





**EXTRACTHIVE**  
waste



EXTRACTHIVE  
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 @Extracthive  extracthive

EXTRACTHIVE  
IS SPECIALIZED IN  
THE RECYCLING  
AND VALORISATION  
OF INDUSTRIAL WASTE

 **EXTRACTHIVE**  
Creating value from waste



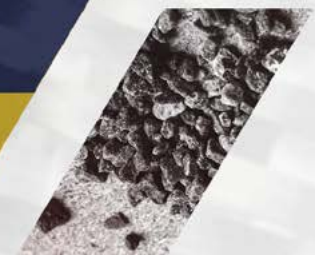
**EXTRACTHIVE**  
Creating value from waste

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**WE**  
SUPPORT YOU

from the diagnosis up to  
the identification of the  
recycling industries through  
the development of recycling  
technologies

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— OUR KNOW-HOW IN  
 — THE VALORISATION  
 — OF WASTE ALLOW US  
 TO OFFER A FULL RANGE  
 OF SUPPORT

MAKING  
 INNOVATION WORK  
 FOR SUSTAINABLE  
 ECONOMY



^ Our PHYre® pilot-scale process to recover carbon fibers from composite materials

^ PHYre® reclaimed carbon fibers



^ Our laboratory dedicated to the development of recycling solution

## ANALYSIS

We have access to fully equipped analytical platform that helps us to identify and analyze your waste in order to develop the most suitable solution for your needs.

^ Black mass from End-of-Life batteries



## DIAGNOSIS

Thanks to a wide range of skills in mineral processing, extractive metallurgy, organic chemistry and chemical engineering, our team identify existing industrial treatments depending on chemical composition, volume of waste, industrial constraints and potential applications.

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## WASTE

We have an expertise on a large range of industrial wastes like: mine tailings, industrial waste water, metallurgical waste and composite materials.

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## DEVELOPMENT PROCESS

Most promising treatments are tested at laboratory scale, and when necessary at pilot scale, to prove their technical and economic feasibility. If successful, pilot scale optimization could be carried out to design and implement industrial equipments.

# CREATING VALUE FROM WASTE

Decrease of Supply Risk  
 Decrease of CO<sub>2</sub> footprint and the environmental impact  
 Offer affordable raw materials

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## RECYCLING INDUSTRY

We help our customers to integrate existing recovery channels or identify all the resources (regulatory and technical) they need to implement an innovative solution and create a new recycling industry.

THE INDUSTRY IS FACING EVER MORE STRINGENT ENVIRONMENTAL REGULATIONS AS WELL AS GROWING EXPECTATIONS REGARDING THEIR SOCIAL IMPACT.

In this context, Extractive has identified the recycling of industrial waste as a key to increase the material efficiency and limit the environmental footprint of the European industry. Therefore, Extractive assists industrial operators in the recycling and/or valorization of their wastes and by-products.