

Re-Pneuma Executive Summary

Wind turbines have been a big player in the renewable energy industry. They are located all around the world, but have you ever wondered what happens to them once they come to the end of their lifetime? When wind turbine blades come to the end of their lifetime they are sent to landfills where they sit taking up space, or are buried in different locations. This is a problem because the structures that are built to create a cleaner environment are also becoming waste.

Re-Pneuma's vision is, "reusing wasted materials for a clean and sustainable future." Our mission is, "to reuse and repurpose the use of wind turbine propellers in the construction industry in order to extend the life cycle of resources in renewable energy." Repurposing the blades gives an incentive to produce wind turbines, knowing that their life cycle is expanded. Re-Pneuma is simultaneously supporting renewable energy while solving the problem of waste and expanding landfills. We believe that it is important to protect the environment, thus we want to contribute by reusing wasted materials in order to lower the amount of waste that is being produced (globally is approximately 2.01 billion tonnes annually).

Our company strategy will be selling our products to construction companies. These construction companies can use the recycled materials to build a variety of products that would help limit the amount of waste being produced. To make Re-Pneuma into a sustainable and profitable business long term, each blade recycled needs to produce \$1,000 in the private market. One of the main reasons that this industry is attractive despite all the expenses (transportation, excavators, a crusher, blades, trucks, etc), are the United States Subsidies for each ton of recycled blades. Re-Pneuma would like to invite you to join in our vision of making a clean and sustainable future.