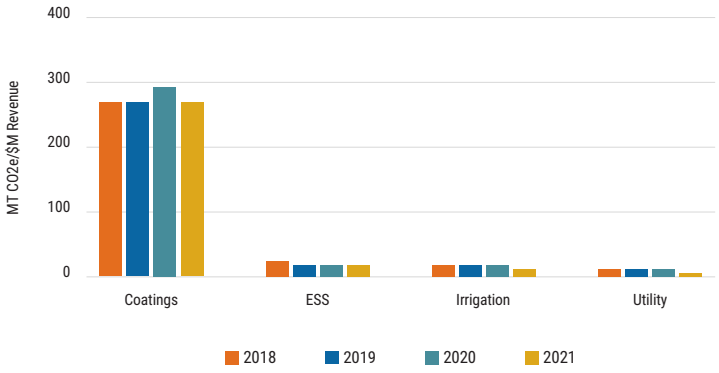
Normalized	2018 Year	2019 Year	2020 Year	2021 Year
Scope 1 Emission	46.13	46.12	42.46	36.4
Scope 2 Emission	32.00	29.16	27.29	19.87
TOTAL	**78.13**	**75.28**	**69.75**	**56.28**

*We have received third party assurance and have updated our 2018 carbon emissions to reflect this.

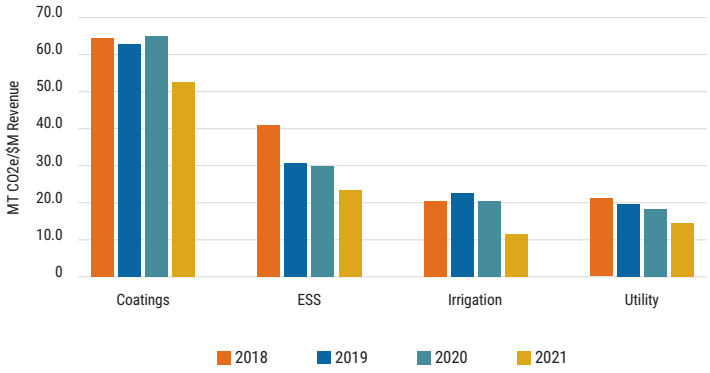
Segment Breakdown Scope 1 and Scope 2 Emissions

*Valmont business units are referred to as segments

Normalized Scope 1 Emissions by Segment

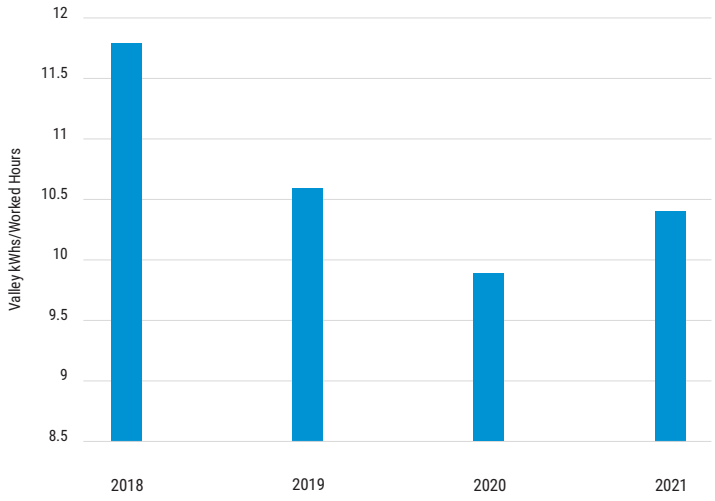


Normalized Scope 2 Emissions by Segment



The electricity usage for the Valmont® flagship facility in Valley, NE, is presented on the right and normalized against hours worked.

