



Combined H₂S and CO₂ Removal Process for Upgrading Biogas

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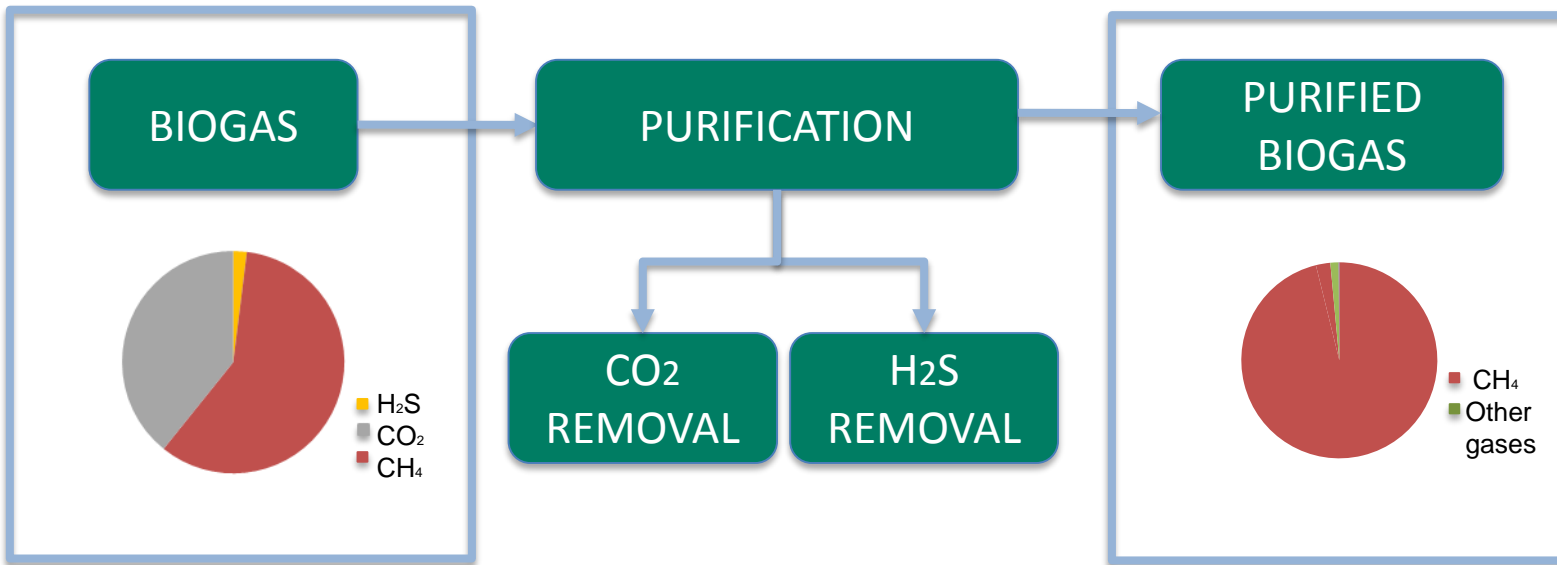
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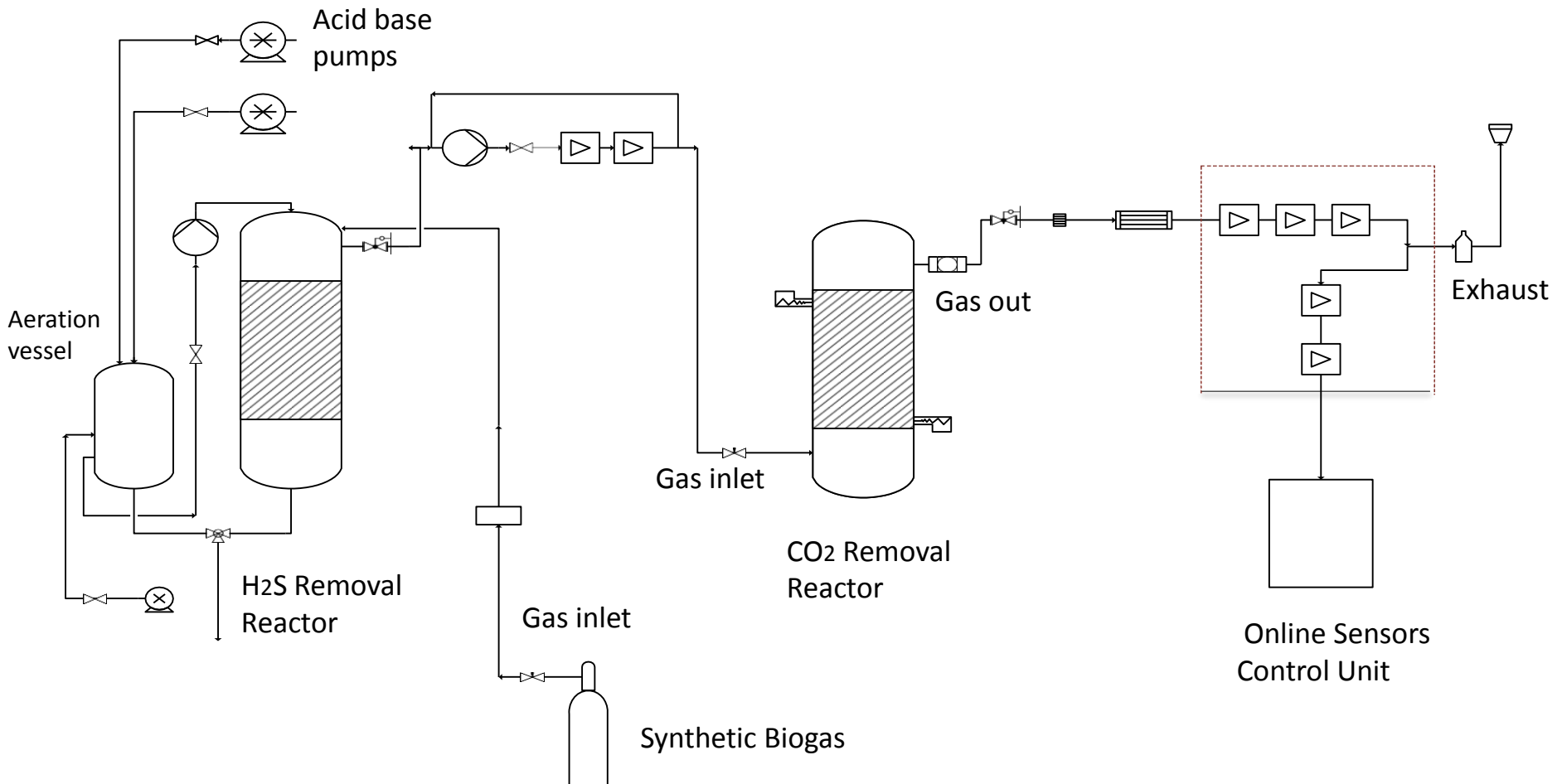


