

**Session Title: CO<sub>2</sub> Utilization**

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The reduction of CO<sub>2</sub> has been steadily progressing around the world due to mainly the installation of renewable energy in the power sector. On the other hand, since there are areas where CO<sub>2</sub> reduction is more difficult, such as industrial sector, the hurdles to achieve zero emissions are still high, and Carbon Capture and Utilization (CCU) is highly expected. While many CCU-related technologies are actively developed in the world, the R & D portfolio is important for its early implementation and contribution to CO<sub>2</sub> reduction. NEDO has been developing technology strategies, and planning and managing strategy oriented projects. Based on this experience, we will evaluate CCU-related technologies and discuss their issues and portfolios.