



BLACK CYCLE

Move to the green revolution

ABOUT THE PROJECT

Officially launched in May 2020, the BlackCycle project has a consortium formed by **12 partners from 5 different countries** (Orion, Ineris, Quantis, Icamcyl, Aliapur, CSIC, CPERI/CERTH, Sisener, Pyrum, Estado, Hera, and Axelera) and is led by the French world leader in tire manufacturing Michelin. **This project aims to enable a massive circular economy of tyres.** This European project funded by Horizon 2020 (project number : 869625) will design world-first processes to make new tyres from end-of-life tyres.



TO MAKE NEWS TYRES FROM END-OF-LIFE TYRES



LAUCHED
IN MAY
2020



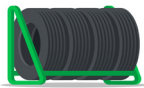
BLACKCYCLE PARTNERS WILL DEMONSTRATE THE TECHNICAL, ENVIRONMENTAL AND ECONOMIC VIABILITY OF THESE CIRCULAR PROCESSES.



THANKS TO BLACKCYCLE, IT IS EXPECTED THAT 1 OUT OF EVERY 2 END-OF-LIFE-TYRES WILL BE INCORPORATED INTO THIS NEW CIRCULAR VALUE CHAIN.

The BlackCycle project aims at creating, developing, and optimising a **full value chain form ELT feedstock to Secondary Raw Materials (SRMs)**, with no waste of resources in any part of the chain and a specific attention for the environmental impact.

After 18 months of existences, the consortium has announced the **world's first production of sustainable carbon blacks**, a major technological breakthrough and an important step towards a more sustainable ruber industry.



These SRMs will be used to develop new ranges of passenger car and truck tyres, which will be sold commercially in European and global markets. Today, more than half of European end-of-life tyres are exported to far-off countries.



BY OFFERING AN ECONOMICALLY AND ENVIRONMENTALLY VIABLE ALTERNATIVE, BLACKCYCLE WILL REDUCE WASTE EXPORTS.

By relocating end-of-life tyre management and transformation within the EU, BlackCycle is expected to create **sustainable jobs** inside EU. The project adds value to existing European industries and is not expected to generate negative impact on any other European business.



THE BLACKCYCLE project is based on a unique European public-private partnership that gathers all the necessary competencies along the circular value chain TO ENSURE ITS SUCCESS.