

Evaluation of new technology for carbon capture in industry

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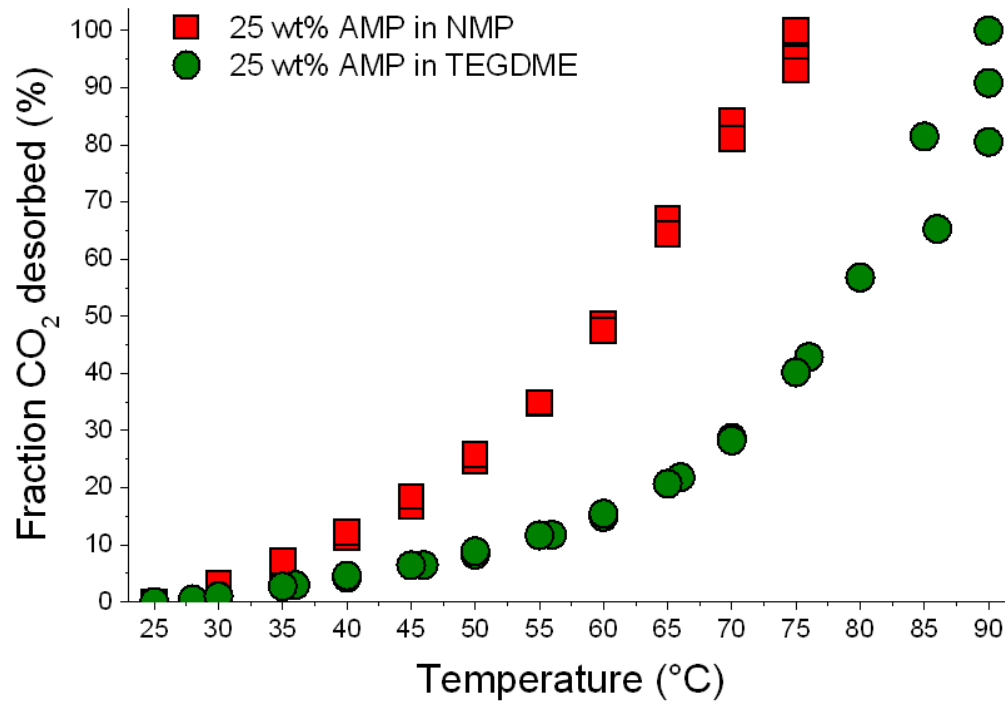
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Objective:

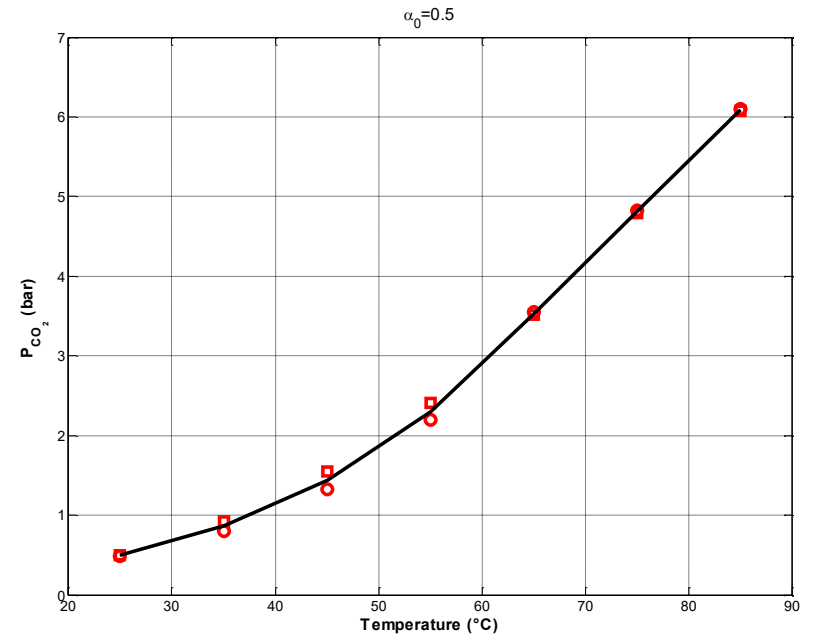
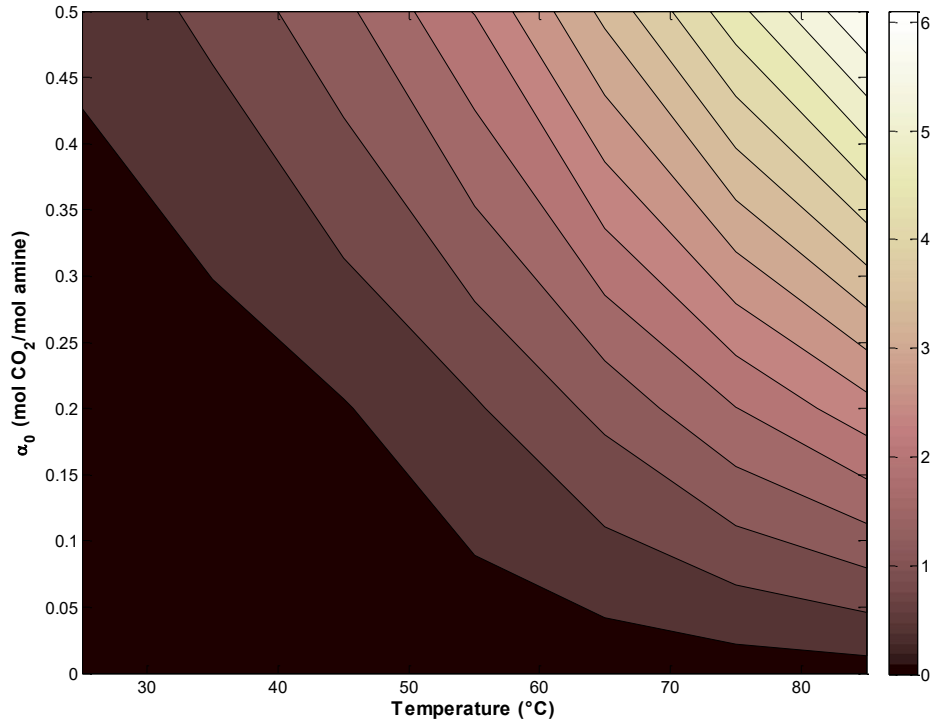
- Map available excess heat in different industry sectors in Sweden
- Evaluate possible amount of captured CO₂ using available excess heat and compare with the standard MEA amine
- Compare with other uses for the available excess heat

