

# PRESS RELEASE



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## **Ricardo wins contract with STX Engine to develop a new heavy duty engine for the defence sector**

*Ricardo's world-leading expertise in engine development and digital engineering will support the South Korean manufacturer's objective to deliver a high-efficiency new engine for the defence sector*

Ricardo, a world-class environmental, engineering and strategic consulting company, has announced that it has won a contract with STX Engine to develop a clean sheet engine for use in heavy duty military vehicles.

The South Korean Government has announced its intention to produce locally a new engine for the K9 platform. Ricardo has been contracted to support STX Engine, a leading engine maker for the global defence industry headquartered in South Korea, to design and develop a new competitive engine achieving the required performance and attributes for the K9 vehicle for future export project.

Using its wide-ranging experience in designing and developing high power military engines in use across the world, Ricardo will apply its award-winning high efficiency and low smoke combustion system experience to ensure that the new engine can meet the desired high power density, with desired fuel consumption and durability targets.

For the project, Ricardo will use its expertise in simulation and analysis to optimise product design and component selection, and its manufacturing expertise to understand and guide the impact on manufacturing. Ricardo's objective is for the new engine to integrate seamlessly with the K9 vehicle for future export project, forming a drop-in replacement to enable production of the engine in South Korea to resolve barriers relating to export licences, without the need to modify the vehicle interfaces.

Teri Hawksworth, President of Ricardo Automotive and Industrial EMEA said: "We are delighted to have won this contract to support STX Engine, continuing our long and successful working relationship. We are proud that our engineers' considerable expertise in engine development will help to deliver a best-in-class product which will help to drive performance and efficiency targets."

As part of the contract, STX Engine will embed engineers within the Ricardo engineering development team to facilitate knowledge transfer, helping to accelerate future new product development.

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## About Ricardo

Ricardo plc is a world-class environmental, engineering and strategic consulting company listed on the London Stock Exchange. With over 100 years of engineering excellence, we provide exceptional levels of expertise in delivering leading edge and innovative cross sector sustainable products and solutions, helping our global customers increase efficiencies, achieve growth and create a cleaner and safer future. Our mission is clear -- to create a world fit for the future. For more information visit [www.ricardo.com](http://www.ricardo.com)

## About STX Engine

STX Engine is one of the top engine makers globally for defence industry engines (military tanks and self-propelled artillery, naval vessels, patrol ships for coastguard) in South Korea. We are focused on increasing our overall competitiveness of general diesel engine and marine engines, maintaining perfect quality, and providing world-class core technology as a global top engine company. For more information visit <http://www.stxengine.co.kr/eng/>

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