Valley® Electricity Normalized by Hours Worked



Segment Breakdown

COATINGS				
Energy Type	**Usage 2018**	**Usage 2019**	**Usage 2020**	**Usage 2021**
Electricity from Grid	36.2M kWh	38.5M kWh	35.5M kWh	34.96M kWh
Electricity from Renewable	0 kWh	0 kWh	0 kWh	0 kWh
Water	310.4M liters/ 82M gal	309.7M liters/ 81.8M gal	265M liters/ 70M gal	251.1M liters/ 66.3M gal
Fuel Oil No 2 Diesel	2.4 M liters/ 626K gal	2.4 M liters/ 625K gal	2.27M liters/ 599.7K gal	2.31M liters/ 609.5K gal
Liq Petroleum Gas	1.16M liters/ 306.4K gal	973.1K liters/ 257.1K gal	768.6K liters/ 203K gal	877.1K liters/ 231.7K gal
Motor Gasoline	56.5K liters/ 14.9K gal	59.6K liters/ 15.8K gal	40.2K liters/ 10.6K gal	41K liters/ 10.8K gal
Natural Gas	1.16M mmBtu	1.24M mmBtu	1.2M mmBtu	1.25M mmBtu
Wood 13% Moisture	0 mmBtu	0 mmBtu	0 mmBtu	0 mmBtu
Non-Hazardous Waste	5.43K MT	5.4K MT	5.83K MT	4.8K MT
Hazardous Waste	11.2K MT	11.4K MT	14.7K MT	13.4K MT

ESS				
Energy Type	**Usage 2018**	**Usage 2019**	**Usage 2020**	**Usage 2021**
Electricity from Grid	58.8M kWh	47.0M kWh	43.41M kWh	42.2M kWh
Electricity from Renewable	0 kWh	0 kWh	1.99M kWh	651.5K kWh
Water	156.9M liters/ 41.45M gal	156.1M liters/ 41.24M gal	118.2M liters/ 31.23M gal	144.8M liters/ 38.3M gal
Fuel Oil No 2 Diesel	519.3K liters/ 137.2K gal	485.7K liters/ 128.3K gal	491.9K liters/ 129.96K gal	490.4K liters/ 129.5K gal
Liq Petroleum Gas	2.7M liters/ 713.3k gal	2.4M liters/ 626.5K gal	2.04M liters/ 538.9K gal	2.4M liters/ 625.7K gal
Motor Gasoline	118.7K liters/ 31.36K gal	55.8K liters/ 14.7K gal	31.2K liters/ 8.24K gal	36.8K liters/ 9.7K gal
Natural Gas	255.6K mmBtu	201.5K mmBtu	178.9K mmBtu	234.6K mmBtu
Wood 13% Moisture	6K mmBtu-- only Parikkala	6K mmBtu-- only Parikkala	6K mmBtu-- only Parikkala	6.5K mmBtu-- only Parikkala
Non-Hazardous Waste	5.8K MT	6.3K MT	6.4K MT	4K MT
Hazardous Waste	2.3K MT	2K MT	1.7K MT	1.2K MT

Irrigation				
Energy Type	**Usage 2018**	**Usage 2019**	**Usage 2020**	**Usage 2021**
Electricity from Grid	11.2M kWh	10.82M kWh	11.1M kWh	13.48M kWh
Electricity from Renewable	0 kWh	0 kWh	0 kWh	0 kWh
Water	150.64M liters/ 39.8M gal	123.9M liters/ 32.7M gal	154.4M liters/ 40.8M gal	196.9M liters/ 52.01M gal
Fuel Oil No 2 Diesel	478.8K liters/ 126.5K gal	570.9K liters/ 150.8K gal	866.4K liters/ 228.9K gal	950.4K liters/ 251.1K gal
Liq Petroleum Gas	422.5K liters/ 111.6K gal	403.3K liters/ 106.5K gal	560.06K liters/ 147.95K gal	629K liters/ 166.1K gal
Motor Gasoline	118.7K liters/ 31.4K gal	129.8K liters/ 34.3K gal	127.8K liters/ 33.8K gal	76.2K liters/ 20.1K gal
Natural Gas	157.8K mmBtu	158.4K mmBtu	141.5K mmBtu	138.8K mmBtu
Wood 13% Moisture	0 mmBtu	0 mmBtu	0 mmBtu	0 mmBtu
Non-Hazardous Waste	1.3K MT	1.2K MT	1.5K MT	1.7K MT
Hazardous Waste	379 MT	613.81 MT	841.34 MT	1.3K MT

Segment Breakdown (CONT.)

