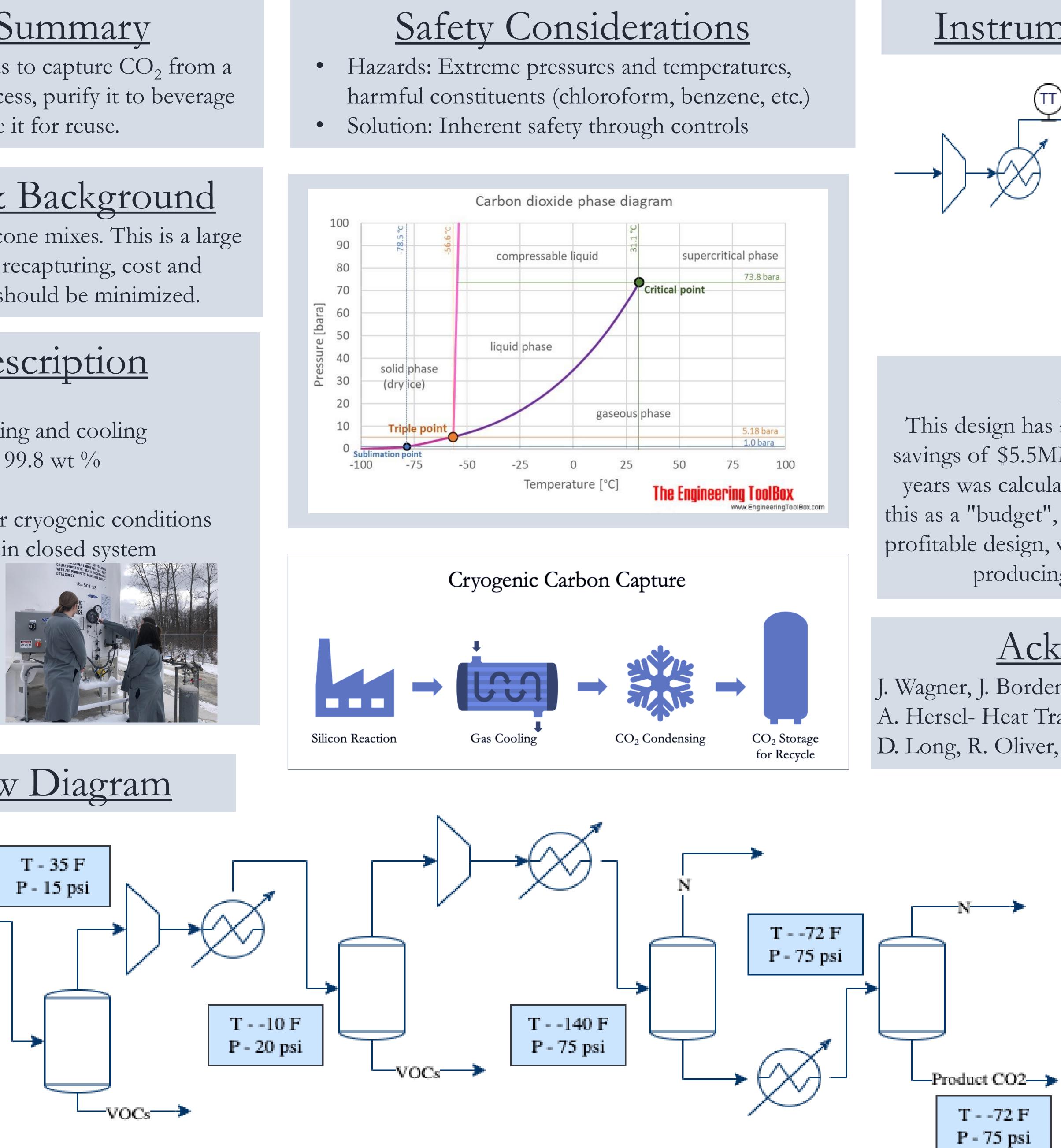
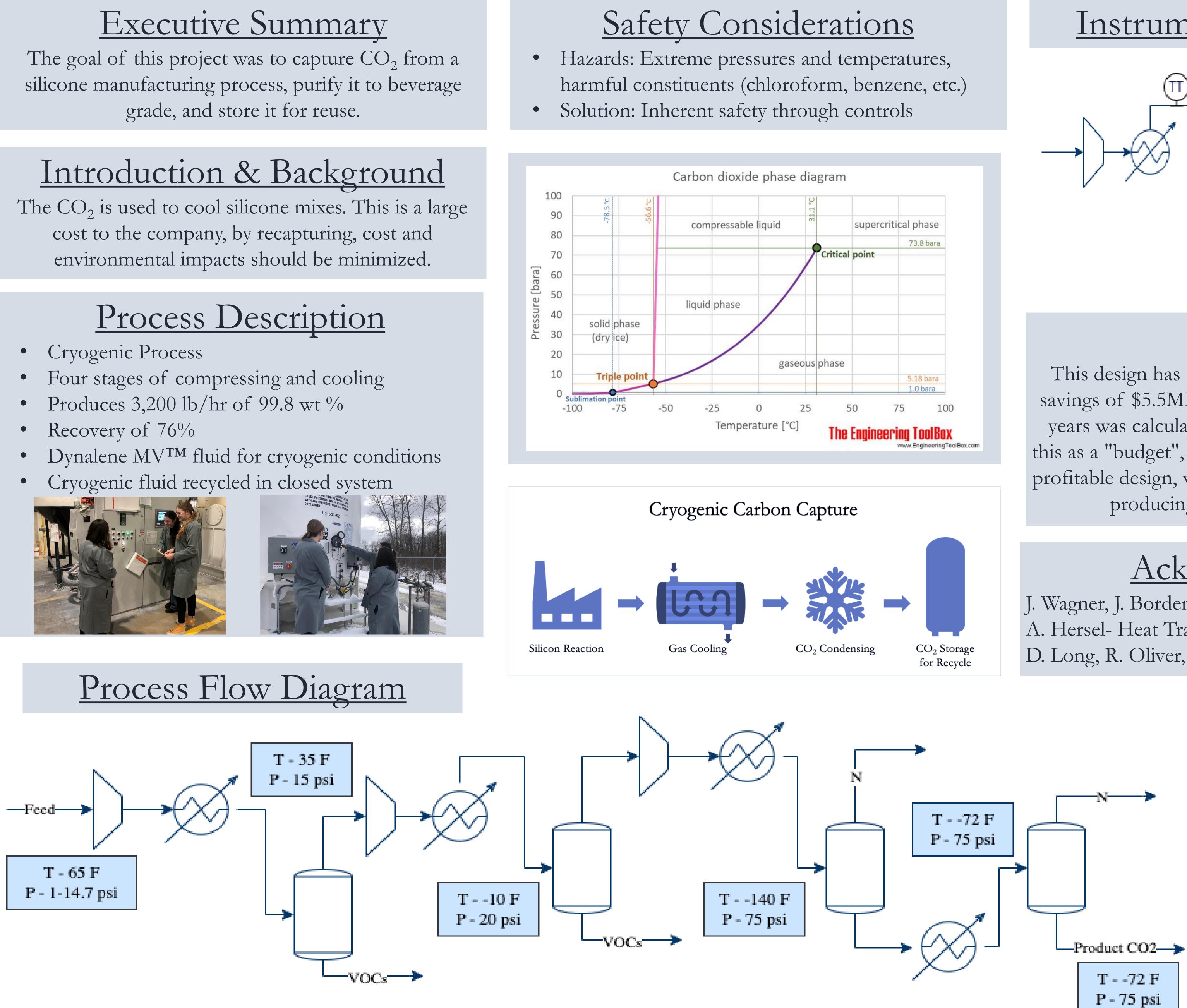


