

**Session Title: Negative Emission Technologies**

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**Abstract title: Maturation of CO<sub>2</sub> removal technologies and markets**

Over the past 2 years, technologies that deliver CO<sub>2</sub> removal have matured and entered the market at small scale. Dozens of new companies are following, including approaches as diverse as direct air capture, biomass carbon removal & storage, and carbon mineralization. This is matched by maturation of the voluntary carbon markets, which have grown more sophisticated in assessing durability and quality of CO<sub>2</sub> removal, and with compliance markets, which are beginning to recognize the full portfolio of CO<sub>2</sub> removal technology option. Much more investment and growth of ALL approaches is essential to meet compelling climate goals.