Utility				
Energy Type	**Usage 2018**	**Usage 2019**	**Usage 2020**	**Usage 2021**
Electricity from Grid	47.5M kWh	44.3M kWh	46.1M kWh	45.13M kWh
Electricity from Renewable	0 kWh	0 kWh	0 kWh	0 kWh
Water	87.55M liters/ 23.13M gal	122.7M liters/ 32.41M gal	109.41M liters/ 28.9M gal	116.4M liters/ 30.7M gal
Fuel Oil No 2 Diesel	991.8K liters/ 262K gal	1.06M liters/ 280K gal	1.2M liters/ 317K gal	1.1M liters/ 288.7K gal
Liq Petroleum Gas	1.2M liters/ 317K gal	1.5M liters/ 388.3K gal	1.04M liters/ 274.7K gal	1.2M liters/ 316.7K gal
Motor Gasoline	66.5K liters/ 17.6K gal	57.4K liters/ 15.2K gal	49.5K liters/ 13.1K gal	37.6K liters/ 9.9K gal
Natural Gas	129.7K mmBtu	130.9K mmBtu	122.4K mmBtu	119.47K mmBtu
Wood 13% Moisture	0 mmBtu	0 mmBtu	0 mmBtu	0 mmBtu
Non-Hazardous Waste	3.0K MT	2.7K MT	2.7K MT	2.9K MT
Hazardous Waste	252.96 MT	243.18 MT	219.27 MT	213.36 MT

Valley < NE Facility>				
Energy Type	**Usage 2018**	**Usage 2019**	**Usage 2020**	**Usage 2021**
Electricity	33.3M kWh	31.9M kWh	30.7M kWh	33.05M kWh
Electricity from Renewable	0 kWh	0 kWh	0 kWh	1.5M kWh
Natural Gas	273.8K mmBtu	273.6K mmBtu	269.8K mmBtu	248K mmBtu

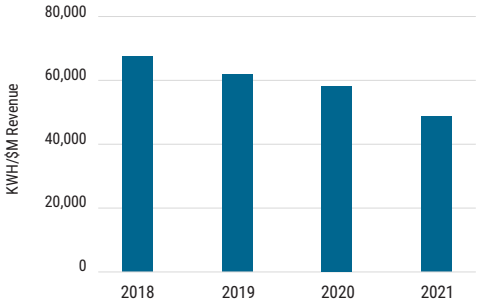
*waste and fuel numbers included in divisions

Valmont® Global Electricity Goal Progress

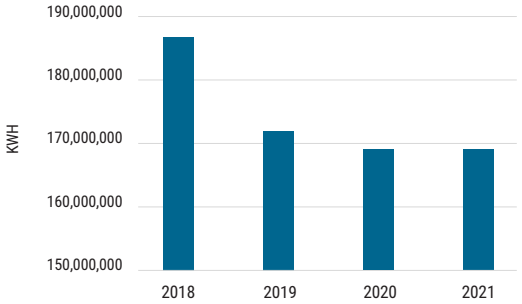
From 2018 to the close of 2021, Valmont has reduced normalized electrical usage by 28%, 20% over the goal.

This has saved 19K kWh/$million revenue which yielded a cost savings of $2.01 million USD.

