

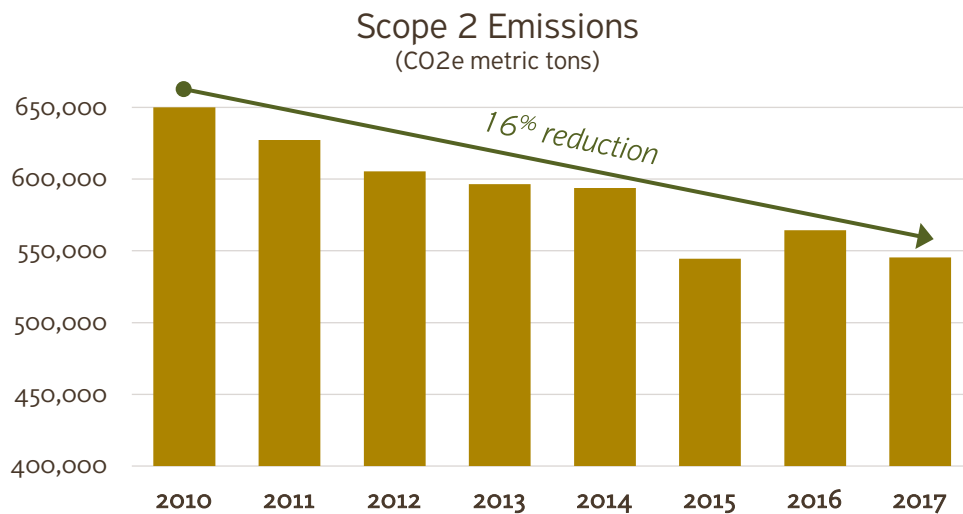
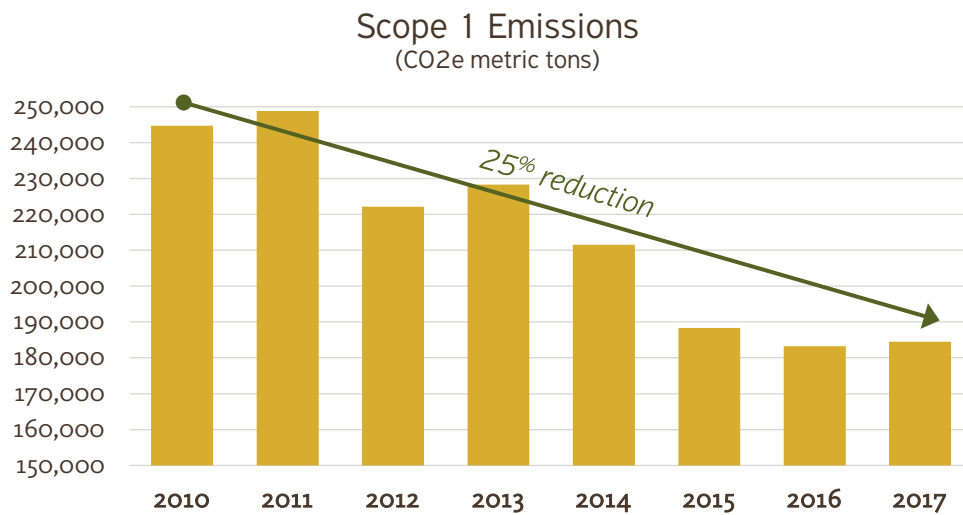
ENVIRONMENTAL METRICS

Our Metrics

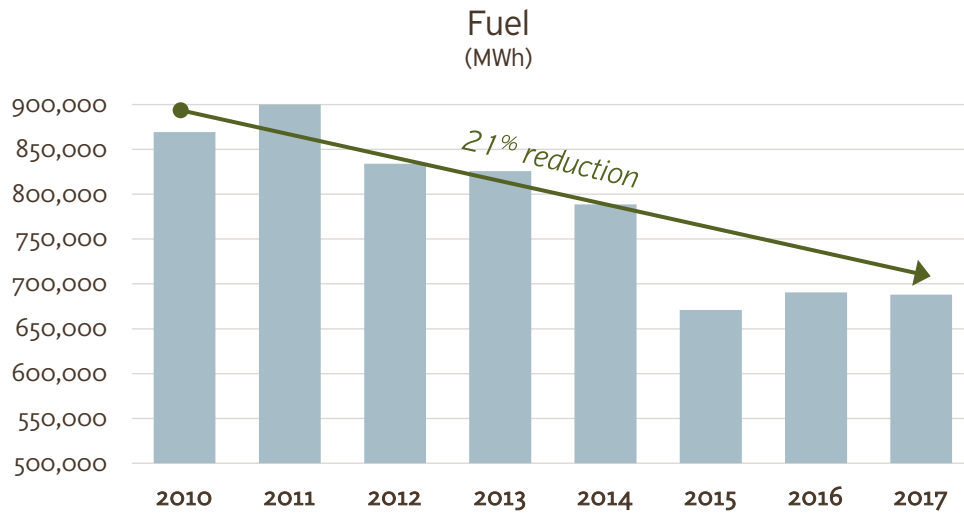
In keeping with our ongoing commitment to natural resource conservation and environmental protection, our key environmental metrics are aligned with industry standards and those most applicable to our operations. The charts presented here demonstrate progress toward our environmental goals, in line with our “maintain and gain” philosophy to continually improve as we grow our business.

