

COMPOSITES IN BRITTANY

Summary

2017 Data







STUDY CONTEXT AND METHOD

This study was conducted in collaboration with the Composite Bretagne network, as part of the missions entrusted to Bretagne Développement Innovation for the composites sector. The goal is to map the competencies of the composites sector in Brittany, to estimate its economic weight and to identify levers for growth.

Actors have been identified over several years through collaborative work with the members of the Composite Bretagne network, the Chambre Régionale des Métiers et de l'Artisanat, the Institut Maupertuis, the ENS Rennes and Bretagne Loire University.

The data presented below are based on the results of a survey conducted in the autumn of 2018 to 147 stakeholders identified in the sector. 86 replies were received, a response rate of 58%. The decision was made not to extrapolate the data and to remove extreme values.

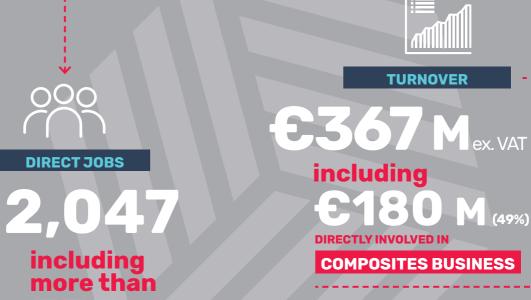
Scope of the Study

The composites sector includes manufacturers of composite parts and sub-assemblies, manufacturers of composite production equipment, producers of raw materials and consumables, service providers, end users and distributors. The scope defined is the same as that used by JEC Group, in their international directory.

