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NEWAGE

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NEWAGE is a direction-sensitive direct dark matter search experiment. NEWAGE uses a micro-TPC with a detection volume of 30 by 30 by 41 cm³ read by one of the MPGD variations, μ -PIC. We have been performing underground measurement since 2013 with a new detector NEWAGE-0.3b'. The results from 430 days' measurement will be presented. In order to improve the sensitivities, we are developing a low-radioactive μ -PIC and a negative-ion TPC and its readout electronics. These recent activities to improve the sensitivity will also be reported.

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