Note: see bottom of this document for numeric data points

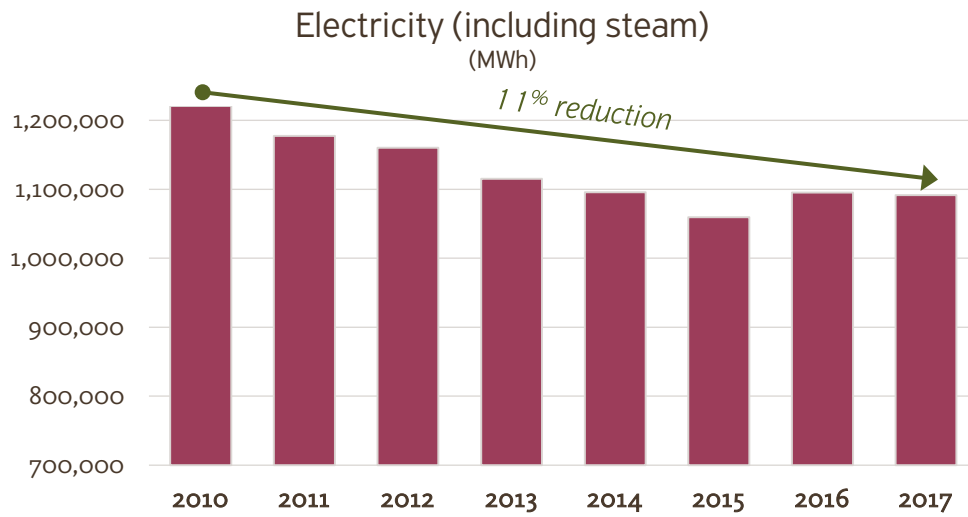
Scope 1 & 2 Emissions (as defined by the GHG Protocol Corporate Standard)



