## Carbon Dioxide pipeline transportation design

<u>양시엽</u>, 이 웅, 임영섭, 정영수, 김정남, 한종훈\* 서울대학교 (chhan@snu.ac.kr\*)

As Carbon Capture and Sequestration technology has been researched and developed, lots of process has been estimated. Among carbon dioxide transportation technologies, pipeline is one of the attractive alternatives because critical point of the carbon dioxide is near the ambient temperature so that its phase is changed to supercritical fluid easily by adding pressure. Economic analysis shows that in the few hundreds kilometers pipeline is superior than ship transportation which needs additional refrigeration process. In this presentation, efficient compression and dehydration system design is showed and its application possibility is considered.

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