

## EDITO

**WhiteCycle** began twelve months ago, the dynamic and motivated team has made great strides toward the project's goal of closing the loop for complex waste containing PET. It is with great pride that I welcome the WhiteCycle community to discover the consortium's latest results in this newsletter.

We are glad to share some of the consortium's technical results with you in this second newsletter ! Studies to evaluate environmental and economic impacts are also progressing in parallel.

**WhiteCycle will hold its first dissemination workshop on the 28th of November at Michelin R&D center in Clermont-Ferrand (France).** It will be a great opportunity to share the latest results of the project with actors working toward textile sustainability beyond the consortium.

**Join us!**

Sébastien NOEL  
WhiteCycle Coordinator - MICHELIN



## 1st DISSEMINATION WORKSHOP



**Where:** Michelin R&D center in Clermont-Ferrand (France)

*More information are coming...*

## SUCCESS STORY

### Launch of the First French industrial pilot for automated sorting and fiber separation of end-of-life textiles

Synergies TLC and Les Tissages de Charlieu joined forces to create Nouvelles Fibres Textiles, an innovative and unique pilot line in France that can automatically sort and separate end-of-life clothing as a function of color and composition, while removing hard-points, such as buttons and pre-fraying clothing.

[learn more](#)



## LET'S DISCOVER THE DIFFERENT PROJECT'S PARTNERS !

The consortium is composed of 16 european partners and their different fields of expertise. This edition completes our analysis of WhiteCycle's brand owners with Mandals and moves on to waste identification and sorting partners with Synergies TLC and IRIS.



### Focus on MANDALS

MANDALS is one of the world's most recognized manufacturers of lay-flat hoses and looms. Based in southern Norway, 85% of their production is exported, and their products are found across the globe thanks to their long-standing partners and distributors. Continuous development and innovation have led to the production of a broad segment of lay-flat hoses for various industries worldwide.

[learn more](#)

### Focus on SYNERGIES TLC

Synergies TLC innovates alongside manufacturers, waste management companies, clothing brands and public institutions to develop new solutions for automated sorting and local recycling of end-of-life textiles and footwear to create secondary raw materials for various industries.

[learn more](#)



### Focus on IRIS TECHNOLOGY

IRIS Technology is Europe's leading engineering company in the manufacture and integration of turnkey photonics and artificial intelligence solutions. IRIS provides real-time monitoring solutions with NIR technology, Raman spectroscopy, hyperspectral technology and machine vision for the food, pharmaceutical, chemical, plastics and wood industries, among others.

[learn more](#)

## ABOUT WHITECYCLE



### WHITECYCLE'S PRELIMINARY RESULTS - 2023

The WhiteCycle consortium's close teamwork is yielding very promising results toward its goal of producing the world's first tyres, lay-flat hoses and clothing from the same waste-streams, which are very complex PET-containing, multi-material circular resources that remain as-yet unexploited.

[learn more](#)



### WHITECYCLE DEVELOPS SYNERGIES WITH 17 PROJECTS ACROSS EUROPE IN ECOSYSTEMX

With 17 R&I EU-funded member projects focusing on textile sustainability, ECOSYSTEMX, the European Community of Practice for a Sustainable Textile Ecosystem was formally launched in early 2023, with a mission to accelerate collaboration in the textile sustainability and circularity field.

[learn more](#)

## HIRING

**Axelera is hiring for WhiteCycle.** Come join a dynamic network of about 400 members at the crossroads of chemistry and eco-technologies in order to help promote and attract funding for emerging technologies.

[learn more](#)



## AGENDA

- 10<sup>th</sup> – 13<sup>rd</sup> October 2023: POLLUTEC, Lyon, France

[Find out more](#)

- 19<sup>th</sup> – 20<sup>th</sup> October 2023: First ECOSYSTEMX Conference, Barcelona, Spain

[Find out more](#)

- 07<sup>th</sup> – 10<sup>th</sup> November 2023: ECOMONDO, Rimini, Italy

[Find out more](#)

### THEY TALK ABOUT US !

*This section will be to share the different press articles about the project.*

[Press release](#)

### SUBSCRIBE TO WHITECYCLE COMMUNITY !

You want to follow the progress of the project. Subscribe to our biannual newsletter !

[Subscribe now !](#)

Follow us on Social Media  
#WhiteCycle

