



The wood pellet industry has grown from a small, home-heating fuel in 2000, to a global business delivering more than 28,000,000 tonnes of renewable energy largely now used to permanently displace coal.

I am pleased to join the Arterran Renewables team which has, over the past decade, developed a 'next generation' pellet fuel which is specifically designed to lower the transport, storage and co-firing costs of wood pellets in existing steam boilers.

Wood pellet customers are large utilities and global trading companies for whom advances in pellet processing technology are sought towards lowering the ultimate delivered cost/GJ. Arterran's proprietary processing technology has been proven at a lab and pre-commercial scale to validate a high degree of water resistance and a higher energy density. The combined benefits can be supplied at the same cost/GJ as a white wood pellet but with significantly lower transport and storage costs as an added value.

There are more than 800 pellet plants in 28 countries today, most of which are producing a fuel to burn in power station boilers that previously burned only coal. A further benefit to the utility industry is that with the Arterran fuel, it is feasible, for the first time, to economically co-fire a wood pellet with coal.

Every ton of densified biomass that replaces coal contributes to as much as an 80% reduction in greenhouse gas emissions as well as significantly lower amounts of ash. Since all of the wood pellet fuel produced today is sourced from sawmill and in-forest residual biomass, the use of this renewable product contributes to healthier forests and reduced forest fire risks.

Arterran's challenge in 2020 is to build a full-scale, 20,000T/year pilot plant that will reliably validate continuous throughput using commercially-available components and deliver a superior, lower-cost/GJ finished water resistant export fuel.

We welcome any and all partners and customers to visit our pilot plant later this summer, and to join us to create a truly innovative addition to the wood pellet marketplace.

Steve Mueller
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