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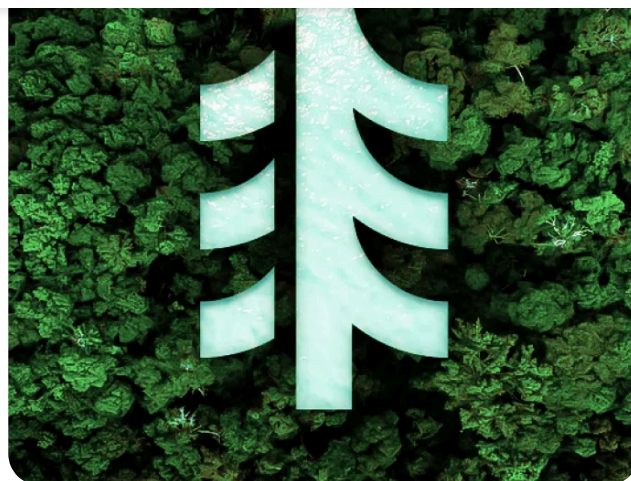
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Environmental Solutions with Novel Activated Carbon Technologies

Our proven expertise in mercury emissions control is now paralleled by our dedication to developing disruptive solutions in water purification. These endeavors represent our commitment to combine smarter business with environmental improvements, driving sustainability and efficiency across sectors.



Improving Cleaner Air & Water

Our core business relies on our SEA® (Sorbent Enhancement Additive) Technologies for mercury control, a patented and globally-recognized "BACT" (Best Available Control Technology) and widely adopted across the U.S. coal-fired power sector. Over a decade of commercialization, growth, and development has secured a reputable market presence in mercury capture establishing Birchtech as a leader in activated carbon technologies expanding into vital new areas.



Research & Development

Our commitment to innovation is underscored by substantial investments in thoughtful research and engineering development. Our core SEA® technologies for mercury emissions capture are the result of more than \$65 Million in R&D yielding over 35+ active patents. Our commitment to deliver cutting-edge ESG-focused solutions redefines the landscape of smart, sustainable technologies.



Sustainable Contaminant Removal

Efficient, affordable sustainability is the cornerstone of our operations. From significantly reducing mercury emissions across the U.S. coal-fired sector to introducing a new approach in activated carbon technologies for combating harmful water pollutants ("forever chemicals"), our technologies are industry-disruptive. With U.S. potable water utilities facing over \$1.5 billion annually in compliance costs due to new PFAS/PFOS regulations, we are committed to ensuring an ESG-driven domestic infrastructure with more affordable, sustainable, and highly-effective solution.

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Birchtech Corp. is dedicated to advancing environmental technologies through innovative solutions in air and water purification. We lead with a commitment to continuous development and refinement of our patented technologies, driving industry advancements and setting new standards for a cleaner, safer future.

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