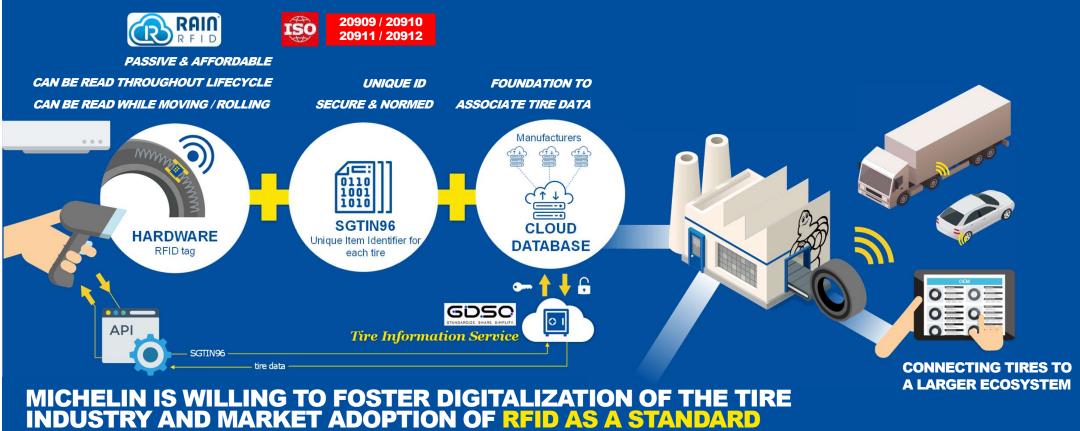


RFID IS A STRATEGIC ENABLER TO CONNECT TIRES TO A LARGER ECOSYSTEM AND BUILD DATA DRIVEN SERVICES



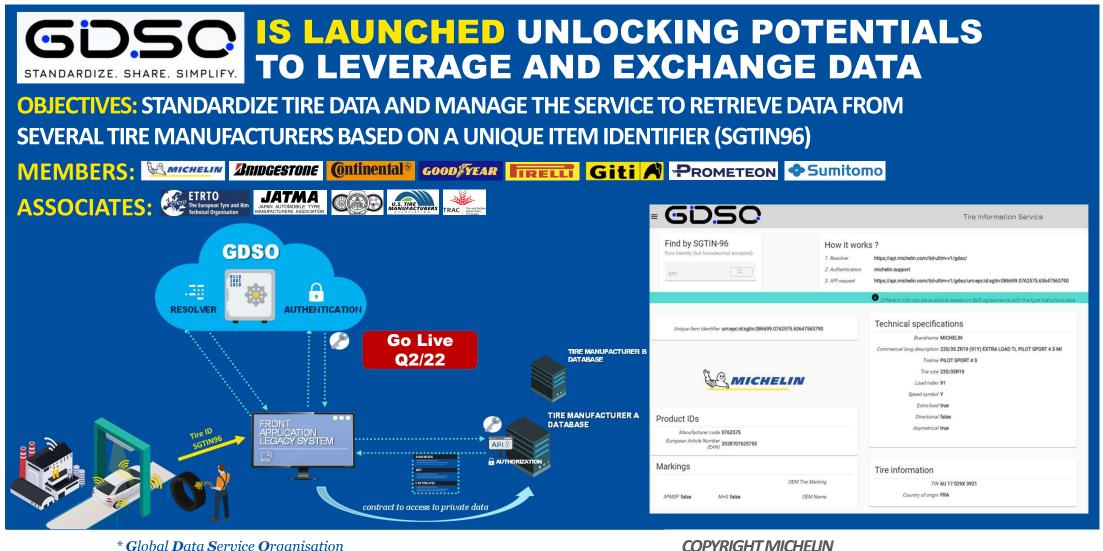
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Page 2