grade, and store it for reuse.

cost to the company, by recapturing, cost and environmental impacts should be minimized.



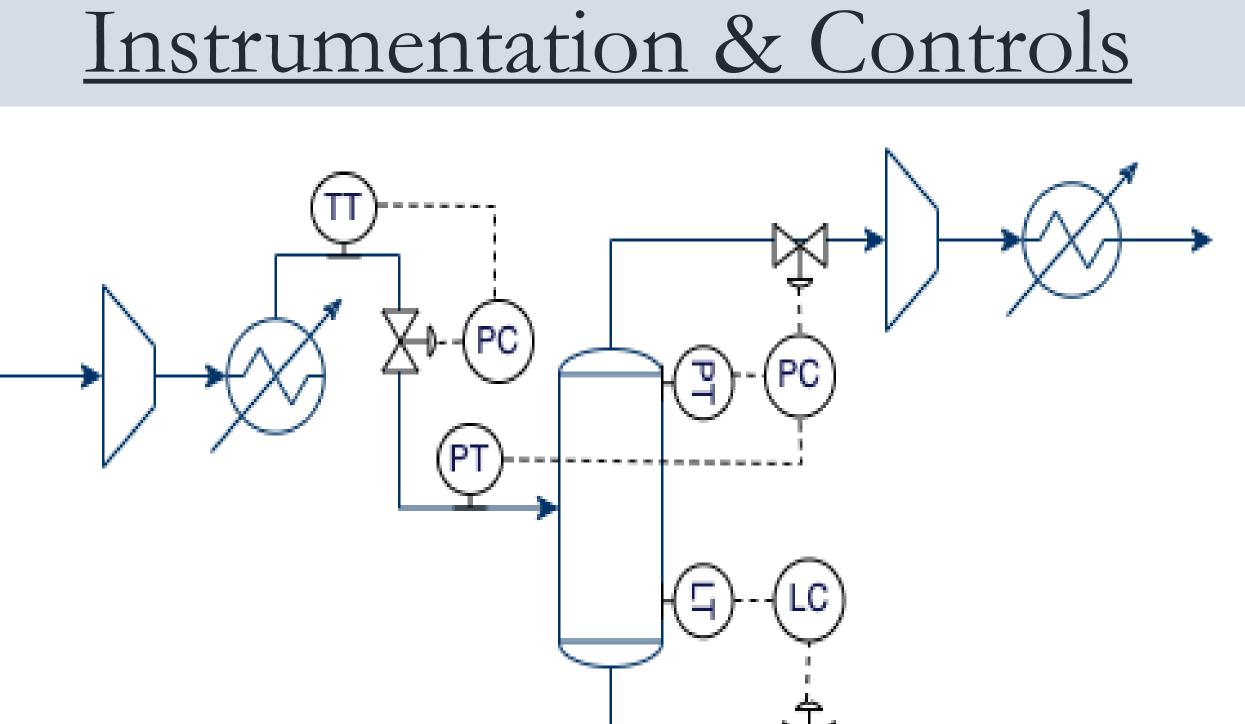




From Waste to Worth: CO₂ Recycling

Presented By: Elizabeth Curtis, Ellen Goff & Meg Yerrington McKetta Department of Chemical and Bioprocess Engineering





Conclusions

This design has a total FCI of \$6.3MM. An estimated savings of \$5.5MM with an interest rate of 10% over 25 years was calculated based on current CO₂ cost. Using this as a "budget", the design is over by \$800K. To make a profitable design, we recommend the company investigate producing their own liquid CO_2 onsite.

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The Team

