

The Journey toward Making Sustainable, Innovative Products from Trees

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For almost 100 years, Rayonier Advanced Materials Inc. (“RYAM”) has been purifying cellulose from trees with the ability to achieve the highest purities available in the cellulose market. We have perfected the processes of kraft and sulfite cooking, and now, we aim to ensure that our processes use the whole tree by valorizing the other biomaterial streams into sustainable products. We completed our 2nd generation bioethanol plant at our Tartas, France, location in early 2024. This 2G bioethanol will be critical to decarbonizing transportation fuels by providing more than an 80% reduction in carbon emissions as compared to traditional fossil fuels. Further, we have developed and tested a prebiotic fermentable fiber from our cellulose production process for use in the poultry market to improve the microbiome of the chicken and therefore improve overall gut health. We will discuss these projects, as well as others we are pursuing, as we develop our contribution to a more circular economy.