



Centre for
Process Systems Engineering

Development of a Novel Natural Gas Processing Technology Utilizing CO₂

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Understanding its responsibility toward both the environment and its own people, the state of Qatar has invested tens millions of dollars in research activities on CO₂ utilization and conversion. One such flagship 'Exceptional' project of Qatar National Research Fund (QNRF) is was awarded to my group on the Dry Reforming of

Methane (DRM). My research group is leading a significant effort in this project to overcome the challenges posed by DRM at multiple scales, right from molecular-level catalyst design to overall process integration. This project represents a unique collaboration between industry and academia.