



CHALLENGE:

Composite recycling

is an increasing concern worldwide. In the United States, over 29M lbs. of carbon fiber scrap is landfilled annually, with 2M lbs. in Washington State alone.



SOLUTION:

The Composite Recycling Technology Center in Washington State

The Composite Recycling Technology Center in Port Angeles, Washington, a joint project of the Port of Port Angeles, the City of Port Angeles, Clallam County and Peninsula College, will enable commercially competitive recycling of composite waste into feedstock for new products.



Manufacturing Makerspace

We will be offering a full suite of services to companies interested in product development utilizing composite recycled materials. The center will offer the expertise, tools and partnership environment that will add value to materials that would otherwise be wasted. The goal is to facilitate new product development by producing short-run, scalable production demonstrations.

Port Angeles is a great place to do business. With the combination of state-of-the art facilities, low cost of living and electricity rates, proximity to domestic and international markets and a trained workforce, the Port of Port Angeles is ready to meet the needs of the composite industry.

Contact the Port now to learn more about how we can help your business succeed.

VISION:

The Composite Recycling Technology Center

will create a new, world-leading industry for reclaiming, recycling, and reprocessing carbon fiber composites that grows the advanced manufacturing industry and its talented workforce. The CRTC will engage in three primary efforts:

- 1) **Environment:** Reduce amount of composite waste being landfilled by extending product lifecycle through re-use in new applications with reduced energy and environmental footprints;
- 2) **Economic:** Coordination and support of product development, by and between companies and/or research institutions, where the primary material feedstock is recycled composite waste; and
- 3) **Education:** Support the training of a workforce prepared for and accomplished in the reclamation and repurposing of composite waste.

The initial material focus will be uncured pre-preg carbon-fiber waste generated by Washington-based composite manufacturing companies. To accomplish these tasks, the center will be staffed with technical experts and house shared state-of-the-art full-scale equipment in its 25,000 square foot facility.



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