

## 2022 Environmental Data Summary and Greenhouse Gas Emissions Report

August 15, 2023

Kimball Electronics reports against the following corporate-wide goals for all sites under our “operational control” as defined in our organizational boundary approach. Our 2022 reporting period covers January 1, 2022 to December 31, 2022.

### Environmental Goals

#### Climate Change (Greenhouse Gas Emissions, Air Emissions, Energy Use) Goals

Category	Target	Goal	Units	Target Year	Base Year
GHG emissions	• Scope 1 emissions	< 10%	MT CO2e	2025	2019
	• Scope 2 emissions	< 10%	MT CO2e	2025	2019
	• Scope 1 + 2 emissions	< 10%	MT CO2e	2025	2019
	• Scope 1 + 2 emissions intensity (\$)	Relative reduction	MT CO2e/\$100	2022	2021
	• Net Zero Scope 1 + 2 emissions	< 100%	MT CO2e	2050	2019
Air emissions	• VOC emissions	< 10%	MT	2025	2019
Energy usage	• Energy usage	< 15%	MWh	2025	2019
	• 100% Renewable energy usage	100%	MWh	2025	2019
	• Non-renewable energy usage	Absolute reduction	MWh	2022	2021
	• Energy usage from the grid	Absolute reduction	MWh	2022	2019
	• Renewable energy usage	Absolute increase	MWh	2022	2021
	• Total energy conserved	> 0	MWh	2022	2021
	• Energy usage intensity (hour)	Relative reduction	MWh/Hr	2022	2019
	• Energy usage intensity (\$)	Relative reduction	MWh/\$100	2022	2019

#### Water Security Goals

Category	Target	Goal	Units	Target Year	Base Year
Water usage	• Water withdrawals	< 20%	ML	2025	2019
	• Water discharges	< 20%	ML	2025	2019
	• Water withdrawal efficiency	Relative increase	ML/\$100	2025	2019
	• Water recycling	Absolute increase	ML	2022	2021

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### Waste Management Goals

Category	Target	Goal	Units	Target Year	Base Year
Waste generation	• Non-hazardous waste generation	Absolute reduction	MT	2022	2019
	• Hazardous waste generation	Absolute reduction	MT	2022	2019
	• Waste generation intensity (\$)	Relative reduction	MT/\$100	2022	2019
Non-hazardous waste management	• External recycling	Absolute increase	MT	2022	2019
	• External recycling (%)	Relative increase	% of total	2022	2019
	• Disposed	Absolute reduction	MT	2022	2019
	○ Landfilled	Absolute reduction	MT	2022	2019
	○ Incinerated	Absolute reduction	MT	2022	2019
	○ with energy recovery	Absolute reduction	MT	2022	2019
○ without energy recovery	Absolute reduction	MT	2022	2019	
Hazardous waste management	• Disposal	Absolute reduction	MT	2022	2019

### Environmental Goal Data

#### Climate Change (Greenhouse Gas Emissions, Air Emissions, Energy Use)

Category	Target	Units	Base Yr % Change	2022	Base Year	2021	2020
GHG emissions	• Scope 1 emissions	MT CO <sub>2</sub> e	< 3.4%	<b>1,194.94</b>	<b>1,236.75</b>	1,101.85	1,122.68
	• Scope 2 emissions	MT CO <sub>2</sub> e	< 15.4%	<b>42,993.32</b>	<b>50,813.77</b>	41,342.59	48,667.46
	• Scope 1 + 2 emissions	MT CO <sub>2</sub> e	< 15.2%	<b>44,118.26</b>	<b>52,050.52</b>	42,444.44	49,790.14
	• Scope 1 + 2 emissions intensity (\$)	MT CO <sub>2</sub> e/\$100	< 19.1%	<b>0.00288</b>	<b>0.00356</b>	0.00356	0.00471
	• Net Zero Scope 1 + 2 emissions	MT CO <sub>2</sub> e	< 15.2%				
Air emissions	• VOC emissions	MT	< 19.5%	<b>55.80</b>	<b>69.29</b>	52.51	57.07
Energy usage	• Energy usage	MWh	> 4.0%	<b>71,805.72</b>	<b>69,071.00</b>	64,196.64	67,025.41
	• 100% Renewable energy usage	% of total	0.2%	<b>116.33</b>	<b>0</b>	0	0
	• Non-renewable energy usage	MWh	> 3.8%	<b>71,689.39</b>	<b>69,071.00</b>	64,196.64	67,025.41
	• Energy usage from the grid	MWh	> 10.0%	<b>71,675.16</b>	<b>65,128.00</b>	64,193.03	63,050.13
	• Renewable energy usage	MWh	∞	<b>116.33</b>	<b>0</b>	0	0
	• Total energy conserved	MWh	∞	<b>3,292.31</b>	<b>0</b>	0	0
	• Energy usage intensity (hour)	MWh/Hr	< 8.0%	<b>0.00462</b>	<b>0.00502</b>	0.00477	0.00504
	• Energy usage intensity (\$)	MWh/\$100	< 12.8%	<b>0.00469</b>	<b>0.00538</b>	0.00538	0.00557

