

Dracula Technologies Unveils Green MicroPower Factory, Revolutionizing Indoor IoT Energy Harvesting

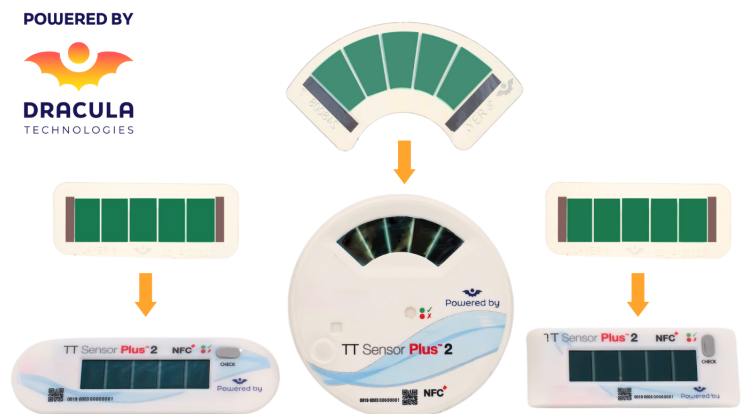
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VALENCE, FRANCE, October 16, 2023 /EINPresswire.com/ -- Dracula Technologies, a pioneer in energy harvesting through indoor light, announces its new "Green MicroPower Factory"—a state-of-the-art, fully automated facility. The largest of its kind in Europe (2500 m²), this factory will produce up to 150 million cm² of organic photovoltaic (OPV) devices per year, using inkjet printing to simultaneously lower costs and increase customization. Dracula Technologies' new facility will cater to high-volume IoT customers from early 2024, while also preparing to license its groundbreaking technology.

As the IoT market expands, the need for sustainable power sources is becoming more crucial than ever. Not only are traditional batteries toxic to our environment, but their limited lifetimes also render them useless for industrial-grade IoT applications. Additionally, the launch of the new factory arrives at a critical juncture, coinciding with European regulation



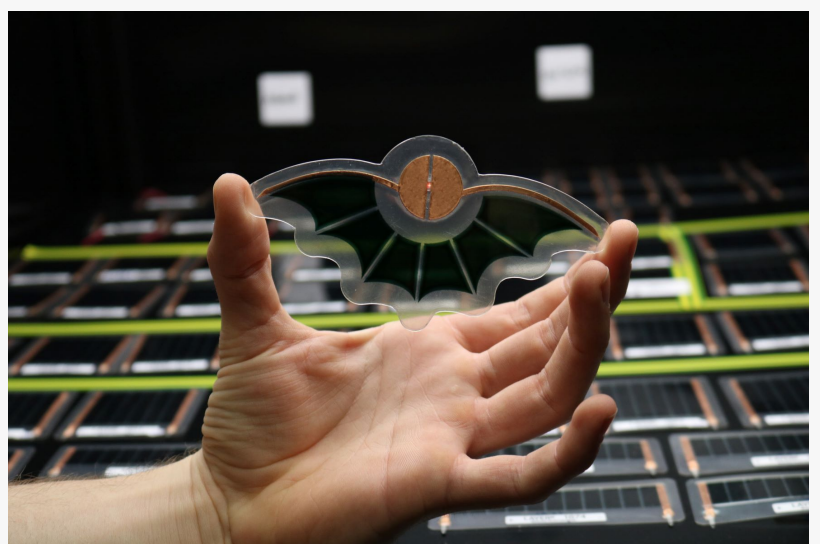
Usine Dracula Technologies à Valence



Produits LAYER de Dracula Technologies

guidelines to phase out non-rechargeable batteries in IoT devices. The Green MicroPower Factory enables large-scale production of sustainable modules, marking the beginning of the end of conventional batteries.

"This new factory significantly expands our production capacity, ensuring we meet the growing demands of our customers by delivering customized solutions in high volume," said Brice Cruchon, CEO of Dracula Technologies. "We are excited to be leading the way to a greener and more connected future."



LAYER® technology: OPV solution that generates energy from light

By leveraging inkjet printing technology, the factory will not only achieve high-volume production of highly customized modules, but it will also reduce unit production costs by a factor of three. The new factory marks a significant milestone in Dracula Technologies' journey, as the company

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Brice Cruchon, CEO, and founder of Dracula Technologies

reinforces its commitment to drive positive change within the industry through environmental stewardship and innovation.

To support this ambitious venture, Dracula Technologies has begun recruiting over 60 additional skilled professionals, creating employment opportunities, and fostering economic growth. Looking ahead, Dracula Technologies will have a total of 250 employees by 2030.

These efforts are aligned with Dracula Technologies' goal of bolstering the sovereignty of France and Europe, eliminating the need to import batteries from outside of

Europe, and working exclusively with European suppliers. In recognition of its commitment, Dracula Technologies was recently named laureate of the "First Factory" project call, an initiative aligned with France's reindustrialization strategy (France 2030), receiving total funding of €5 million from the French State.

About LAYER®: Specifically designed for IoT devices, LAYER® is the world's first free-shaped organic photovoltaic (OPV) module produced by inkjet printing that can effectively generate energy from ambient light. Smart home devices installed with LAYER® technology are

automatically charged by standard indoor lighting—even in low light conditions (less than 50 lux)—eliminating the need for cables and batteries. LAYER® is customizable and eco-friendly, thanks to the unique manufacturing process that uses a standard inkjet printer and organic photoactive inks. The OPV module can take on any shape, adapt to the smallest formats, and use different types of material to meet the needs of a wide range of applications—including indoor IoT devices, wearables, and any other component that runs on ultra-lower power.

About Dracula Technologies: Dracula Technologies (Valence, France) is a pioneer in energy harvesting through light in our living space. The Internet of Things brings a new set of challenges to industry—including limited battery life, excessive power consumption, and e-waste. The result of more than 10 years of research and development, LAYER® technology from Dracula Technologies is the only system that can provide flexible and customizable modules that support the small and variable-shaped objects required for IoT—and at a very low cost.

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