



ASPHALT: THE **SUSTAINABLE** CHOICE

ASPHALT PAVEMENT IS:

- ✓ 100% REUSABLE & RECYCLABLE
- ✓ ENERGY EFFICIENT
- ✓ DURABLE AND LONG LASTING
- ✓ NET ZERO CARBON EMISSION OPPORTUNITIES

WWW.MDASPHALT.ORG

ASPHALT IS 100% REUSABLE & RECYCLABLE



Globally, asphalt is one of the most recycled materials, with nearly 100% of reclaimed asphalt pavement being reused in new and repaved roads. In 2021, **94%*** of asphalt mixture was reclaimed from old asphalt pavements and put back to use in new pavements.

ASPHALT IS ENERGY EFFICIENT



Asphalt pavements require less energy to produce, with less produced waste material than other paving materials, and emits fewer greenhouse gases than concrete pavement. **99.6% of carbon in asphalt binder is stored instead of contributing to greenhouse gases.***

ASPHALT IS DURABLE AND LONG LASTING



Asphalt is built to last. Asphalt pavement can resist structural fatigue for at least 50 years, never needing total removal and replacement. This means less disruption, less cost, and less impact on the environment.

ASPHALT OFFERS A NET ZERO MATERIAL SUPPLY CHAIN



A typical Maryland asphalt mix has about **20% recycled asphalt pavement now** with the potential to **increase to 40 or 50%** with no drop in quality or performance. The opportunities that exist with Low Carbon Transportation Material options combined with other recycling technologies make asphalt the logical, fact-based, and common sense choice for a healthier Maryland.

*Sustainability (2024, June 12). Asphalt Pavement Alliance. <https://www.driveasphalt.org/why-asphalt/asphalt-performs/sustainability>

