

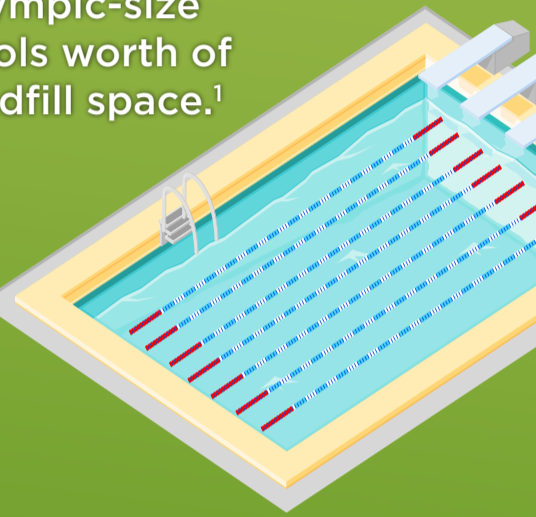


# THE IMPACT OF ASPHALT SUSTAINABILITY

About **9.3M** scrap tires were used to make quiet, rubberized asphalt pavements.<sup>2</sup>

About **1.4M** tons of roofing shingles were put to use in new pavement mixes and other road-building uses.<sup>1</sup>

Reuse of old pavements saves **15,030** Olympic-size pools worth of landfill space.<sup>1</sup>



**76.9M** tons of old pavements were put to use in new pavement mixes and other road-building activities.<sup>1</sup>



**99%+** of the material removed from old asphalt pavements is reused in new pavements<sup>1</sup>

**\$2.1B+ SAVINGS** from recycled materials compared to the cost of raw materials.<sup>1</sup>

**WARM-MIX ASPHALT** technologies have the benefit of reducing energy consumption which decreases the production of greenhouse gases.<sup>1,3</sup>

**31%+** Nearly a third of all asphalt pavement mixtures are produced using warm-mix technologies.<sup>1</sup>

1. Hansen, K.R., A. Copeland & T.C. Ross (2017). *Asphalt Pavement Industry Survey on Recycled Materials and Warm-Mix Asphalt Usage: 2016, 7th Annual Survey*. Report No. IS-138. National Asphalt Pavement Association, Lanham, Maryland.

2. USTMA (2017). 2015 U.S. Scrap Tire Management Summary. U.S. Tire Manufacturers Association, Washington, D.C.

3. Croteau, J.-M., & B. Tessier (2008). *Warm Mix Asphalt Paving Technologies: a Road Builder's Perspective*. Presented at Conference of the Transportation Association of Canada, September 21-24, 2008, Toronto, Ontario, Canada.