

## About us...and why a new consortium??

Four companies. Four different specializations. Four different core competencies. ONE GLOBAL SOLUTION.

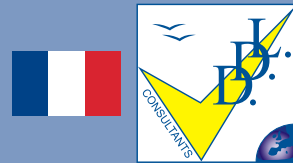
The global consortium is a coming together of Kineco, Digiprotek, DDL and Cenaero in the field of composites. The new global consortium has been formed to meet the demands of our customers who are increasingly looking at a single stop solution or a set of partners that work seamlessly to provide the most efficient and yet competitive solution. With over 120 man years of combined expertise covering the whole spectrum starting with concept design and innovation to supply chain and logistics, the consortium is well positioned to meet extremely tight deadlines of development and supply of complete turnkey solutions. The consortium's strong workforce, truly international exposure and cross cultural experience coupled with depth and expertise in the domains of business verticals is geared to solve today's and tomorrow's challenging problems.

Our motto ....

**GLOBALLY COMPETITIVE SOLUTIONS. GUARANTEED.**



## CONTACT



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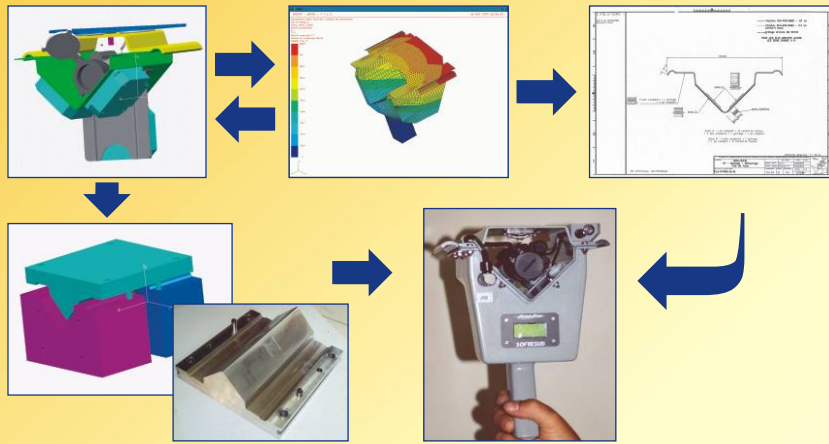
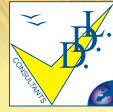
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**A NEW GLOBAL CONSORTIUM**



## DDL Consultants, S.A.R.L, France



DDL consultants provide expertise in the field of global techno-economic optimisation of highly structural composite parts and tools for critical applications in aerospace, defence & transportation applications. This is done by taking into account, concurrent data and information such as parameters and rules from design, processes, materials, calculations, tests and certification to provide a compelling solution.

DDL has more than 20 years of experience, handled hundreds of projects and has a proactive in-house research department. Our network of collaboration with international researchers (Europe, USA, Asia) have helped us to complete major projects in aerospace, aeronautics, railways, navy and nuclear programs both for civil and military applications. We provide end-users the most "green", cost efficient and innovative multi-material based composite solutions.

