

EXPLORING & SUPPORTING EMERGING CIRCULAR VALUE CHAINS & PARTNERING UP

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THE CAR INDUSTRY IS GOING THROUGH PROFOUND CHANGES... AND SO ARE THE TIRE MARKETS.

4 major structural trends. Solutions that accompany...





TOWARD A FULLY SUSTAINABLE TIRE

Michelin has set itself an unprecedented innovation challenge

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The Group is committed to acting at each stage of the tire life cycle, from the choice of raw materials to tire recycling solutions.

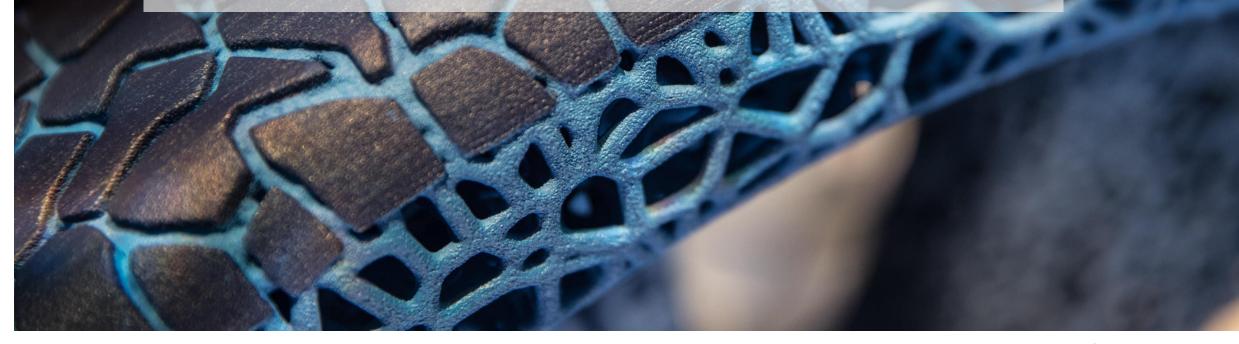




2050

100% RENEWABLE & RECYCLED MATERIALS

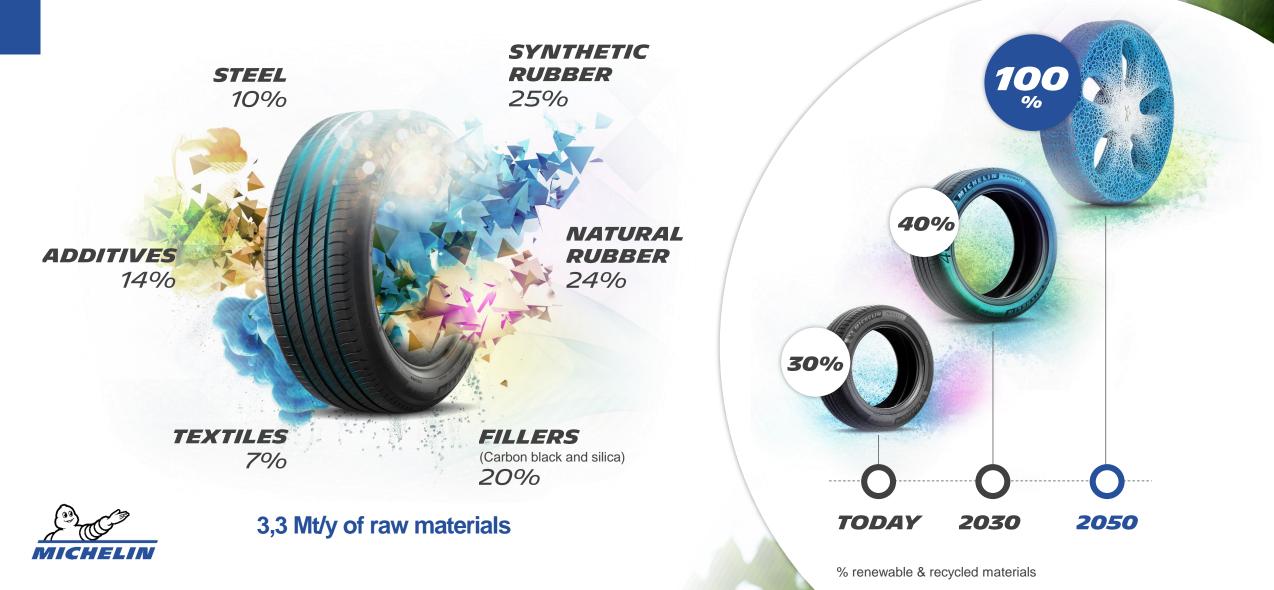
Breakthrough technologies in the field of bio-based or recycled materials





