

**COMPANY OVERVIEW:** Algae 2 Automation LLC's mission is to harness the incredible growth patterns of Spirulina and other microalgae to provide high-quality **sustainably produced protein** with product applications in **several growing markets**. Using **proven growing methods, advanced automation technology** and a passionate leadership team, A2A is uniquely able to accelerate yields, operate more efficiently and sustainably scale.

**MARKET OPPORTUNITY:** The **global demand** for clean and environmentally friendly products is rapidly growing. Spirulina and other microalgae strains, with their **high yields and low environmental impact**, are poised to meet this demand as consumer awareness and adoption of Spirulina products continues to grow. The global Spirulina industry is growing at about a **10% CAGR** and is expected to reach **\$1B by 2030**. Since its commercialization in the 1970's it has crept into various product applications across several growing markets including **pharma, nutraceuticals, cosmetics, natural dyes, extracts, animal feeds, biofuels** and others.

**PROBLEM/SOLUTION:** Setting up and maintaining a large scale algae cultivation system brings high implementation and overhead costs, hindering algae growers from successfully scaling. Algae 2 Automation's innovative approach to algae cultivation leverages cheap desert land, proven cultivation methods, energy efficiency, and automated machinery to **reduce costs and increase production**, overcoming the challenges faced by traditional large-scale systems.

**BUSINESS MODEL:** A2A's production optimizations allow for economies of scale, resulting in a **cheaper, more consistent product**. This enables partnerships with distributors and large-scale buyers, driving significant sales volume, reducing market entry risks, and ensuring steady revenue. Operating in Texas provides several advantages: lower material costs, lower taxes, a business-friendly regulatory environment, and better access to major transportation networks compared to competitors in California and Hawaii.

**LEADERSHIP:** Algae 2 Automation's founder, John Hittner has a diverse background in **entrepreneurship, engineering, and environmental science**. He brings extensive experience from his ventures in Fishy Business, INC, CM Solutions, and Hittner Machinery, along with his partnerships at Leap Farms, LLC, and M and B Vineyards, LLC. John's hand-selected team includes a **marketing and branding expert** as the co-founder, an **aerospace engineer** and seasoned **algae cultivation expert** as the head of production, an attorney specializing in **tax planning, business structuring** and **asset protection** and a **defi-based supply chain solutions and biotechnology researcher** as partners and an **advisory board** that includes a leading authority in the Spirulina industry, Robert Henrikson. His 40 years of experience as a pioneer in Spirulina production, commercialization, marketing, and humanitarian initiatives around the world ensures the company leverages algae's full potential for both commercial and social impact.

**RETURN ON INVESTMENT:** So far, A2A has successfully introduced three nutraceutical product lines in Texas and also secured a valuable patent contract with the exclusive provider of botana oil-based products to be used with our spirulina extract (phycocyanin). Additionally, our recently finalized patentable process and facility plans will soon be available for licensing worldwide, creating more revenue streams for the company. With prospecting complete and support from community developers, local officials and regulators in hand, A2A is **seeking \$30M in exchange for 20% of the company**. \$17M will be used for hard costs of tangible assets including infrastructure, property acquisition and equipment with \$13M covering administration, staff, consumables and operating costs for 3 years.

**Phycocyanin Revenue Projections:** At full capacity (200-250 t/yr), generates \$20M (mid-purity, \$100/kg) to \$50M (high-purity, \$250/kg); highest-margin biorefinery product.

**Byproduct Synergies:** 900-1,020 t/yr de-pigmented biomass repurposed as high-protein feed adds \$2-5M (\$2-5/kg); enables zero-waste profitability.