OVERVIEW

The NAWATechnologies team can provide custom industrial NAWATech solutions using VA-CNTs* (Vertically-aligned carbon nanotubes).

Your company can benefit from the knowledge of our team of nanomaterial experts.

With an engineering and/or PhD background and large technical experience, your contacts in NAWATech have a combined expertise unique in the area of VA-CNT, allowing you to address the challenges posed by the development of technologically disruptive products.

*MWCNT: Multi-Wall Carbon Nano Tubes

VACNT applications

- NawaShell : NawaCap encapsulation in a structure
- Coupling of TIM (NawaTim) and thermo-electric generation
- Fuel cell: Membrane for PAC
- EMI Shielding: Nawa Shield: (2D et 1D) cables, tresses, films, membranes...
- Recycling of ionic liquid
- Revalorisation of CNT
- VA CNT insertion
- BioMaterials
- Drug Delivery
- Sport & Leisure
- Medical
- Auto et Electric industry
- Recycling/Depollution
- Auto, aero, rail, industry, sport & leisure,....
- Energy
- Materials

NawaVelvet samples, qualification, simulation, feasibility study, benchmark concurrents, Possibilités des VA CNT

Concept, Feasibility R&D, industrialisation Test, Qualifications T.T.M duration
Methodology and objectives

Our team can provide complete support from the initial phases (concept, feasibility simulation, sampling,...) through the R&D and development, test, integration,... up to the finished VA-CNT product.

The solutions and products we can develop for your application integrate functionalised or bare VA-CNTs (coating, filling, etc...). Using a proprietary APCVD fabrication process we can control the principal parameters:
- **Length** of carbon nanotubes between 100 µm and 2 mm or more
- **Growth** on a variety of flexible or rigid substrates
- **Rigorous** control of diameter and density of tubes

Using the cross-functional competencies of the NAWATech team, its experience and expertise including material characterisation, electrochemical processing, complex analysis techniques, elaboration processes, composite materials and polymers, simulation and development of new materials, ...

... and international recognition of the excellent mechanical, electrical and thermal properties of our VA-CNTs. We will analyse, in exchanges between our experts and your teams, the solutions which will allow you to fully benefit from the potential offered by VA-CNT technology.

**CONTACT INFORMATION**

NAWATechnologies
Sales@nawatechnologies.com
Phone: +33 677 877 934

NAWATechnologies SA
Société Anonyme au capital de 139.117 euros, Siren 792701518, RCS Aix en Provence
Technopole de l’Arbois, Le Petit Arbois, Avenue Louis Philibert, 13100 Aix en Provence - FRANCE