

## Tyre Recycling Solutions signs MoU with South Korean LD Carbon

***Significant technological synergies between South Korean LDC proprietary Green carbon black technology and Swiss TRS unique water-jet milling technology draw both players to sign a MoU for a first jointly owned TyreXol™ rubber powder processing plant in South Korea, with further ambitions to expand the relationship to the Asian continent.***

**Préverenges Switzerland and Seoul, Korea – August 29, 2023** – LD Carbon, an eco-friendly waste treatment and raw material recycling company which has developed a proprietary pyrolysis technology and TRS, a circular economy technology developer and integrator which offer global solutions to produce high-performance sustainable products from end-of-life tires, have announced that they have signed a Memorandum of Understanding for the implementation of a first factory to produce TRS' TyreXol™ rubber powders coming from the trs Water Pulse™ process. The remainder of End-of-life tires after TyreXol™ production is to be utilized by LDC to produce tire pyrolysis oil ("TPO") and high-quality recovered Carbon Black ("rCB") whose quality has already passed the assurance tests from various global tire manufacturers for commercial adoptions.

The new endeavor will enable the partners to crystallize major technical and commercial synergies as well as, for TRS, to bring production capacity to meet the pressing demand from TRS customers in Asia. Initially, the plant will process 25 ktpa end-of-life tires, yielding a volume of 5 ktpa TyreXol Water Pulse™ powder, which already passed quality assurance tests from global end customers such as tire manufacturers, who are accelerating commercial adoptions of TyreXol Water Pulse™ powder.

"We have been screening many companies globally which could enhance our product range and further differentiate the value-in-use which we bring to tire manufacturers. We are thrilled to collaborate with TRS. Not only are our technologies complementary, but they have a deep understanding of the market, and we share the same ethical and professional values," said Baek, Seong-Mun, CEO and co-founder of LDC.

Staffan Ahlgren, CEO and co-founder of TRS commented: "This collaboration is very important for developing additional real circular solutions for the tires and rubber industries. The collaboration is born from months of discussions which helped us develop a deep mutual respect. It will be an accelerating step enabling us to supply Asian clients regionally and focus on our water-jet technologies in priority."

### **About LDC**

LD Carbon Co., Ltd is an eco-friendly material industry company, which has developed leading technologies to produce green carbon black and pyrolysis oil from end-of-life tires. LD Carbon's tire pyrolysis oil and recovered Carbon Black have passed quality assurance test programs from some of the leading global petrochemical and tire

companies. LDC is building its first, mass-production pyrolysis factory, with 50ktpa end-of-life tire pyrolysis capacity in South Korea with deployment plan for the following plants in the other APAC region with prominent industrial groups.

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### About TRS

Tyre Recycling Solutions SA (TRS) has developed a toolbox of proprietary technologies to process end-of-life tires (“ELTs”) and deliver output products with significant higher value. The sustainable, high performance products are commercialized under the brand name TyreXol™. The cornerstones of the toolbox are rubber powder functionalization technologies, a unique water milling technology and intelligent compounding. trs Intelligent Compounding® opens the door to the formulation and production of high value applications, including compounds incorporating thermoplastics. TRS has established Recycling Partner factories in Spain and Turkey..

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Signing of a partnership MoU between the LDC and TRS teams, 22<sup>nd</sup> August 2023