



# PRESS RELEASE

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## Ricardo to design state-of-the-art engine family for China's YTO Group

- **New four and six-cylinder engine family will power YTO tractors and off-highway equipment**
- **Design will feature Ricardo's Twin Vortex Combustion System (TVCS) technology, meeting China Off-Highway Stage V emissions regulations and providing high fuel efficiency**
- **Marks the continuation of a longstanding collaboration with YTO Group – the new engines supersede the current product range, designed by Ricardo in 1980**

The project announced today will see Ricardo and YTO Group collaborate on a clean sheet design for a new four and six-cylinder diesel engine family. The new product will feature some of the latest combustions and emissions reduction technologies – including the highly successful Ricardo TVCS – with the aim of delivering best-in-class performance and fuel consumption.

The all-new engine will replace the existing LR105 series, a product originally designed by Ricardo as long ago as 1980 – and which remains one of the most successful agricultural vehicle engines in China, with annual production volumes exceeding 100,000. With a market launch early in the 2020s, versions of the new design will power YTO products including tractors, harvesters, and many other off-highway machines. In addition to supporting with the design of both four- and six-cylinder versions of the new engine, Ricardo will also lead calibration and mechanical development testing based at YTO's engineering facilities in China.

“Ricardo is extremely pleased to have been selected by YTO to support the design and development of this important new engine family,” commented Ricardo Asia president Gary Tan. “This new engine is intended to provide best-in-class performance and fuel consumption while achieving the latest China Stage V emissions regulations. I am confident that the new product will provide a worthy successor to its predecessor, which was also designed in collaboration with Ricardo – and which has proven to be one of China’s most successful agricultural power products.”



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## NOTES TO EDITORS:

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