



NAWAH

PRESS RELEASE

NAWAH inaugurates first US factory in Dayton, anchoring Franco-American leadership in advanced composite materials

French deep-tech leader brings vertically aligned carbon nanotube (VACNT) production to Ohio in \$10M investment – from site selection to operations in under 12 months

ENGLEWOOD, Ohio – June 10, 2026 – NAWAH, the global leader in vertically aligned carbon nanotube (VACNT) materials for composites, today inaugurated its first North American manufacturing facility in Englewood, Ohio. The \$10 million, 38,000 sq. ft. site – built in close partnership with JobsOhio, the Dayton Development Coalition, and the University of Dayton Research Institute (UDRI) – went from site selection to production-ready in less than 12 months, among the fastest greenfield builds of its kind in Ohio's advanced-manufacturing corridor.

The Dayton facility positions NAWAH at the epicenter of American aerospace, defense, and advanced industry – and establishes a strategic Franco-American industrial alliance in a class of materials critical to next-generation sports equipment, aviation, aerospace, and mobility applications.





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A FRANCO-AMERICAN INDUSTRIAL ALLIANCE

NAWAH's Dayton plant illustrates a new model of transatlantic industrial cooperation: French deep-tech innovation — born from pioneering collaboration between the CEA (French Alternative Energies and Atomic Energy Commission) and MIT — combined with American advanced-manufacturing scale. As both nations invest in supply-chain resilience for critical materials across defense, aerospace, and energy, NAWAH stands at the intersection of France's *France 2030* industrial sovereignty program and the United States' reshoring of advanced manufacturing.

"Fifteen years ago, our research at MIT demonstrated that integrating vertically aligned carbon nanotubes as interlaminar reinforcement could fundamentally transform composite materials. Seeing NAWAH bring this technology to full industrial production is deeply gratifying. This inauguration marks a milestone not just for one company, but for the entire field of structural nanomaterials — proof that breakthrough science can become a manufacturable reality."

— Prof. Brian Wardle, MIT, Department of Aeronautics and Astronautics and Department of Mechanical Engineering

"Dayton has long been a hub of innovation, from aviation to advanced composites. NAWAH's decision to establish its U.S. production facility here is a powerful testament to the strength of our region's manufacturing ecosystem. Bringing vertically aligned carbon nanotube technology to industrial scale in Ohio opens a new chapter for advanced materials, and we are proud to welcome NAWAH as a key contributor to Dayton's dynamic future."

— Sarah E. Spees, Director, Business Development Dayton Development Coalition

"France is at the forefront of deep technology, and NAWAH embodies this tradition at its finest. The inauguration of its facility in Dayton is a proud moment for French innovation in Ohio and the United States. It also reflects the strength of the Franco-American partnership in advanced manufacturing, a collaboration built on shared values of scientific excellence, industrial ambition, and long-term commitment to sustainable technologies."

— Charlotte MONTEL, French Consul General in Chicago



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"Less than one year ago, this facility was a vision on paper. Today, it is a reality – and has been achieved entirely by our team, on both sides of the Atlantic, who worked with extraordinary dedication and speed to make it happen. This inauguration is not an endpoint; it is the starting line. NAWAH is determined to become the world's leading producer of VACNT, and Dayton is where that journey truly begins."

– Alain Guinot, CEO, NAWAH

NAWAH-STITCH® – A WORLD-FIRST INDUSTRIAL CAPABILITY

NAWAH is the only company currently producing VACNT interleaving film in continuous roll-to-roll volumes. Its first product, **NS-Film**, places vertically aligned carbon nanotubes precisely where they deliver the most value in composite parts – significantly enhancing resistance to delamination, energy absorption, and fatigue performance. The process is patented.

The Englewood site will enter full commercial production this summer with its first rolls of material coming off the line. NAWAH targets operational profitability by 2028 and **\$30 million in revenue by 2030**.

STRATEGIC LOCATION AT THE HEART OF ADVANCED INDUSTRY

Ohio hosts one of the most dynamic industrial ecosystems in the United States, with deep-rooted expertise in aviation, aerospace, defense, and advanced technology. Dayton – birthplace of American aviation – remains a cornerstone of the nation's aeronautical industry and home to Wright-Patterson Air Force Base, UDRI, and a dense network of Tier-1 aerospace suppliers.

NAWAH's establishment in Englewood was actively supported by **JobsOhio** and the **Dayton Development Coalition**, which facilitated site access, foreign-investment programs, and integration with the local industrial network. The company is also working closely with the **University of Dayton Research Institute (UDRI)** under the leadership of Paul Kladitis.



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MARKETS WITH HIGH POTENTIAL – COMMERCIALIZATION UNDERWAY

NAWAH's priority market is **premium sports equipment**, characterized by short product cycles and strong demand for high-performance composites. The global addressable market for high-end sports equipment is estimated at **\$200–400 million**, with projected annual growth of 2–5% through 2030.

In parallel, NAWAH is engaged in **aviation and aerospace** qualification programs – sectors with longer cycles but significantly higher volumes and margins. The company has secured initial orders with manufacturers across high-performance sports equipment and is in active qualification programs with leading aerospace players in Europe and North America.

INVESTING IN AMERICAN INDUSTRIAL CAPACITY

NAWAH has hired 11 people to date and plans to reach **20 employees by year-end 2026** and **50 employees by 2029**. The company has also engaged numerous US suppliers, particularly for production equipment, reinforcing the local industrial value chain.

"Our investment in Dayton represents a very significant effort, and the speed of execution reflects extraordinary teamwork between our French and American teams, the strong backing of our shareholder Alexandre Garèse, and the support of JobsOhio, the Dayton Development Coalition, and UDRI. Brian Wardle and his team at MIT demonstrated the promise of this technology for the composites world more than a decade ago. Today, NAWAH is proud to be the first to industrialize and commercialize it and to do so in the United States, in the heart of American aerospace."

– Alain Guinot, CEO, NAWAH



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ABOUT NAWAH

NAWAH is the global leader in the design and manufacturing of architected nanomaterials, with operations in Rousset (France) and Englewood, Ohio (USA). The company is a subsidiary of ETSEM, a French industrial group owned by Mr. Alexandre Garèse. NAWAH's technology draws on pioneering research conducted at the CEA (France) and MIT (USA), which paved the way for the discovery of vertically aligned carbon nanotubes (VACNT). Today, NAWAH focuses on accelerating industrial deployment of advanced composites for sports, aviation, aerospace, and mobility applications.

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