

PRESS RELEASE



MMEC **MANNESMANN**



May 17th 2019

Pyrolytec, MMEC Mannesmann and Black Bear are teaming up to develop a recovered Carbon Black (rCB) plant in Bitterfeld, Germany

- Shortly after MMEC and Black Bear announced their partnership, plans are under way to develop the next state-of-the-art waste tire upcycling plant.
- Pyrolytec has secured the location for the project; next step is financing.
- Pyrolytec and MMEC are pushing talks with investors

17.05.2019 PRIEN (GERMANY), DUSSELDORF (GERMANY) AND NEDERWEERT (THE NETHERLANDS) Pyrolytec GmbH as developer, MMEC Mannesmann GmbH (MMEC) as major Engineering, Procurement and Construction (EPC) contractor and Black Bear Carbon as technology provider, recently announced a strategic partnership to develop a large production plant in Bitterfeld, Germany.

Pyrolytec GmbH (Germany) is a rCB plant-developer and will act as the operating company for the targeted Bitterfeld-project and will develop the first continuously operating large industrial rCB plant in Germany with a planned throughput capacity of 40,000 tons of end-of-life tires per annum. Pyrolytec together with MMEC is currently working with the authorities on permitting, targeting the Bitterfeld-Wolfen Chemical Park. This is the first publicly announced project after MMEC Mannesmann and Black Bear signed a partnership agreement earlier this month.

MMEC Mannesmann (Germany) is well known for executing complex projects in the oil, gas, refining, chemical and renewables industries. The German General Contractor carries key expertise in executing turnkey projects starting from early project developments, feasibility studies, conceptual, basic and front-end engineering design up to detail design, procurement and construction.

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Black Bear (The Netherlands) is the leading company in recovering high quality carbon black (rCB) from end-of-life tires. Black Bear's rCB has been certified as the world's first Cradle-to-Cradle™ certified Carbon Black. Having developed and proven a unique carbonization process to transform used tires into valuable resources, today Black Bear's rCB is used as a substitute for furnace carbon black in tires, technical rubber goods, plastics, coatings, plastics and inks. Earlier this year, Black Bear was named as a Global Cleantech Top 100 company.

Every year, more than 2 billion tires reach the end of their lives. By developing a first large industrial continuous plant in Germany, Pyrolytec is making a significant contribution in solving the waste tire problem and preserving the valuable resources.

Florian Herzog, CEO of Pyrolytec:

“We are looking forward to cooperate with MMEC and Black Bear on this exciting project. Together we have all the right expertise for a successful execution.”

Oliver Apelt, CEO of MMEC Mannesmann:

“In view of our partnership with Black Bear we have full confidence in successfully developing the Bitterfeld project together with Pyrolytec and we are also planning to invest in the plant operating company.”

Joost Raimond, Construction Director of Black Bear:

“Our partnership with MMEC is rapidly gathering momentum as we are now already developing the Bitterfeld project.”

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