

PROJECT

## **INNOTOOL 4.0**

### **INNObative RTM TOOLing FOR CFRP primary structural parts**

**Funding:** European (Horizon 2020)

**Duration:** Apr 2019 - Mar 2021

**Status:** Complete

**Total project cost:** €1,070,582

**EU contribution:** €748,707



**Call for proposal:** H2020-CS2-CFP08-2018-01

[CORDIS RCN : 221226](#)

#### **Objectives:**

For complex shaped and high performance CFRP structures the metal moulding tools currently in use are complex, heavy and expensive. The project aims to develop robust, wear resistant, lightweight, low cost tooling with integrated dynamic controlled electrical heating system, that is suitable for high pressure resin injection processes and complex shaped products

#### **Parent Programmes:**

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

**Institute type:** Public institution

**Institute name:** European Commission

**Funding type:** Public (EU)

**Other programmes:** JTI-CS2-2018-CfP08-SYS-02-50 Innovative RTM tooling for CFRP primary structural parts

#### **Lead Organisation:**

##### **Techni-Modul Engineering**

**Address:**

ZAC DE PERACHE  
63114 COUDES  
France

**Organisation Website:**

<http://www.ordimoule.eu/english.html>

**EU Contribution:** €613,345

#### **Partner Organisations:**

##### **Isojet Equipements Sarl**

**Address:**

Boulevard Des Nations 14  
69960 Corbas  
France

**EU Contribution:** €135,363

#### **Technologies:**

**Technologies:**

Manufacturing processes  
Adapt CPS modular production technique to aluminium  
moulds

**Development phase:** Research/Invention

**STRIA Roadmaps:** Vehicle design and manufacturing

**Transport mode:** Air transport

**Transport sectors:** Passenger transport, Freight transport

**Transport policies:** Other specified

**Geo-spatial type:** Other