To save time and to be in support of projects, we help our customers in their technical approach:

- **Nidaplast composites** shares its years of experience to provide support in the structural pre-dimensioning of your composite elements. Our engineers are all well-seasoned in dimensioning, drawing on both analytical and numerical methods for composite structures. Our engineers carry out the pre-dimensioning of structural sandwich elements using powerful finished products.

- Thanks to a high-performance laboratory, our engineers help your design team select the right sandwich composite materials for your applications and approve the mechanical resistance on specific testing machinery.

- Our engineers are seasoned in the use of nidaplast products in the main manufacturing techniques such as hand lay-up, spray lay-up, resin transfer moulding and infusion. We work closely with your design and production teams to manufacture the first prototype, and to optimise production costs and tailor our offer to your requirements.

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**Nida-kits : Pre-cutted honeycombs pieces**

Nidaplast is now equipped with new machinery for custom-cutting of nidaplast honeycomb elements: Nida-kits. Nidaplast supports its customers from technical study, design and prototyping through to the final production. **nidaplast composites** now offers a comprehensive service with straight cutting of 5 to 50 mm thicknesses.

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**SUSTAINABLE DEVELOPMENT**

As a leader and benchmark player, **nidaplast** has been innovating in the field of **sustainable development**. Being lightweight, products require little energy and raw material during manufacture. They are designed to make lightweight **structural sandwich panels** resulting in fewer CO2 emissions during use, for example in the haulage sector. **Nidaplast** is fully committed to this environmental approach and is ISO 14001 certified.

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The information provided herein can be used as a guide for use of the product, but must not be considered to guarantee proper installation. However, the application, use and/or processing of products are beyond our control, and consequently the installer, user or end consumer will be fully responsible for this work.
Nidaplast composites is the inventor of extruded polypropylene honeycomb cores. This recyclable material is eco-friendly, requiring little energy during manufacture and shipping. The high mechanical properties of nidaplast honeycombs are well-suited to the production of structural sandwich panels.

Mainly used in the production of large elements, these sandwich structures have been used for more than 20 years in a host of sectors to build: Yacht decks and bulkheads, Trucks and body panels, Cladding panels for use in construction, and manufactured goods such as water treatment tanker covers. nidaplast composites work closely with the customer from design through to delivery, in order to provide the best techno-economic solutions for structural applications. These partnerships have proven that nidaplast composites is the ideal partner for wind turbine development.

Nidaplast composites bring its own long experience and its unique know-how in nacelles supplying a wide range of products adapted for each process engineering.

The Nidaplast honeycomb core combines all the benefits of polypropylene sandwich panels with traditional or innovative thermosetting processes.

Nidaplast composites are thus fully compatible with all the nacelles’ sandwich parts for flat, curved and pre-cut surfaces.