

360 Degrees of Sustainability



Crown lives by the principles of the three pillars of sustainability: economic, environmental and social.

Economic



Steel and aluminum have high economic value, helping make broader municipal recycling programs financially viable – effectively subsidizing the recycling of less valuable materials in the bin and increasing recycling rates¹



Up to 74%

of the energy required for primary production of steel cans is saved¹

Cans are lighter

Crown has significantly reduced the weight of steel and aluminum cans due to ever evolving technology, facilitating the production of more cans with the same amount of material (without sacrificing critical barrier and strength properties)



Steel used for packaging is up to 40% lighter today than 30 years ago²



Beverage cans: Average weight per unit of volume has dropped by more than 1/3 in the last 20 years³

Packaging produce in cans rather than in formats that require refrigeration or freezing can

save over a billion liters of food per year⁷



Manufacturing a can from recycled aluminum saves 92% of the energy required to make a new can¹



Aluminum scrap \$1,491 per ton¹



Plastic \$385 per ton¹

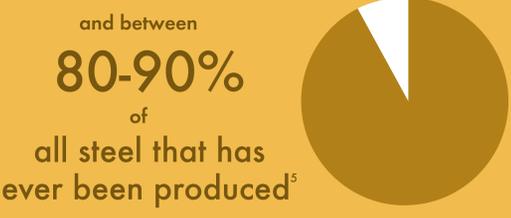
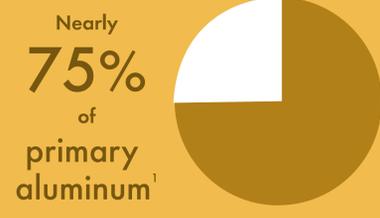
Environmental



Metal is 100% and infinitely recyclable



It has been estimated that steel recycling results in a 40% reduction of water use compared to new steel production, and it produces 76% fewer water pollutants⁴



are still in use today through recycling

Metal helps prevent food waste due to spoilage



Recycled steel cans produce 86% fewer air pollutants and



97% less mining waste when compared to new steel production, and each recycled piece of steel saves nearly twice its weight in CO₂ emissions²

Recycling steel cans reduces greenhouse gases by 75%, and recycling aluminum cans reduces these gases by 95%⁶



Social

The John F. Connelly Scholarship Fund provides educational scholarships to the children of Crown employees around the world

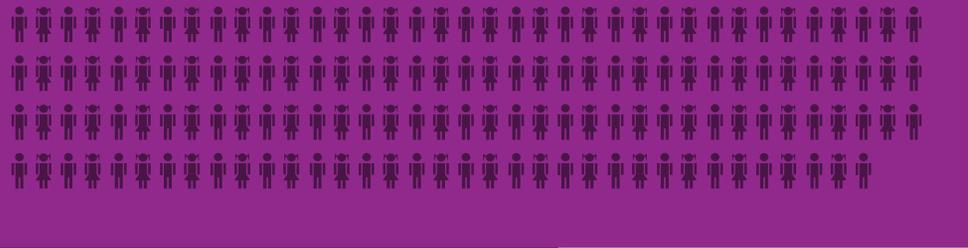
Over the last 25 years, the program awarded



over \$3.8 million dollars



to 1,873 children



Over 50% of Crown's plant workforce in the Sihanoukville, Cambodia plant are graduates of the nearby Don Bosco Technical School where the company sponsors in-plant training programs for students



Executives from Crown donate their time to serve on a number of university and college boards around the world

Visit us at www.crowncork.com/about-crown/sustainability/360-degree-sustainability-metal



Sources: ¹ The Aluminum Association; ² APEAL (The Association of European Producers of Steel for Packaging); ³ Can Manufacturers Institute; ⁴ North Carolina Department of Environmental Quality; ⁵ World Steel Association; ⁶ Aluminium Packaging Recycling Organisation; ⁷ "Effects of Metal Packaging on Energy and Food Waste", University of Delaware and Crown Packaging