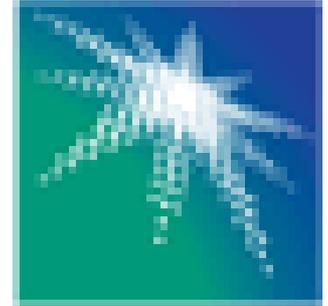


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أرامكو السعودية
Saudi Aramco



Feasibility of CO₂ Capture from Mobile Sources

Dr. Esam Hamad
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DEER 2012

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Post-Combustion CO₂ Capture from Mobile Sources

-Separate CO₂ from the exhaust stream and store it onboard the vehicle

- CO₂ Capture
 - Solid Sorbent
- Densification & Storage
 - Cool, Compress, and Store Recovered CO₂
- Energy Recovery
 - Utilize typically wasted energy to power the process