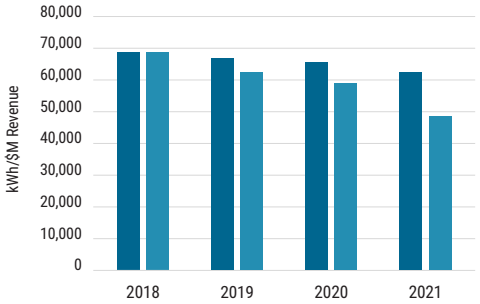
Normalized Global Electricity



Non-Normalized Global Electricity



Global 8% Electricity Goal Progress



Project 90/90

One of the leading contributors to these savings is the LED lighting project launched in 2018. Currently 50% of our sites are at the 90% installation mark, for a total of nearly 14,000 LED fixtures.

0% LED Lighting Installed	1-49% LED Lighting Installed	50-89% LED Lighting Installed	90-99% LED Lighting Installed	100% LED Lighting Installed
Barstow, CA, USA	Barrie, ON, CAN	Franklin Park, IL, USA	Brantford, ON, CAN	Bellville, TX, USA
Delta, BC, CAN	Bartow, FL, USA	McCook, NE, USA	Brenham, TX, USA	Columbus, NE, USA
Mendota Height, MN, USA	Folsom, NJ, USA	Newberry, SC, USA	Claxton, GA, USA	Claremore, OK, USA
Salem, OR, USA	Houston, TX, USA	Oklahoma Galvanizing, USA	Farmington, MN, USA	El Dorado, KS, USA
Prestons, AUS	Long Beach, CA, USA	Steele, AL, USA	Midland, PA, USA	Elkhart, IN, USA
	Petersburg, VA, USA	Valley Coatings, NE, USA	Mississauga, ON, CAN	Estill, NC, USA
	Tampa, FL, USA	Valley Irrigation, NE, USA	Plymouth, IN, USA	General Escobedo, MX
	West Columbia, SC, USA	Valley Structures, NE, USA	Tualatin, OR, USA	Fort Meade, FL, USA
	Warsaw, IN, USA	Walpar, AL, USA	Valley Tubing, NE, USA	Jasper, TN, USA
	Auckland (IGC), NZ	Acacia Ridge QLD (Ingal EPS), AUS	Cabuyao, PH	Lindon, UT, USA
	Charmeil Auvergne, FR	Campbellfield VIC, AUS	Cikarang, IDN	Los Angeles, CA, USA
	Christchurch (IGC), NZ	Carole Park QLD (IG), AUS	Huron, SD, USA	Miami, FL, USA
	Haiyang SD (Irrigation), CN	Girraween NSW, AUS	Indapur Taluka MH (Poles), IND	Monterrey, MX
	Heshan GD, CN	Kiiu, EST	Kangasniemi-KNG1, FIN	Salina, KS, USA
	Nigel GP, SA	Maddington, AUS	Hexham NSW, AUS	Sioux City, IA, USA
	Rive de Gier Rhone-Alps, FR	Nilai (IGCP), MYA	Trece Martires City CV (IGCP), PH	Steele, AL, USA
	Shah Alam SGR (Webforge), MYA	Parikkala, FIN	Uberaba, BRA	Tucson, AR, USA
	Songjiang SHG (Factory), CN	Pinkenba QLD (IG), AUS	Wuxi JX, CH	Tulsa, OK, USA
	Subang Jaya Malaysia, MYA	Prospect Vale TAS, AUS		Tuscaloosa, AL, USA
		Thornaby North Yorkshire, UK		Waverly, NE, USA
		Jebel Ali Dubai (FZE), IND		West Point, NE, USA
		Valmont SM A/S, DNK		Dandenong, AUS
				Halol GJ, IND
				Maarheeze, NL
				Minto NSW (ICP), AUS
				Palmerston North, NZ
				Siedlce Mazovian, POL
				Pluak Daen Dist, THA

