

Colorado DOT



COLORADO

Department of Transportation

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Continued Implementation Activities Associated with HB 1303 - Buy Clean Colorado Act, and Going Beyond Materials

Project Goals:

Project 1: Ensure an effective, yet compliant, initial 2022 implementation of the EPD program that will result in meaningful data while fostering transportation industry support and continual growth of EPD development across all suppliers of asphalt, concrete, and steel materials.

Project 2: Create a methodology to develop regionally specific GWP benchmarks based on single-facility EPD data collection.

Project 3: Get familiar with life cycle assessment that goes beyond the materials.

Project Tasks:

- **Project 1:** Support organized iterative growth across concrete, asphalt, and steel industries through targeted outreach, collaboration, and education to increase the available EPDs for collection on CDOT projects.
- **Project 2:** A methodology to develop in-state regional environmental benchmarks for transportation project construction materials based on facility specific or product specific collected EPD data.
- **Project 3:** (1) Analyze typical projects (up to ten), (2) define life cycle estimates including performance engineered mixes, sequencing of construction, maintenance and rehab activities, (3) focus on current and potential sustainability practices, (4) review specification changes implemented the last 5-10 years.

