

corimatec



SOLUTIONS BEYOND BOUNDARIES

CORIMATEC offers worldwide industrial solutions combining technical expertise and reliability for aerospace, space, transport, medical, nuclear, luxury, art, and design sectors.

The mission of CORIMATEC is to support its customers on all or part of their production process. This is the reason why we invest regularly in new methods, new technologies and in the training of our staff.

Since 2017, CORIMATEC has set up a horizontal organizational structure to promote openness and inclusiveness, which has led to a culture of information sharing, mission sharing and commitment in a supportive environment.

The employees of CORIMATEC are driven by a passion for their profession. They are committed, motivated and equipped with strong skills enabling the production of innovative, reliable and highly efficient products.

Our ambition:
to accelerate the growth of CORIMATEC with the integration of additional activities to cover more of our customers' needs.



Vincent Belorgeot
President of CORIMATEC

Additional activities
to tailor services
to customers'
requirements.

CORIMATEC offers
industrial solutions
in design, tooling,
complex parts and
electrolytic deposition.



ENGINEERING



PARTS



TOOLING



COATING



EQUIPMENT



Applicati

Engineering Services with a specialisation in surface generation and mechanical engineering. We assist our clients with their requirements for production tooling with the assistance of our project managers. We offer the service of having our engineering staff at our customer's site.

OFFER

- ▶ Tooling for production
- ▶ Moulds for composites
- ▶ Tooling for inspection

MEANS

- ▶ Catia V5
- ▶ Solidworks
- ▶ Creo

PCM Engineering is a joint-venture between CORIMATEC and PCM Innovation, a Canadian company employing 250 people, including 40 engineers with vast experience in tooling.

 **PARTS****ELECTROFORMING - COMPOSITE**

We manufacture metallic parts in copper and nickel by electroforming. Electroforming is the process of depositing several millimeters of a pure metal (nickel or copper) on to a master. The deposited metal is then demolded to obtain the part.

This process enables the manufacturing of geometrically complex parts that are difficult to achieve with traditional processes.

- ▶ Large and Small dimensions
- ▶ Thickness from μm to several mm
- ▶ Variation in the deposited thickness achievable
- ▶ Prototypes or series
- ▶ Rough surface or mirror polished
- ▶ Possibility of non-destructive control

We manufacture composite parts by autoclave to meet the following requirements:

- ▶ Tool approval
- ▶ Prototypes
- ▶ Small series production

 **TOOLING****COMPOSITE TOOLING MANUFACTURING**

With over 50 years of experience, our tooling department offers a full range of tooling for molding, assembly and handling solutions.

We design and manufacture tools in nickel, composite, steel, invar or aluminium according to your requirements. Silicone vacuum bag will enable you to industrialize the vacuum process while reducing your wastes significantly..

- ▶ Lay-up tools
- ▶ RTM tools
- ▶ Resin infusion tools
- ▶ Handling tool
- ▶ Silicone vacuum bag
- ▶ Caulplate
- ▶ Trimming tool
- ▶ Assembling tool
- ▶ Electroforming tool

on sectors



Coating

TECHNICAL DEPOSIT to improve, or to add, mechanical properties:

- ▶ Mechanical and impact resistance
- ▶ EMC, conductivity, electromagnetic shielding
- ▶ Abrasion, erosion, and fire resistance

Compatible materials: 3d prints, plastic, composite, metal (stainless steel, aluminum, steel...)



Smart Metal Design

DECORATIVE METALLIZATION to give a metallic look to a part:

- ▶ Cold touch
- ▶ Weight increase
- ▶ Higher perceived quality
- ▶ Smoothing of metal cast parts (bronze, aluminium)
- ▶ Precious metal finishes

We are distributors of equipment that will assist you in the manufacturing of composite parts and tooling.