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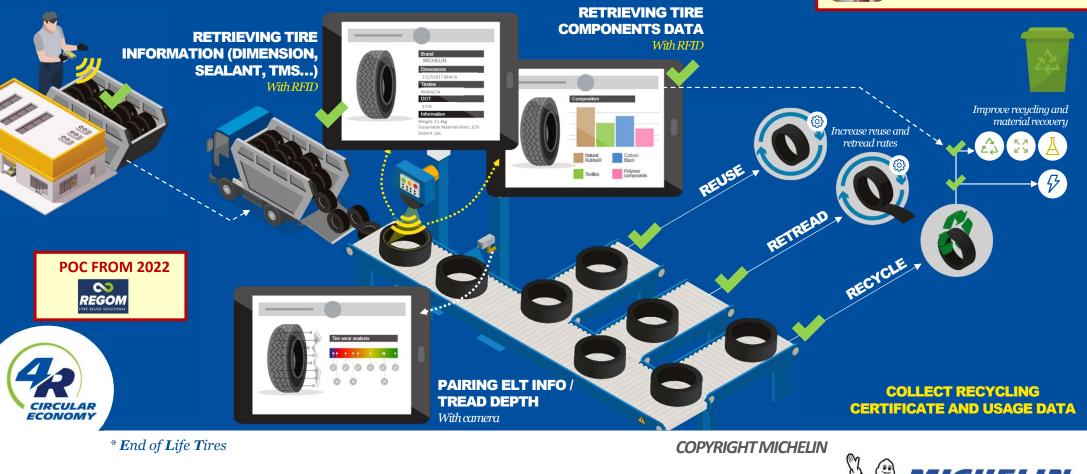
* Global Data Service Organisation for Tyres and Automotive Components TIRE IDENTFICATION – ELT SORTING

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Page 3



RFID WILL OPTIMIZE ELT* SORTING, IMPROVE CIRCULAR ECONOMY AND USAGE KNOWLEDGE



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Page 4



ESPR mandating a

DIGITAL PRODUCT

PASSPORT

igital Product

Passport

IN THE MEANTIME REGOM HAS DEVELOPED A VISION AI ANALYSIS SYSTEM TO START IMPROVING ELT SORTING



- Design, manufacturing, and sale of sorting machines for ELT and linked software
- R&D of tire reuse solutions
- Promotion for reusable tires
- Improve sorters' working conditions
 - Refine & optimize valorization
 - Adapt to tomorrow's market

5 years of R&D +1.5M tires tested Algorithm 100% internally developed

- ✓ industrial speed rate: 1 tire every 3s
- ✓ 800 tires analyzed per hour





A.I. decision-making based on analysis and recognition of :

- ✓ brand
- ✓ profile
- ✓ dimension
- ✓ remaining tread depth





ACTIVITIES

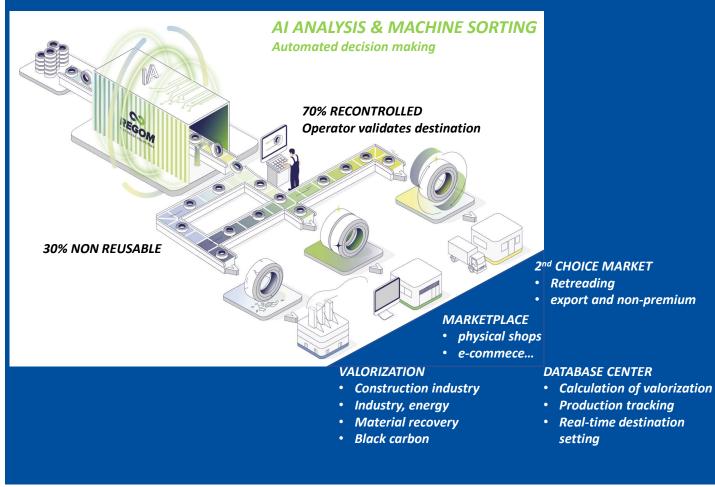
DBJECTIVES

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18/04/2023

Page 5



SORT YOUR TIRES TO MATCH THE RIGHT VALORIZATION OUTPUTS

Reuse

.

 \checkmark online and offline sales

- ✓ norms labels, quality controls
- Retreading
 - ✓ specific brands,
 - ✓ low remaining tread depth
- Material recovery
 - ✓ after shredding and granulation
- Pyrolysis
- Micronization
- Devulcanization



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18/04/2023

Page 6

RFID POC LAUNCHED ON TC58 ELT SORTING LINE

- RFID gate installed in November 2022 in addition to current REGOM AI analysis / sorting machine on conveyor
- Demonstrate RFID system capabilities on an ELT sorting line
 - ✓ environment integration
 - ✓ tire diversity: already > 80 MICHELIN references & 10 competitors' ones
 - ✓ real time connection









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Page 7

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CONCLUSIONS



Tire identification enables to optimize ELT sorting and improve value

REGOM solution based on vision AI analysis system already enables to automatize pre-sorting

Deployment of RFID tags in tires and RFID systems by ELT collectors will further unlock sorting potentials and support the development of new material recovery streams

Access to data linked to materials will certainly require an independent governance

A regulatory framework could ease the adoption within the tire recycling industry



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Page 8