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Upgrading Biogas – Why?

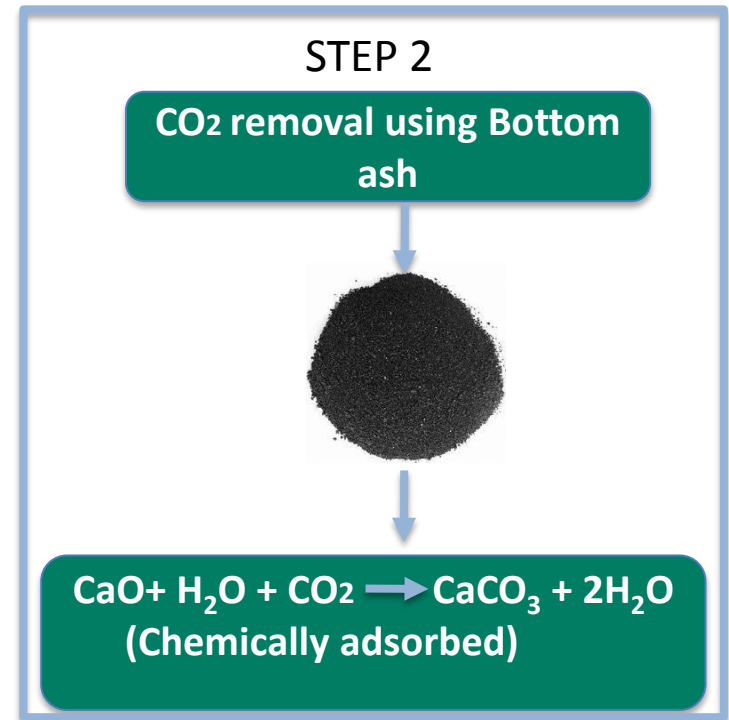
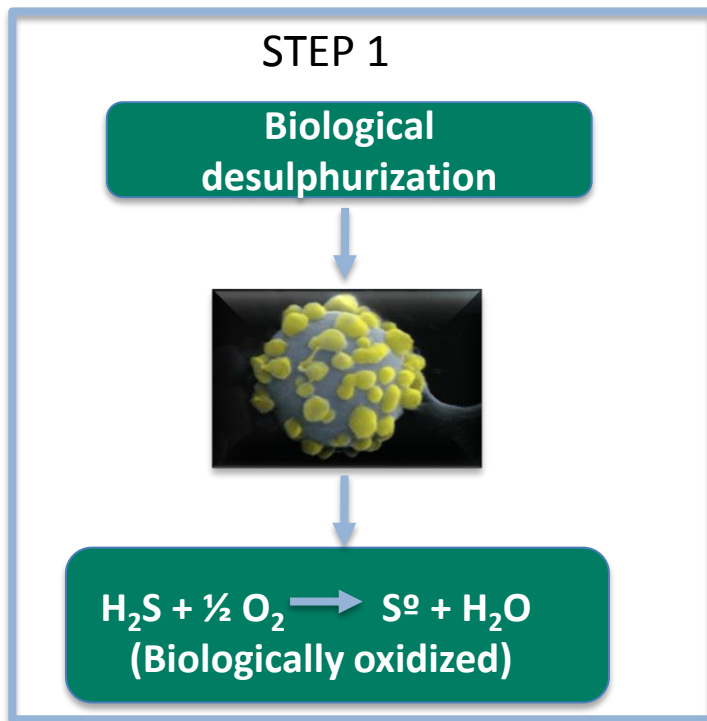


Combined H₂S and CO₂ removal process for Biogas Upgrading



Process Description – How do they work?

- The upgrading process has two steps



- Both steps are combined in parallel to yield purified biogas (free from H₂S and CO₂)

Headline results and its impact on Biogas Industry

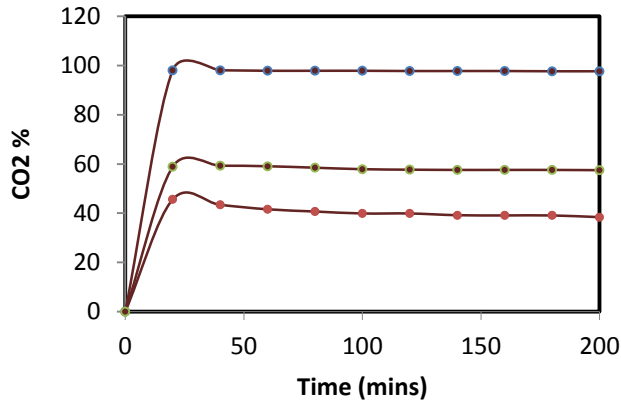


Figure 1: CO2 sorption with Bottom ash



Can lead to cost efficient technology developed for small scale biogas production

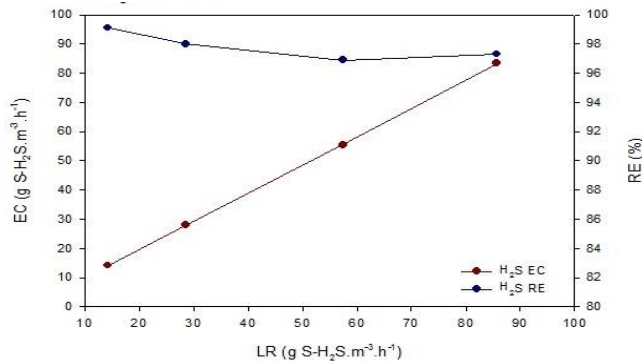


Figure 2: Biological H₂S Removal



Thanks for listening



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