

BlackCycle Final Workshop

28th May 2024
Saarbrücken, Germany



9h – 9h15	Welcoming notes	Jean Michel DOUARRE Pascal KLEIN - Pyrum Simona MAASSEN - Orion
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9h15 – 12h35	BlackCycle, enable massive and viable circular economy of tyres	
9h15 – 9h35	Context and value chain of the BlackCycle project	Jean Michel DOUARRE & Margarita DORATO - Michelin
9h35 – 9h55	Innovative selective end of life tyre deconstruction	Thomas SIMONELLI - Michelin Alexander PROKEIN - Estato
9h55 – 10h15	Optimized pyrolysis process and distillation	Andreas KAPF - Pyrum Ignacio de PASCUAL SAMPER - Sisener
10h15 – 11h15	Coffee Break & Networking	
11h15 – 11h40	Production of high quality secondary raw materials : Sustainable carbon black and plasticizer	Celso MAGRI - Orion Marion SERVEL - Michelin
11h40 – 12h00	Closing the loop : secondary raw materials as direct replacement of fossil materials in new tyres	Jean-Philippe WEBER & Magali HEURTEFEU - Michelin
12h00 – 12h35	Viability of the value chain	Christina PAPADIMITRIOU & Augustin MILLION - Quantis Margarita DORATO - Michelin
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12h35 – 14h00	Lunch Break	
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14h00 – 14h35	Academic knowledge enhancement	
14h00 – 14h05	Introduction	Jean Michel DOUARRE - Michelin
14h05 – 14h20	Design and operation of a packed pilot scale distillation column for tyre pyrolysis oil : towards the recovery of value-added raw materials	Juan Daniel MARTINEZ - CSIC-ICB
14h20 – 14h35	Catalytic upgrading of the end of life tyre pyrolysis oil to increase the aromatic content	Eleni PACHATOURIDOU - CERTH-CPERI
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14h35 – 15h35	Making the tyre circular economy a success	
14h35 – 14h40	Introduction	Jean Michel DOUARRE - Michelin

14h40 – 14h55	Unlock regulatory constraints and accelerate value-chain deployment	Margarita DORATO - Michelin
14h55 – 15h20	Achieving social acceptance while ensuring health, safety, and environmental compliance	Jean-Philippe WEBER - Michelin Guy MALAIR & Céline DUPUIS - Ineris
15h20 – 15h35	Following initiative: WhiteCycle	Thomas SIMONELLI - Michelin
15h35 – 16h00	<i>Coffee Break</i>	
16h00 – 16h15	Conclusion: We're moved to the green revolution	Jean Michel DOUARRE - Michelin
16h15 – 17h00	<i>Networking</i>	