2017 KEY FIGURES A FAST-GROWING SECTOR



BASED ON 86 RESPONDENTS



(36%) **DIRECTLY INVOLVED IN**

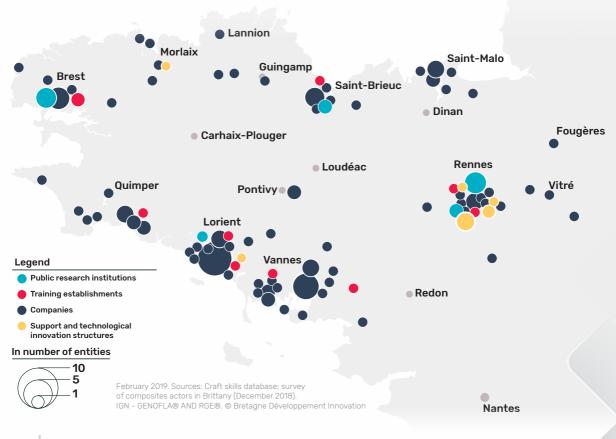
COMPOSITES BUSINESS

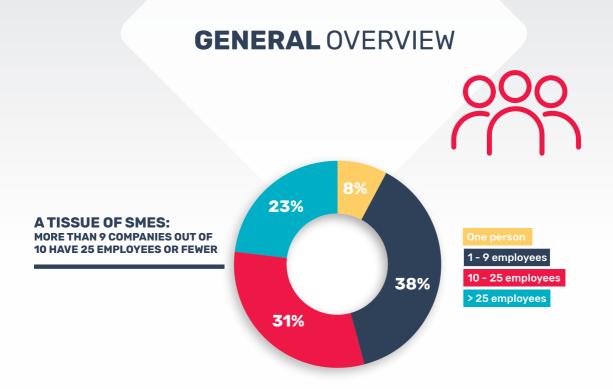
+5% in 2018

TURNOVER

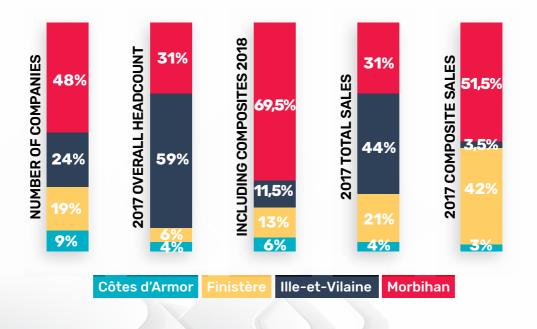


DISTRIBUTION OF 147 ACTORS IN THE REGION



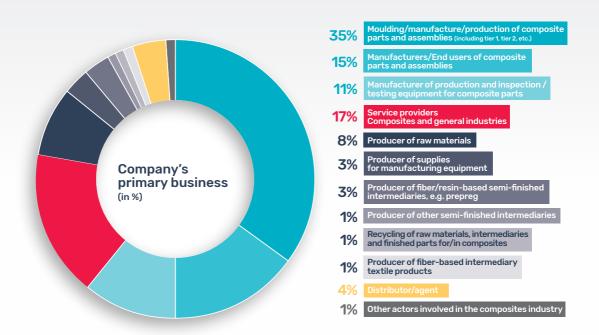


VARIABLE ECONOMIC WEIGHT DEPENDING ON THE DEPARTMENT

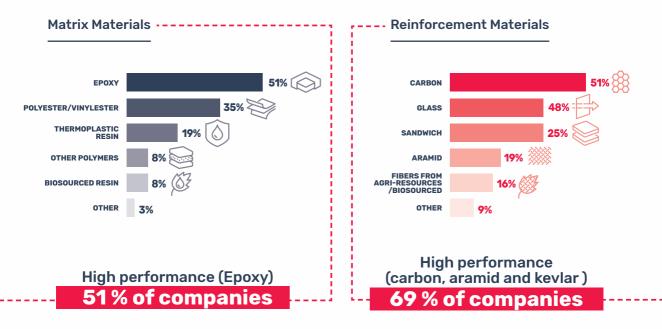


A COMPLETE VALUE CHAIN

WITH CONCENTRATION ON MOULDING AND MANUFACTURING ACTIVITIES

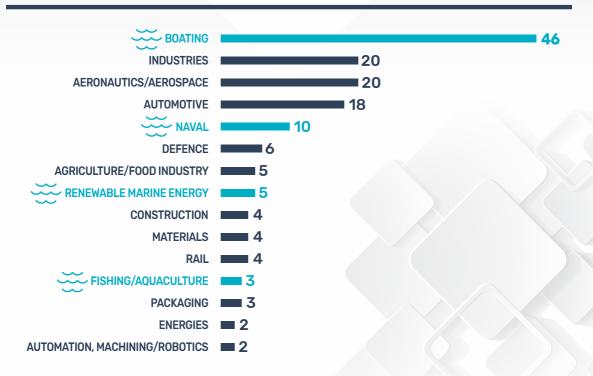


A WIDE VARIETY OF MATERIALS USED WITH PREDOMINANCE OF HIGH-PERFORMANCE (IN % OF NUMBER OF MENTIONS)



IN BRITTANY, MARITIME AND COMPOSITES NAVIGATE TOGETHER

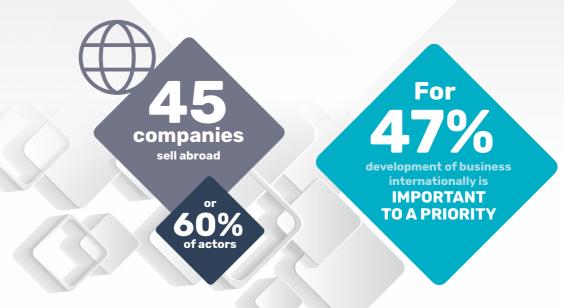
MAIN MARKETS IN WHICH COMPOSITES COMPANIES ARE PRESENT (SEVERAL RESPONSES POSSIBLE, BY NUMBER OF MENTIONS)



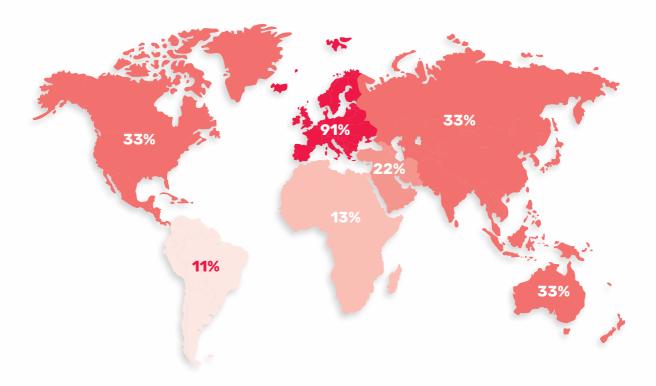
BOATING AND COMPETITIVE SAILING, EXPERTISE AT THE SERVICE OF OTHER INDUSTRIES

Area de la companies Industries Industries Industries Boating/ competitive sailing 4.6 companies Aeronautical Competitive sailing Companies Aeronautical Competitive sailing Companies Aeronautical Competitive sailing Companies Compan

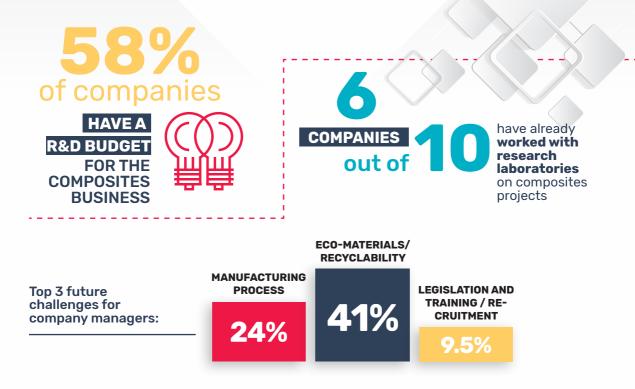
THE SECTOR INTERNATIONALLY



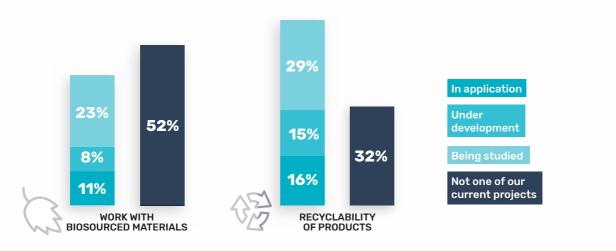
PRESENCE ON THE 5 CONTINENTS (45 EXPORTING COMPANIES)



R&D, ENVIRONMENTAL PRACTICES AND MANUFACTURING PROCESS, STRUCTURING ISSUES



TOWARDS MORE ENVIRONMENTALLY-FRIENDLY PRACTICES



THIS STUDY WAS FINANCED BY



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COMPOSITE BRETAGNE

This summary can be downloaded from www.bdi.fr

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