Our partners



- ▶ Vacuum pumps
- ▶ Dosing and injection machines
- ▶ Silicone vacuum tables
- ▶ Vacuum Hoses
- ▶ Cured and uncured silicone
- ▶ Teflon



Key dates

1973 Setting up of Corima Technologies

1997 Specialization in electroforming

2009 Large electroforming dimensions

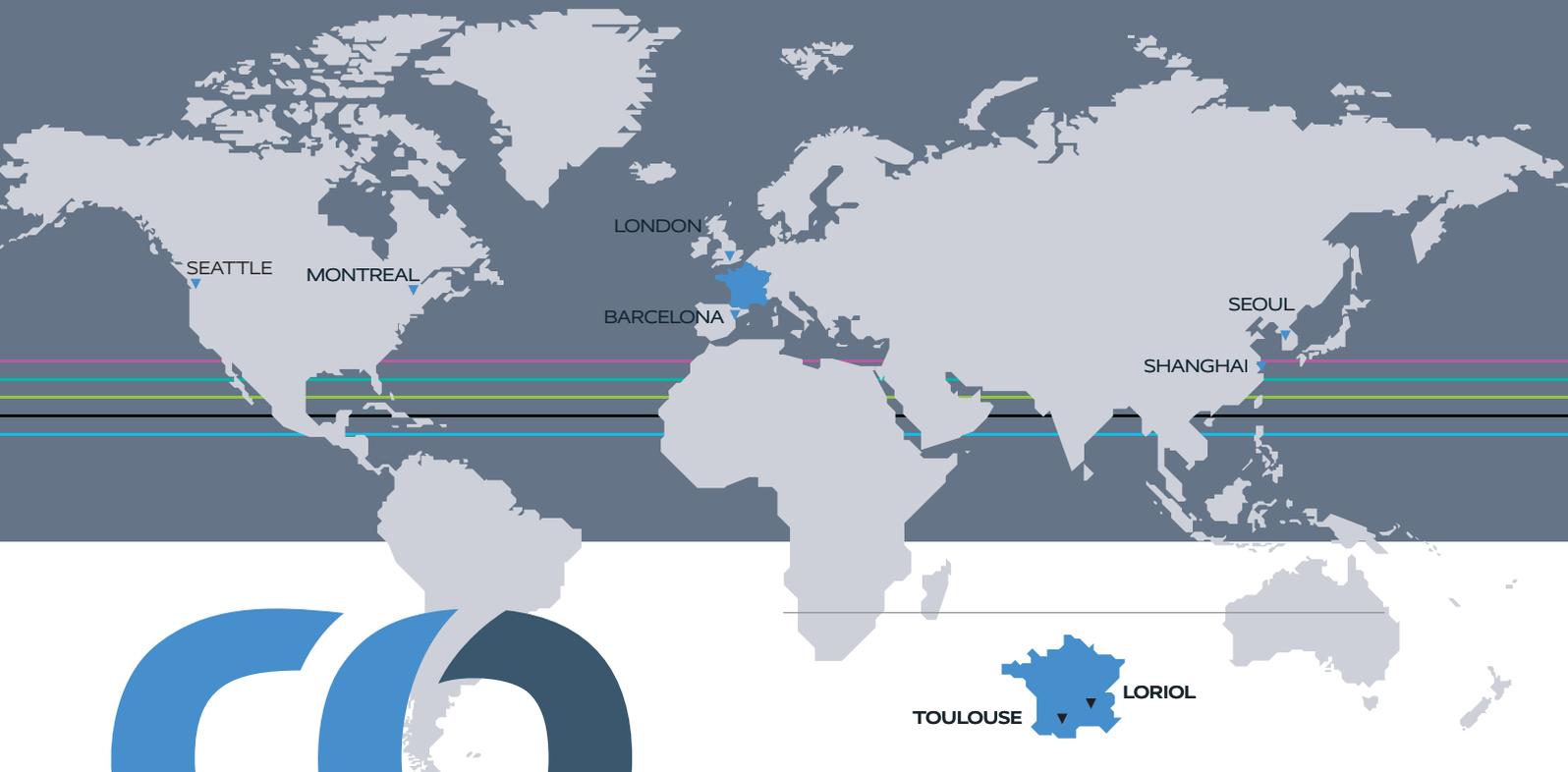
2010 ISO 9001-2015 certification

2015 Setting up of Smart Metal Design

2017 New site in Toulouse Aerospace

2019 Setting up of PCM Engineering

2021 Setting up of CORIMATEC group



CORIMATEC - Head Office
840 Chemin de Chabanne
26270 LORIOL - France
Tél. +33 (0)4 75 63 80 05

CORIMATEC - Toulouse Aerospace
12 Avenue Didier Daurat
31400 TOULOUSE - France
Tél. +33 (0)5 32 09 69 04

E-mail : info@corimatec.com
www.corimatec.com

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