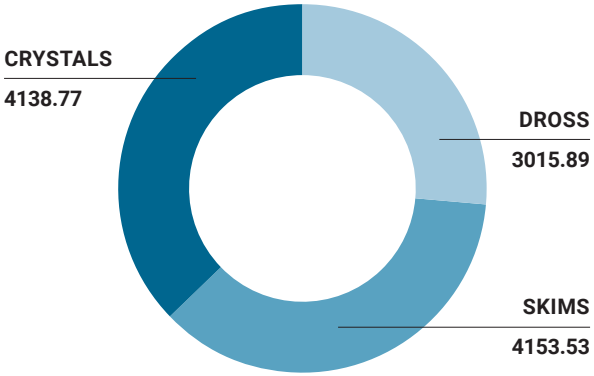
Recycling

Production Zinc Compounds

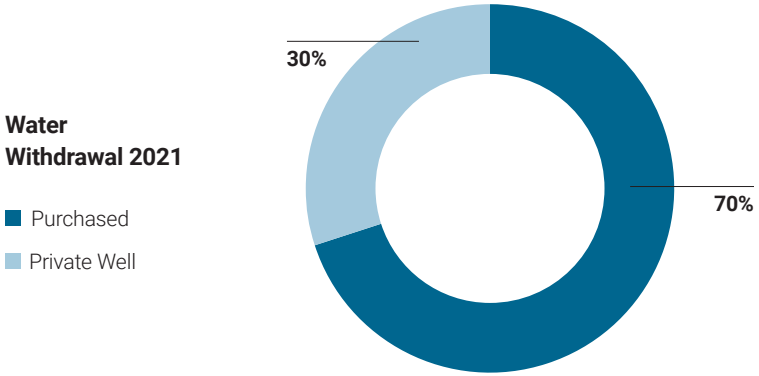
The galvanizing process generates recyclable products: zine oxide skims are periodically removed from the surface of the galvanizing bath; zinc iron alloy dross is removed from the bottom of the galvanizing bath and ferrous sulfate crystals are precipated from the sulfuric pickle solution.