New technology for CO₂ capture

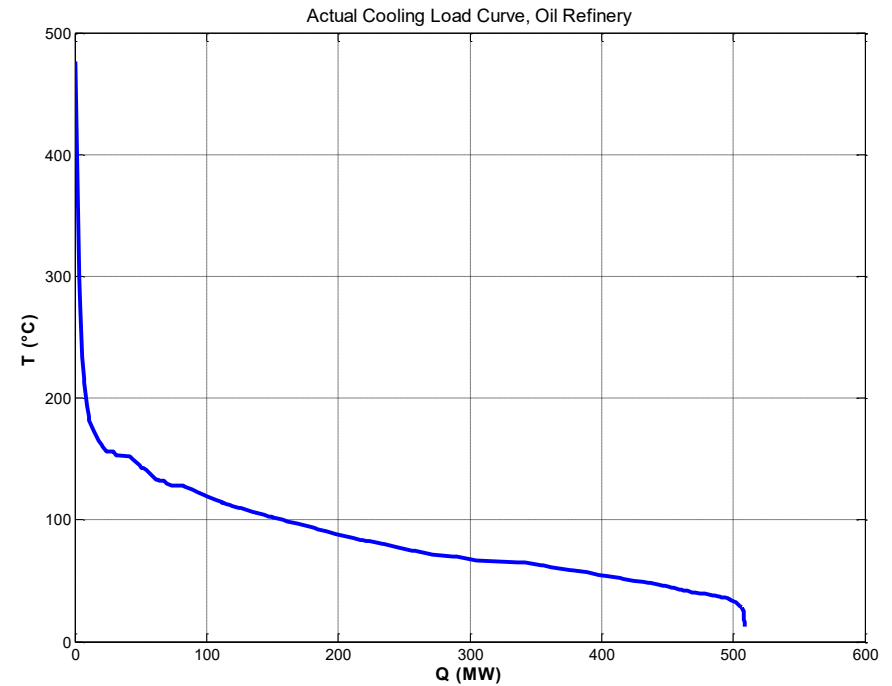
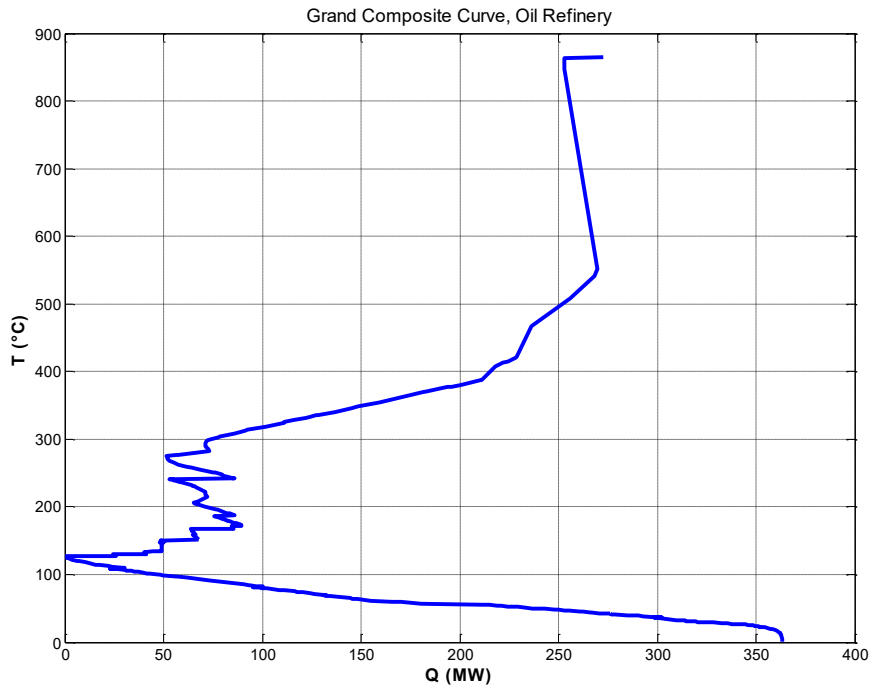
Desorption temperature



Pressure vs regeneration temperature



Oil refinery



Dissemination of results

Techno-economic evaluation of the new technology for CO₂ capture compared to other uses of available excess heat

- Industry
- Policy makers – support measures
- Public