WE ANTICIPATE SIGNIFICANT HURDLES IN REALIZING OUR GOALS FOR RENEWABLE AND RECYCLED MATERIALS

On the way to 100% renewable & recycled materials : how we commit, take action, and pave the way ?



AT MICHELIN, WE CLAIM CORPORATE ROAD MAP FOR EVERY MATERIAL CATEGORY

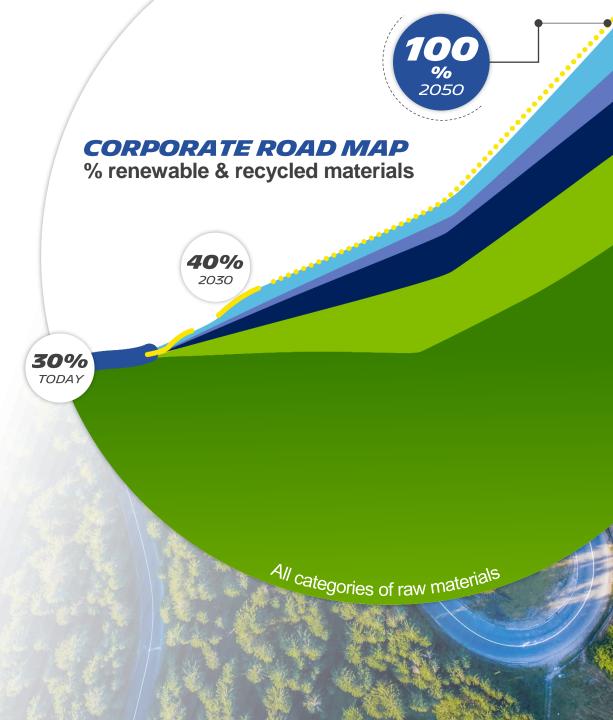
WHAT WE WANT?

Reduce our environmental impacts by

- Preserving non-renewable & recycled materials
- Integrating renewable & recycled materials
- Selecting materials with less environmental impacts (Life cycle analysis)

HOW WE PROVE?

- with Corporate commitment to reach 40% Renewable
 & Recycled Materials in 2030 and 100% in 2050
- with a Corporate roadmap with annual corporate communication
- With no promise at individual tire level to prefer acceleration at the corporate level





ORCHESTRATE THE CIRCULAR CHALLENGES OF MICHELIN WITH OUR INTERNAL & EXTERNAL PARTNERS

DO-Solutions for Materials Circularity Missions:

Create partnerships & alliances to support our circularity ambitions whilst minimizing investments & operational involvement

Support Emerging Value Chains

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Secure Renewable & Recycled Feedstocks





ELT: End of Life Tires

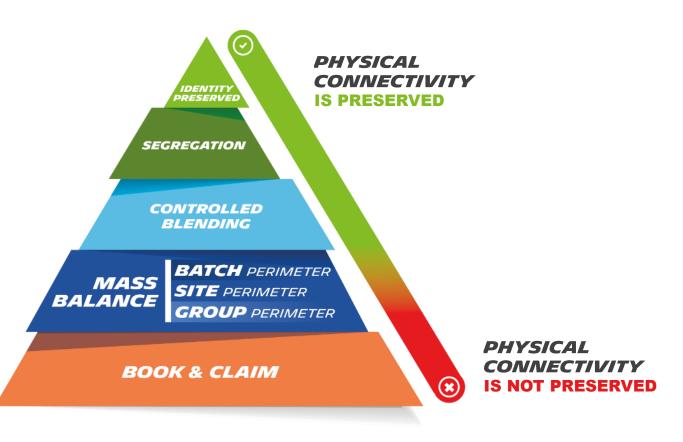
PREFER CHAINS OF CUSTODY THAT ENSURE PHYSICAL CONNECTIVITY

To support corporate claims & environmental transition

 To support our corporate claims to achieve the 100% renewable & recycled materials in 2050 (no credits)