## Kineco

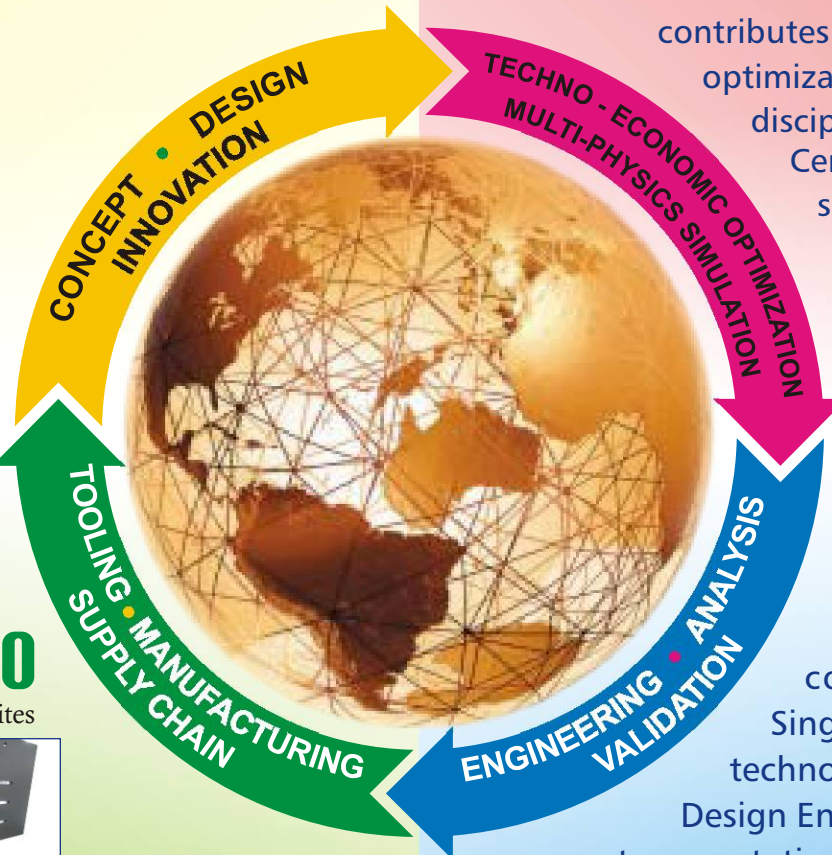
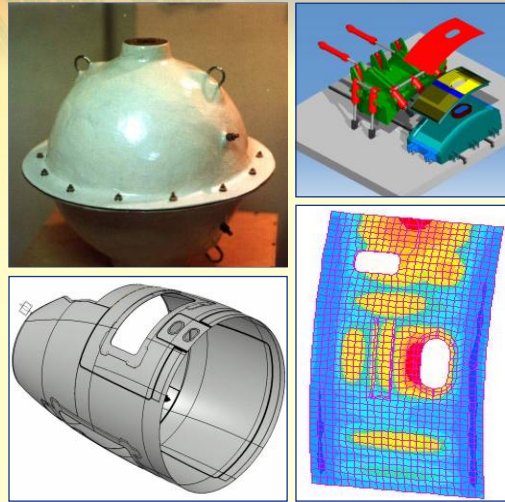
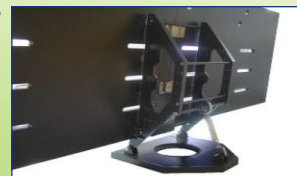
Kineco is a multi-dimensional composite manufacturer with a state-of-the-art process expertise which include resin Infusion, vacuum Bagging, RTM and VARTM. We manufacture composite structures by wet lay-up and Prepreg moulding process using reinforcements such as Carbon and Aramid with different Resin matrices. We also specialize in the manufacturing sandwich structure with a variety of structural cores and honeycombs.

The advanced composites division is equipped with a large Autoclave (5m x 2.5m) and curing Oven (4.4m x 2.5m x 2.5m). The in-house Product Development Centre will be equipped with a 5 Axis CNC Router(3.5m x 10m x 1.2m) capable of machining complex designs with a very high degree of accuracy. This allows us to offer our customers a facility for rapid prototyping and tooling supplemented with downstream mass production, all under one roof.

A decade of experience in design and manufacture of composite products catering to diverse needs of the customer in the sectors of Telecommunication, Transportation, Medical diagnostics, RF equipment, Chemical and Water treatment has given Kineco a strong platform to extend this expertise to Aerospace and Defence sectors.

## KINECO

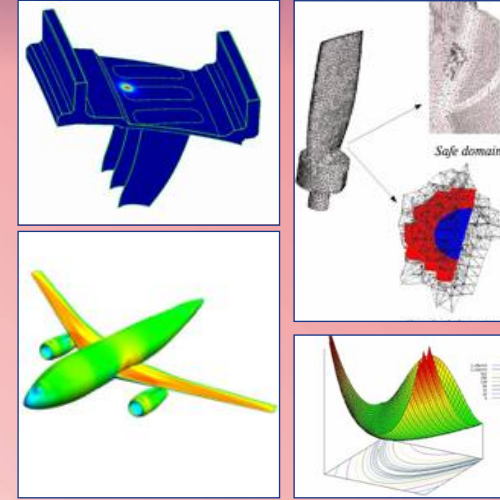
world of composites



## Cenaero, Belgium



CENAERO is the Belgian Center of Excellence in numerical simulation technologies and CAE. The team is composed of 45 engineers specialized in numerical methods, material sciences, virtual manufacturing, computational fluid dynamics (CFD), multi-disciplinary optimization and high performance computing (HPC). CENAERO is also hosting the most powerful HPC centre of the country, with a capacity of 6 teraflops.



CENAERO is the preferred technology partner of leading Aerospace industries and contributes to their success by providing innovative techno-economic design optimization tools. CENAERO proposes high-end engineering services in all CAE disciplines with proven success and return on investment."

Cenaero's customers come from Aerospace, Defence, and Transportation sectors.

### Core Technologies:

- Virtual manufacturing
- CFD multiphysics
- Multiscale material modeling
- Multi disciplinary optimization



## Digiprotek Inc.

Digiprotek a transnational company with offices in USA, Singapore and a state of the art technology center in Bangalore delivers Design Engineering solutions for the defence, transportation and material handling industries; Digiprotek is strategically located to serve its customers in the most efficient and cost effective way. Through an alliance with global partners and ready access to a network of domain experts and service partners, we bring the right mix of quality, reliability and a history of delivering performance.

The portfolio of services we offer in the area of Product Design & Engineering Solutions broadly fall into...

- Product Engineering / Re engineering
- Analysis, Modeling & Simulation of Solid Surfaces
- Drafting & Detailing of 2D/3D drawings and objects
- Technical Documentation / Multimedia kits
- Validation and testing of final product.

