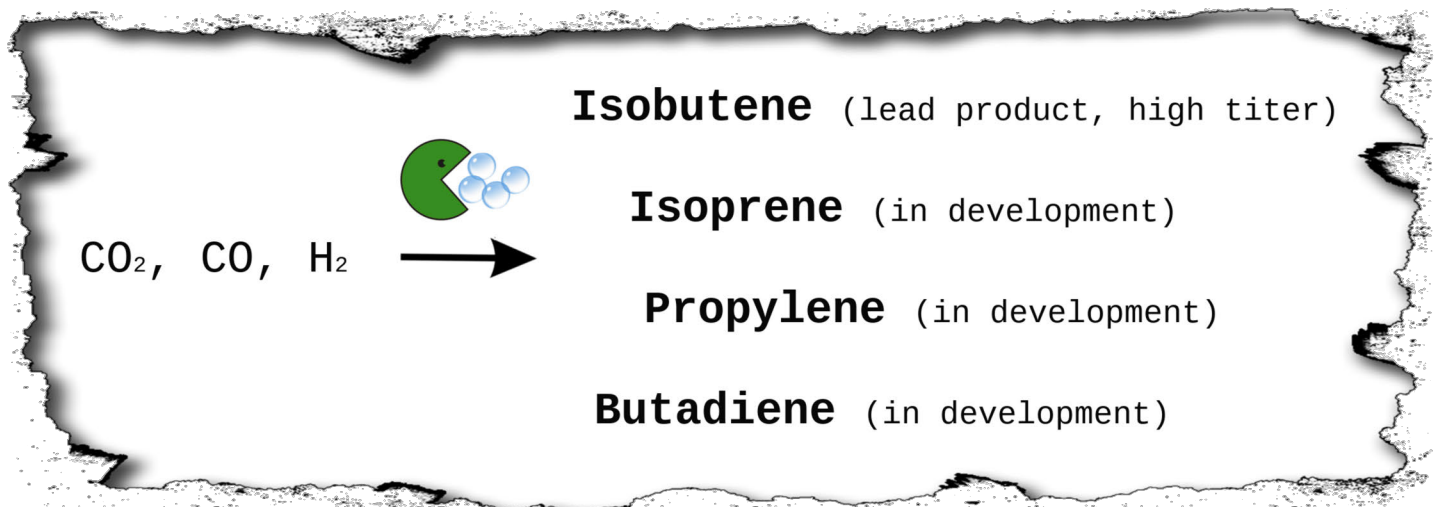




We have the most exciting new solution to get rid of waste gases and create value.

Our bacterial catalysts are able to convert waste gases (syngas) into:



Besides **disruptive pathway technology (W02016/034691)** we have a great bacterial chassis for basically any product from syngas. We can offer solutions for your product of choice (feel free to ask for a quote).

Our bacterium can handle any mixture of  $\text{CO}$ ,  $\text{CO}_2$  and  $\text{H}_2$ . Even pure  $\text{CO}$  or solely  $\text{CO}_2 + \text{H}_2$ . Impurities like  $\text{CN}$ ,  $\text{SO}_x$ ,  $\text{NO}_x$  etc. are no problem.

Advantageous process conditions (fermentation): aqueous solution (no vitamins required), temperature range 40-70 °C, neutral pH (broad range), easy product recovery.

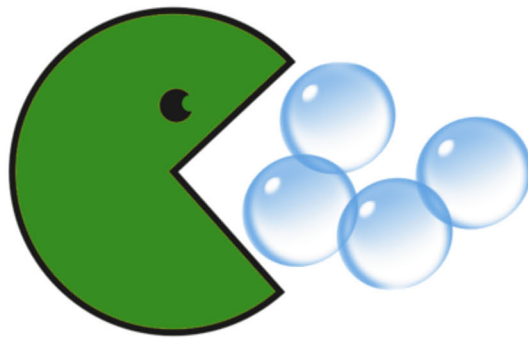
It is also the fastest gas-eating bacterium known to man (doubling time: 48 min)

But the best thing is:

**We can compete with oil prices below \$30 a barrel!**



**experts in carbon capture biotechnology**



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