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### Water Security

Category	Target	Units	Base Yr % Change	2022	Base Year	2021	2020
Water usage	• Water withdrawals	ML	> 38.8%	<b>154.48</b>	<b>111.30</b>	106.89	106.16
	• Water discharges	ML	> 31.7%	<b>146.62</b>	<b>111.30</b>	106.89	106.16
	• Water withdrawal efficiency (\$)	ML/\$100	< 6.8%	<b>99,178</b>	<b>106,454</b>	103,707	113,441
	• Water recycling	ML	∞	<b>8.8</b>	<b>0</b>	0	0

### Waste Management

Category	Target	Units	Base Yr % Change	2022	Base Year	2021	2020
Waste generation	• Non-hazardous waste	MT	< 25.8%	<b>388.24</b>	<b>523.54</b>	392.06	435.76
	• Hazardous waste	MT	> 3.0%	<b>81.89</b>	<b>79.47</b>	42.84	52.20
	• Waste generation intensity (\$)	MT/\$100	< 36.7%	<b>0.000031</b>	<b>0.000049</b>	0.000037	0.000041
Non-hazardous waste management	• External recycling	MT	< 5.1%	<b>4,478.73</b>	<b>4,711.73</b>	4,578.52	4,414.46
	• External recycling (%)	% of total	> 0.7%	<b>92.2%</b>	<b>91.5%</b>	92.1%	91.6%
	• Disposal	MT	< 25.8%	<b>388.24</b>	<b>523.54</b>	392.06	435.76
	○ to landfill	MT	< 23.2%	<b>67.24</b>	<b>87.52</b>	87.96	78.45
	○ to incineration	MT	< 26.4%	<b>321.01</b>	<b>436.02</b>	304.10	357.31
	○ with energy recovery	MT	< 75.3%	<b>47.22</b>	<b>191.55</b>	68.22	121.82
○ without energy recovery	MT	> 12.0%	<b>273.79</b>	<b>244.47</b>	235.88	235.49	
Hazardous waste management	• Disposal	MT	> 3.0%	<b>81.89</b>	<b>79.47</b>	42.84	52.20
	○ to biohazardous waste disposal	MT	< 61.8%	<b>6.20</b>	<b>16.22</b>	1.24	12.91

## Additional Notes and Information

### GHG Emissions

- “Net zero Scope 1 + 2 emissions” means reducing Scope 1 and 2 emissions as much as is practicable in line with climate science to maintain global temperature increases below 1.5°C, and then balancing the remaining residual emissions through carbon removal credits as appropriate and feasible.

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### Energy

- “Energy usage from the grid” represents our consumption of purchased or acquired electricity that we received from a third party.
- “Total energy conserved” is the absolute energy conserved in CY2022 through energy conservation and efficiency projects and programs.
- The source of 100% of the reported renewable energy usage in CY2022 was renewable electric power generated at our facilities by our on-site solar energy systems.

### Information on Calculations

- We calculate dollar-based intensity and efficiency targets by dividing the relevant metric by each \$100 of our revenue.
- We calculate hour-based intensity and efficiency targets by dividing the relevant metric by the total hours our employees work.
- We calculate annual energy conservation by comparing the expected energy usage in a reporting year to the actual energy usage. Expected energy usage equals the prior year’s hour-based energy intensity multiplied by the number of hours worked in the reporting year. We selected this model because it isolates the impact of our conservation and efficiency efforts from the impact of year-over-year changes in production levels at our facilities.
- **Green** text in the Base Year % Change indicates a goal was met in the reporting year

As with prior years, reported figures include estimates or assumptions where actual data is unavailable. Estimates are based on historical data, spend data, or other proxies as identified in the calculation methodology. Historic data is restated where we have made material changes due to data improvements. For detailed information, including our climate-related and water security-related governance, our climate- and water security-related risks and opportunities, our climate- and water security-related scenario analyses, site/facility goals and targets, Scope 3 emissions by category, and emissions and water usage other than by the enterprise level, please see our [2023 CDP Climate Change Questionnaire](#) and [2023 CDP Water Security Questionnaire](#) for the 2022 reporting period.

At Kimball Electronics, we remain true to our work in “Creating Quality for Life” in both our local communities and the world. As our Guiding Principles say:

**“The environment is our home. We will be leaders in not only protecting but enhancing our world.”**