

Realization of a low carbon society through game changing technologies

Energy-saving design of C1 chemistry by low-temperature reforming

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Summary :

- Utilization of low temperature waste heat for methane reforming will contribute to the reduction of CO₂ emission (100 M ton).
- To achieve the low-temperature methane reforming, facet-controlled oxygen nano-carriers synthesized by SCF method are employed.
- Through the technology assessment, novel energy-saving methanol production system will be designed.