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 To support the environmental transition towards structural changes by using synergy between mass balance(s) with physical connectivity & segregated chains of custody



(1) Chains

of Custody

(2) Renewable

Butadiene

(3) ELT

Pyrolysis



SUPPORT INNOVATION & EMERGING VALUE CHAINS Leverage our R&D

of Custody Butadiene

(1) Chains

(2) Renewable

(3) ELT Pyrolysis





SUPPORT INNOVATION & EMERGING VALUE CHAINS

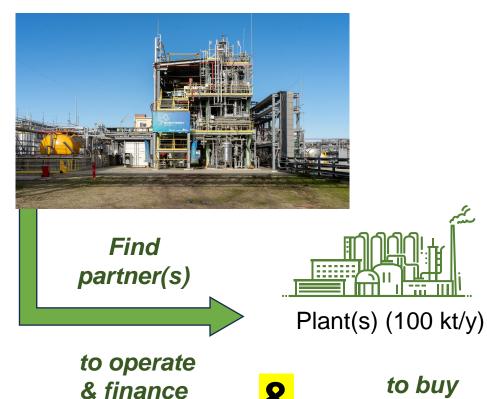
renewable

butadiene

We are looking for partner(s) to operate, finance & buy renewable butadiene

Pilot (20 t/y)

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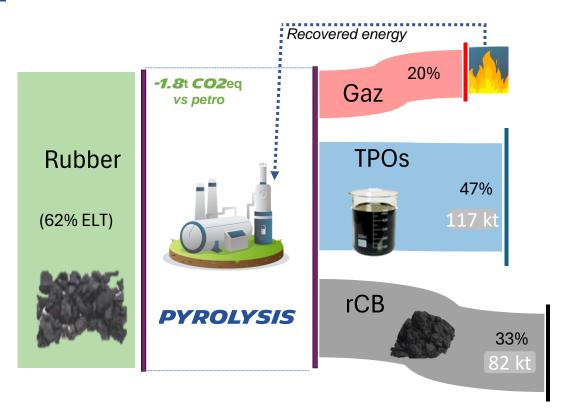
MICHEL



SUPPORT INNOVATION & EMERGING VALUE CHAINS

We have found Partners to Operate & Finance for ELT Pyrolisis

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Enviro

Michelin supported Enviro through :

- Venture Capital via shareholder participation
- Board Member





1st Plant in 2025 (Sweeden) 1 million tons of ELTs annually by 2030

Michelin supported the creation of the JV between Antin-Enviro

Offtake agreement



Create partnerships & alliances to support our circularity ambitions
 whilst minimizing investments & operational involvement

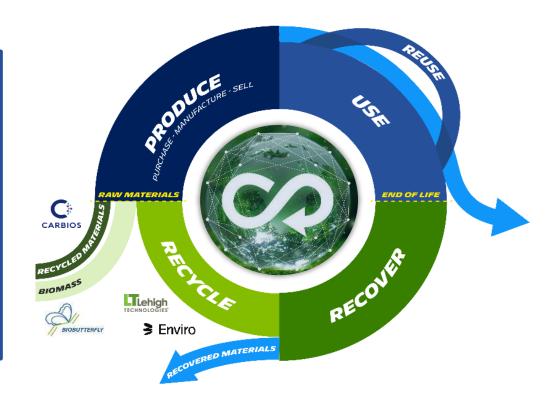
Support Emerging Value Chains

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Secure Renewable & Recycled Feedstocks

3 KEY LEARNINGS:

- We need to identify **options**, not solutions.
- Circularity requires a change of mindset to increase the value of emerging value chains, which means increasing the cost of materials.
- There are strong **dilemmas** between customer willingness to pay and societal expectations for brands.

















THANK YOU Q&A SESSION

