

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 – 12h40	BlackCycle, enable massive and viable circular economy of tyres	
9h15 – 9h20	Introduction Project Officer Blackcycle	Floriana La Marca – HaDEA European Commission
9h20 – 9h40	Context and value chain of the BlackCycle project	Jean Michel DOUARRE & Margarita DORATO - Michelin
9h40 – 10:00	Innovative selective end of life tyre deconstruction	Thomas SIMONELLI - Michelin Alexander PROKEIN - Estato
10:00 – 10h30	Optimized pyrolysis process and distillation	Andreas KAPF - Pyrum Ignacio de PASCUAL SAMPER - Sisener
10h30 – 11h30	Coffee Break & Networking	
11h30 – 11h55	Production of high quality secondary raw materials : Sustainable carbon black and plasticizer	Celso MAGRI - Orion Marion SERVEL - Michelin
11h55 – 12h10	Closing the loop : secondary raw materials as direct replacement of fossil materials in new tyres	Jean-Philippe WEBER & Magali HEURTEFEU - Michelin
12h10– 12h40	Viability of the value chain	Christina PAPADIMITRIOU & Augustin MILLION - Quantis Margarita DORATO - Michelin
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12h40 – 13h45	Lunch Break	
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13h45 – 14h20	Academic knowledge enhancement	
13h45 – 13h50	Introduction	Jean Michel DOUARRE - Michelin
13h50 – 14h05	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
14h05 – 14h20	Catalytic upgrading of the end of life tyre pyrolysis oil to increase the aromatic content	Eleni PACHATOURIDOU - CERTH-CPERI
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14h20 – 15h35 Making the tyre circular economy a success

14h20 – 14h25	Introduction to the Blackcycle deployment	Margarita DORATO - Michelin
14h25 – 15h05	Achieving social acceptance while ensuring health, safety, and environmental compliance	Jean-Philippe WEBER – Michelin Cédric PERBEN – Eastman Guy MALAIR & Céline DUPUIS - Ineris
15h05 – 15h20	Unlock regulatory constraints and accelerate value-chain deployment	Jean Michel DOUARRE - Michelin
15h20 – 15h35	Circular economy complementary 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>	