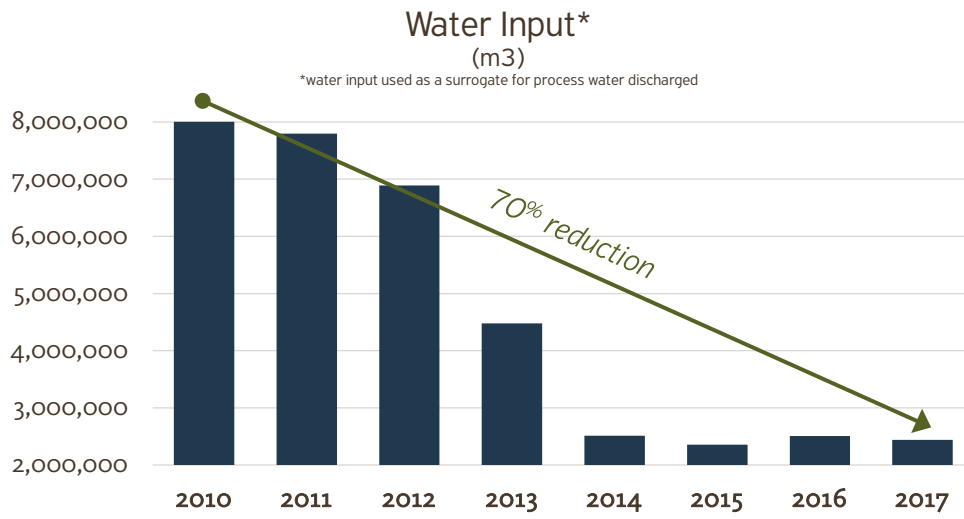
Fuel



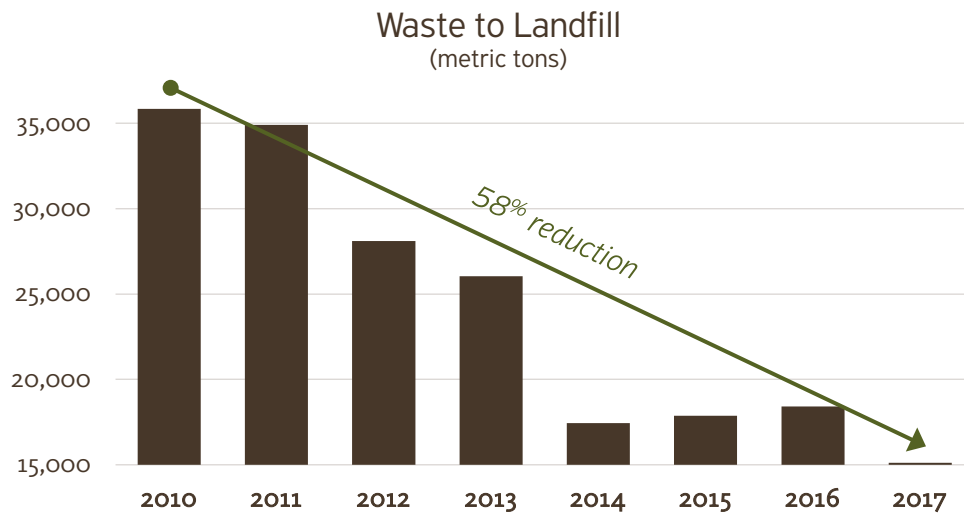
Electricity



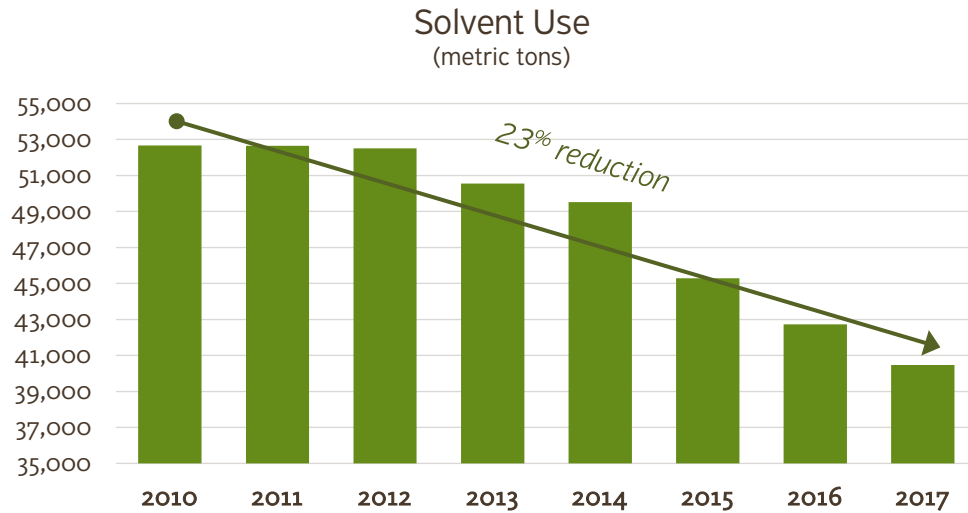
Water Input



Waste to Landfill



Solvent Use



Key Metrics – Data Summary

	Scope 1	Scope 2	Fuel	Electricity*	Water Input**	Waste to Landfill	Solvent Use
	<i>CO2e Metric Tons</i>	<i>CO2e Metric Tons</i>	<i>MWh</i>	<i>MWh</i>	<i>m3</i>	<i>Metric Tons</i>	<i>Metric Tons</i>
2010	244,755	650,803	869,155	1,220,868	8,171,000	35,848	52,667
2011	248,863	627,181	909,631	1,177,356	7,797,000	34,902	52,650
2012	222,173	605,397	833,927	1,160,370	6,888,000	28,095	52,517
2013	228,280	596,604	825,800	1,115,175	4,479,000	26,036	50,561
2014	211,506	593,855	788,568	1,095,628	2,515,000	17,436	49,517
2015	188,353	544,420	670,930	1,059,417	2,353,000	17,868	45,284
2016	183,267	564,368	690,641	1,095,332	2,506,000	18,408	42,726
2017	184,493	545,521	687,891	1,091,628	2,438,000	15,108	40,466

*Including steam

**Used as a surrogate for process water discharged