



**REPURPOSE
AGGREGATES**

Roadmap

- Our Story
- Meeting CDE
- Plant Technology
- Plant Capabilities
- Products
- Applications / End Use
- Value Proposition / Reasons to Invest
- Q&A

OUR COMPANY STORY



The Growth Of An Innovation Campus



Aggregate Shortage: Facts



- Virgin aggregate is extracted faster than it can be replaced
- Aggregate extraction exceeds fossil fuel extraction globally
- Sand is the most consumed natural resource after water
- Not all sand is useful, desert sand is too smooth and round from wind erosion to be bound for construction use
- Global sand usage has tripled over the last 20 years due to increased construction
- These factors will soon cause a spike in virgin sand cost
- Sand extraction is harmful to the environment, destroying marine life, causing erosion, weakening coastlines / increasing flooding, and contaminating fresh water supplies

HOW DID WE MEET CDE?



March 2020 - Introduced to CDE at ConExpo



Dec 2020 - First container of equipment arrives at plant site



May 2022 - Plant commissioned

July 2020 - CDE partnership begins

March 2021 - Construction begins

August 2022 – Ribbon Cutting



BUILDING A SUSTAINABLE FUTURE



- Our goal at Repurpose Aggregates is to create a new sustainability and innovation-focused ecosystem within the aggregate industry.
- 95% of the material processed by Repurpose Aggregates is diverted from landfills.
- Our facility is projected to divert 2,800 tons of carbon from our atmosphere per year, equivalent to planting 134,000 trees.

Our Feed Material

- At Repurpose Aggregates, we strive to change the perception of the leftover or discarded material from construction, demolition, and excavation activities often regarded as unusable or unstable.
- This material typically consists of concrete, brick, and/or dirt.



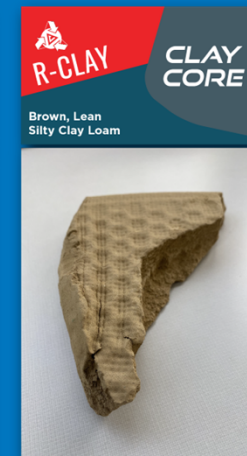
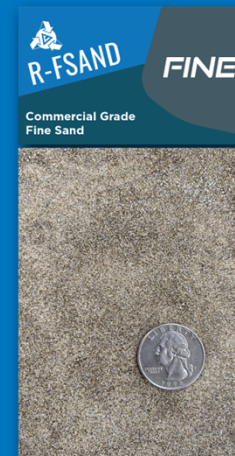
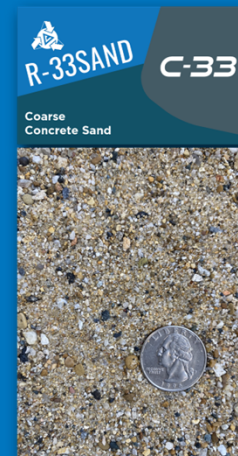
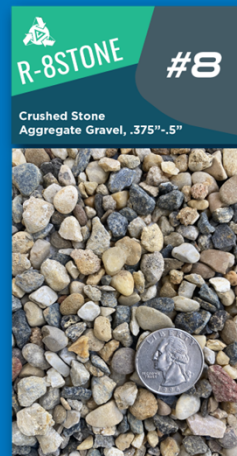
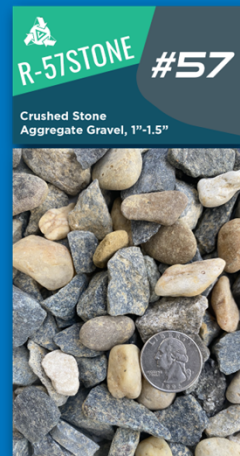
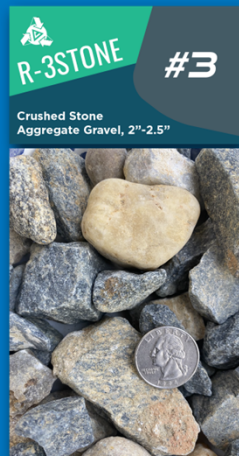




Our products meet quality standards for performance, best practices, and sustainability. We produce quality products within regulatory requirements that support a number of industries. Repurpose Aggregates' product offerings will expand as we develop new innovative reuse and repurposing applications, including:



- Incorporating dredged material into lightweight aggregates
- Manufacturing sand, stone, bricks, and concrete blocks
- Producing manufactured topsoil
- Creating fill for construction projects



End Use Applications



- Concrete Blocks
- Pathways & Flooring
- Retaining Wall Blocks
- Pipe & Cable Bedding

- Road Base & Finished Asphalt
- Drainage Stone
- Clean Stone Layer
- Layer Under Geotextile



ADVICE FOR SOMEONE PLANNING TO INVEST IN A WASTE RECYCLING PLANT



SmartCities

Europe is far ahead of the US when it comes to sustainability. European cities serve as the benchmark for material recycling and circular economies.

