

Biography: CEO of Solargeny - A Visionary Leader Driving Sustainable Innovation

I am Mendy Calixte, the CEO and founder of Solargeny, a company dedicated to revolutionizing solar energy access. My journey from the sun-drenched shores of Petite Rivière de Nippes, Haiti, to leading a sustainable energy enterprise is a story rooted in determination, resilience, and innovation.

Growing up in a small, remote coastal town in Haiti where electricity was scarce, I faced the challenges of living without power and studying by kerosene lanterns. These struggles inspired me to find creative solutions. As a child, I would break toys apart to harvest their electronic components and small bulbs, which I powered at night using old car batteries. I even built powered remote-controlled cars and toys, sparking my lifelong passion for sustainable energy and innovation.

I attended College Saint Antoine in Haiti, where I excelled academically while leading marine conservation projects under the Haiti Ocean Project. This initiative focused on protecting high-profile marine life such as marine mammals, sea turtles, sharks, and stingrays through youth education, research, data collection, community awareness, public policy, and ecotourism. This experience was a turning point in my life, solidifying my commitment to creating social impact through innovation. Upon graduating from high school, I won the Adobe Creativity Scholarship, which allowed me to pursue higher education.

My academic journey led me to the University of Tennessee at Chattanooga, where I earned a degree in Mechanical Engineering. During my time at UTC, I took on leadership roles, including president of the 3D Group. I also founded Photokid, an organization in Haiti that focuses on digital skills development and vocational training for youth. In my second year of engineering studies, I launched my first company, Otanty.com, in Tennessee, providing digital data services for home builders, 3D photogrammetry data for engineering, and consulting on solar alternative solutions.

Towards the end of my studies, I secured an engineering internship with a medical device startup, QuantumOPS, Inc. There, I took on multiple roles in product management, engineering design, development, and quality control. After QuantumOPS was acquired by Enovis in 2019, I graduated and was offered a position as a Process Engineer, where I led the development and supply chain of Class 1 medical devices.

In early 2024, I founded Solargeny with the vision of making solar energy accessible and affordable to communities worldwide, especially those like my own. My goal was to provide a sustainable, renewable energy source to areas neglected by traditional power grids. Under my leadership, Solargeny is committed to creating inclusive, cutting-edge solar technologies that meet the diverse needs of populations.

With over a decade of professional experience, including roles as a Process Engineer III at Enovis, a Quality Control Engineering Intern, and expertise in construction technologies, I have continued to refine my technical skills. I am proud to have designed, medical devices, a variety of solar-powered systems, including solar light fixtures, generators, aerators, and camera systems.

Fluent in French, Creole, and English, I bring a global perspective to my work, which has been instrumental in helping me bridge cultures and connect with diverse audiences. My story and experiences have shaped my work, serving as a testament to the power of perseverance, education, and vision.

As CEO of Solargeny, I remain committed to empowering communities with sustainable energy solutions. My journey has shown me that no challenge is too great when you have the determination to create a brighter, more sustainable future for all.

Mendy Calixte

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