Global Industrial Zinc Compound Recycling 2021

MT

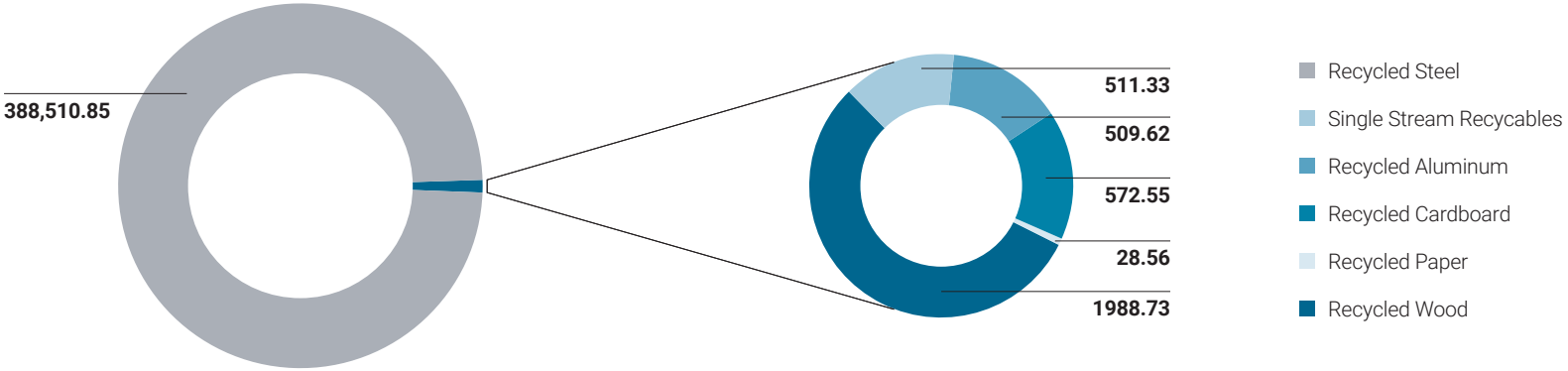


Water Withdrawal 2021



Recycled Materials 2021

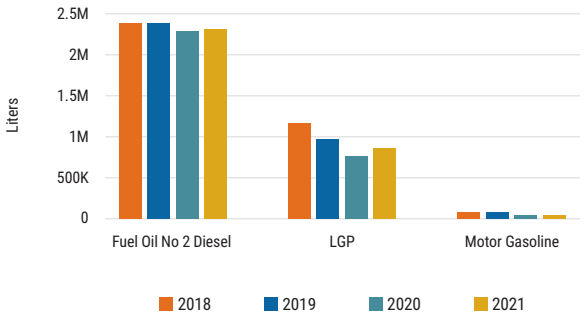
MT



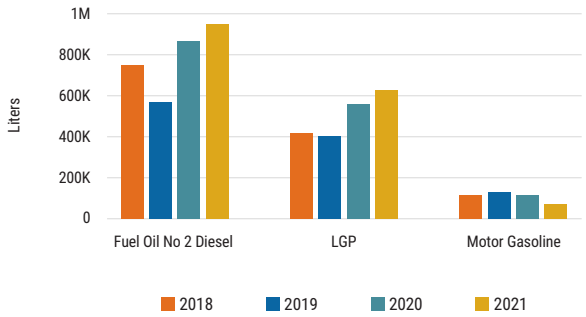
Combustion Fuel

The Valmont® combusion fuel goal: mobile source carbon emissions will reduce Scope 1 emissions generated by our company's fleet and improve our fleet fuel economy. Our goal is to lower emissions by 19% from base year 2018, to 6.28 CO_2MT/$M revenue by the close of 2025. This goal willl be achieved by introducing new fleet standards, expanding our EV charging infrastructure and moving towards alternative fuels.

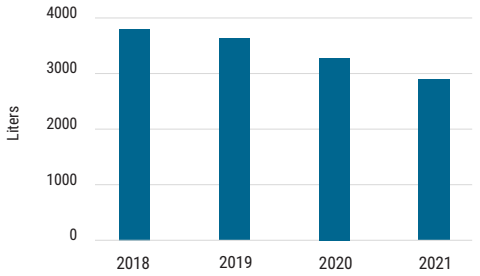
Coatings Fuel Consumption



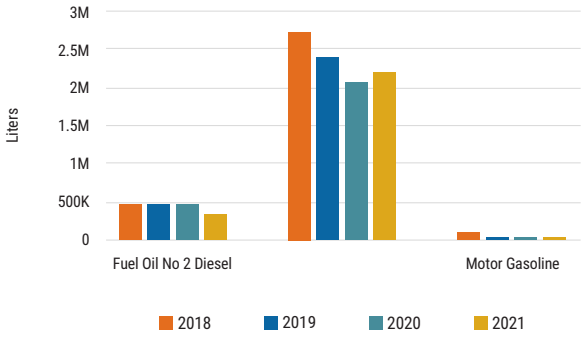
Irrigation Fuel Consumption



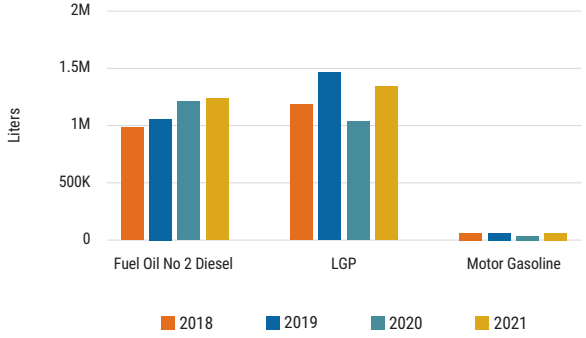
Mobile Source Combustion Fuel Normalized



ESS Fuel Consumption



Utilities Fuel Consumption



Mobile Source Combustion Fuel Non-Normalized