Two examples:

- 1) They incentivize recycling through enforcing landfill dumping surcharges
- 2) They surround their major cities with several recycling plants

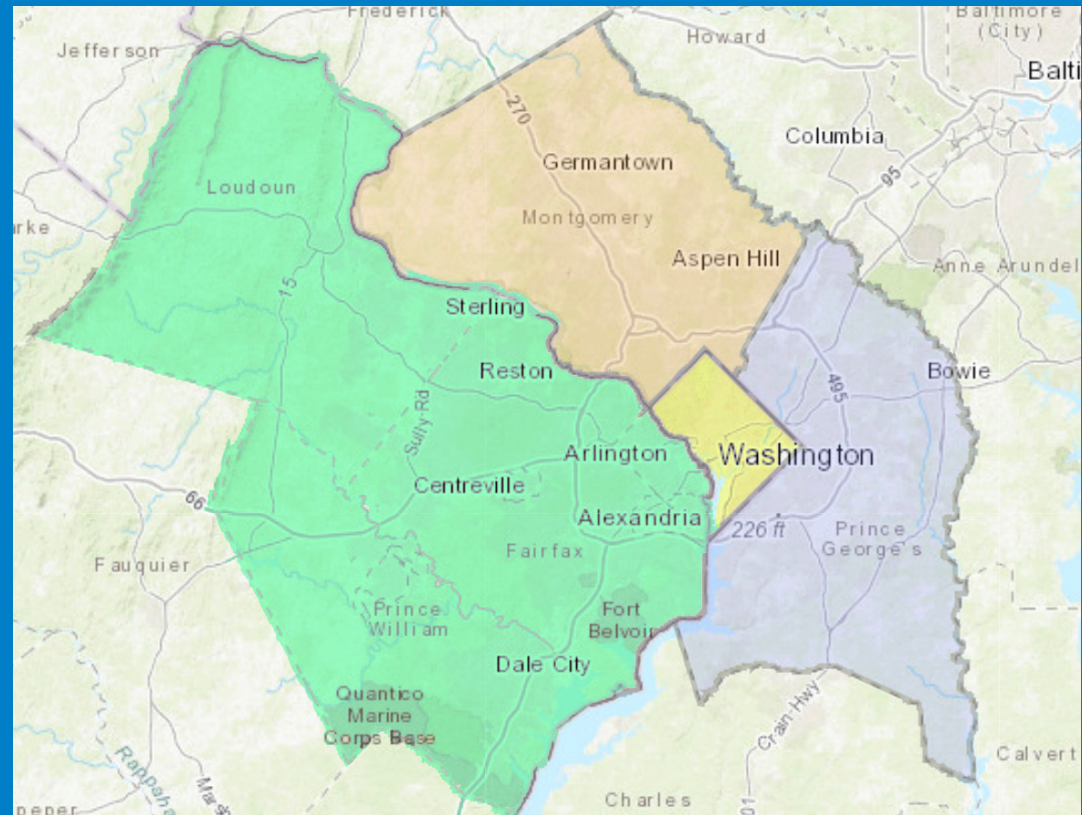
- Using the example snapshot on the right as a benchmark, in the UK, Liverpool (population of 920k) and Manchester (population of 2.8m) combine for a population of 3.7M people and 11 mid-sized CDE recycling systems to service their waste production. This extrapolates to a demand of 2.9 CDE recycling plants per 1 million people.



SmartCities

In the Greater Washington Metropolitan Area there is a population of approximately of **5.83 million people** (Northern VA (Green): 3.16M, Washington D.C (Yellow): 672,000, Prince George's County (Purple): 947,000, and Montgomery County (Orange): 1.05M).

The DMV's population size requires **between 17-18 CDE recycling plants in the area to be aligned with the UK.**



QUESTIONS?

THANK YOU!