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For immediate release

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Yokohama Rubber's ADVAN tires to come factory-equipped on the new Lexus RZ BEV

Hiratsuka, Japan—The Yokohama Rubber Co., Ltd., announced today that it is supplying its ADVAN V61 tires to Lexus for use as original equipment (OE) tires on the new RZ, the Lexus brand's first dedicated battery electric vehicle (BEV), which was launched in Japan and other countries, including in Europe and Asia, from this March. The RZ is being fitted with 235/60R18 103H front tires and 255/55R18 105V rear tires.

The ADVAN V61 is a high-performance tire under the ADVAN brand, Yokohama Rubber's ultimate tire brand. ADVAN V61 tires contribute to the intuitive connection between car and driver to realize the exhilarating driving sensation the RZ is designed to deliver to drivers. In addition to contributing to a comfortable and stable ride, ADVAN V61 tires are highly wear resistant and display exceptional hydroplaning resistance. The tread pattern contributes to a smooth and quiet ride by suppressing noise and significantly reducing rolling resistance. The ADVAN V61 was developed using Yokohama Rubber's proprietary HAICoLab^{*1}, an AI-based development framework that aims to foster new discoveries and digital innovation by merging human inspiration and creativity with AI's enormous data processing capability. In particular, to achieve the highly quiet ride demanded of EVs, an optimal pitch sequence was obtained using evolutionary computation (genetic algorithms), one of the technologies incorporated in HAICoLab. The innovative technologies applied in development of the ADVAN V61 are based on new knowledge obtained by collecting actual data and virtual data generated by simulations and then using AI's predict, analyze and search functions.

Under Yokohama Rubber's three-year (2021–2023) medium-term management plan, Yokohama Transformation 2023 (YX2023), the consumer tire business aims to maximize the sales ratios of high-value-added YOKOHAMA tires. One of the key initiatives under this strategy is expanding sales of ADVAN and GEOLANDAR tires as original equipment on new cars. Yokohama Rubber also believes that adoption of its tires as OE on premium EVs will require that its tires be based on highly reliable technologies. Accordingly, the Company will continue responding to the dynamic changes in automobiles by leveraging its involvement in motorsports and EV race car development to develop more advanced tire technologies.

*1 An acronym for Humans and AI collaborate for digital innovation



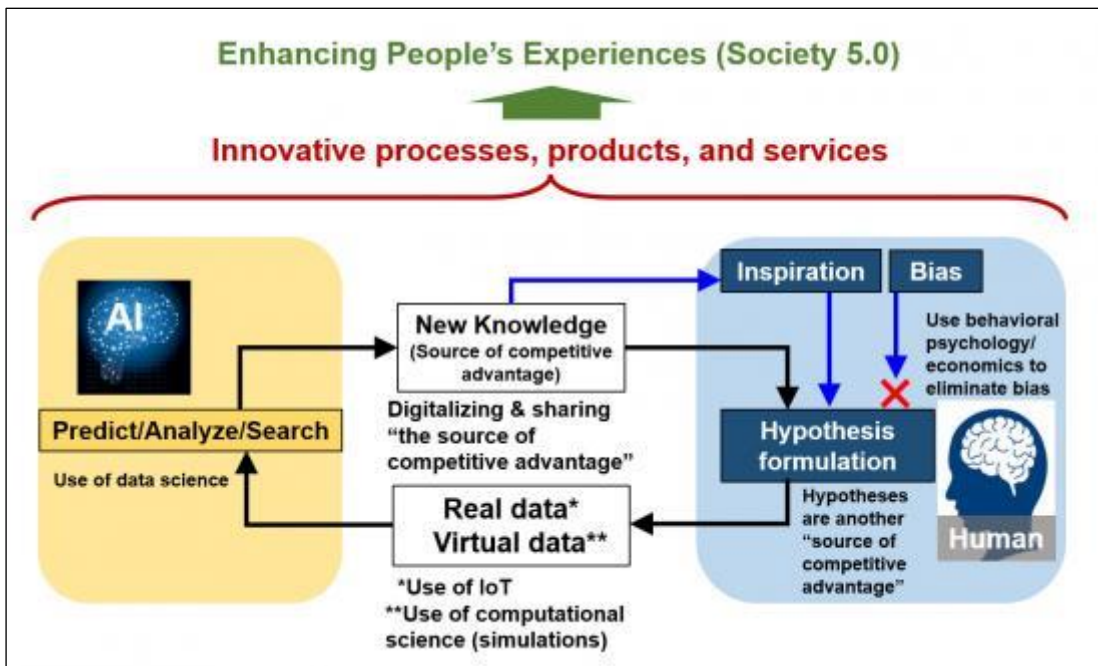
ADVAN V61

*Tire shown in photo differs in size from those installed on the new RZ



The new RZ

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HAICoLab conceptual diagram