

Development of a microbial shortcut for CO₂ to ethylene glycol, a valuable building block.

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Objective(s)

Wildcard project itself is about exploring whether we can produce ethylene glycol from formic acid (electrochemically derived from CO₂) the goal for possible dissemination will revolve around generating interest of potential industrial partners to invest in further development of the concept.

Target audience

Scientific peers within academia and industry. Potential private stakeholders. Funding agencies.

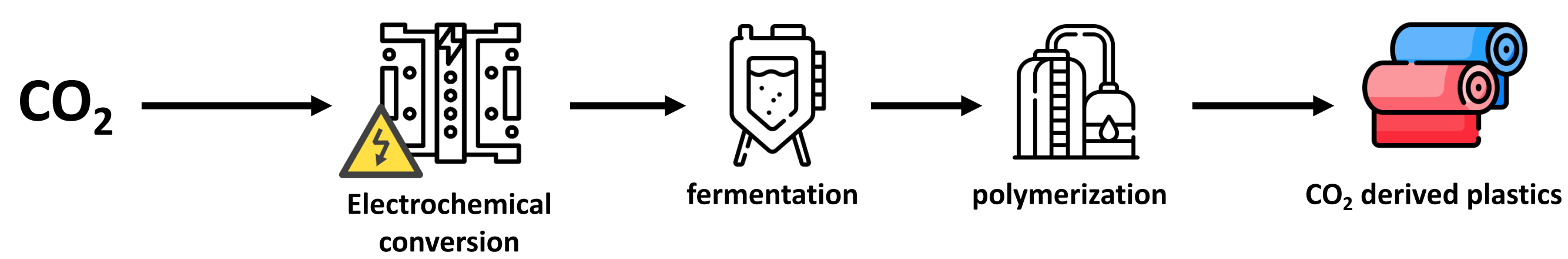


Figure 1. Process overview for CO₂ derived plastic production

Medium

Slide deck for communication with potential private stakeholders, Internal WUR report, Patent literature, Peer reviewed article.

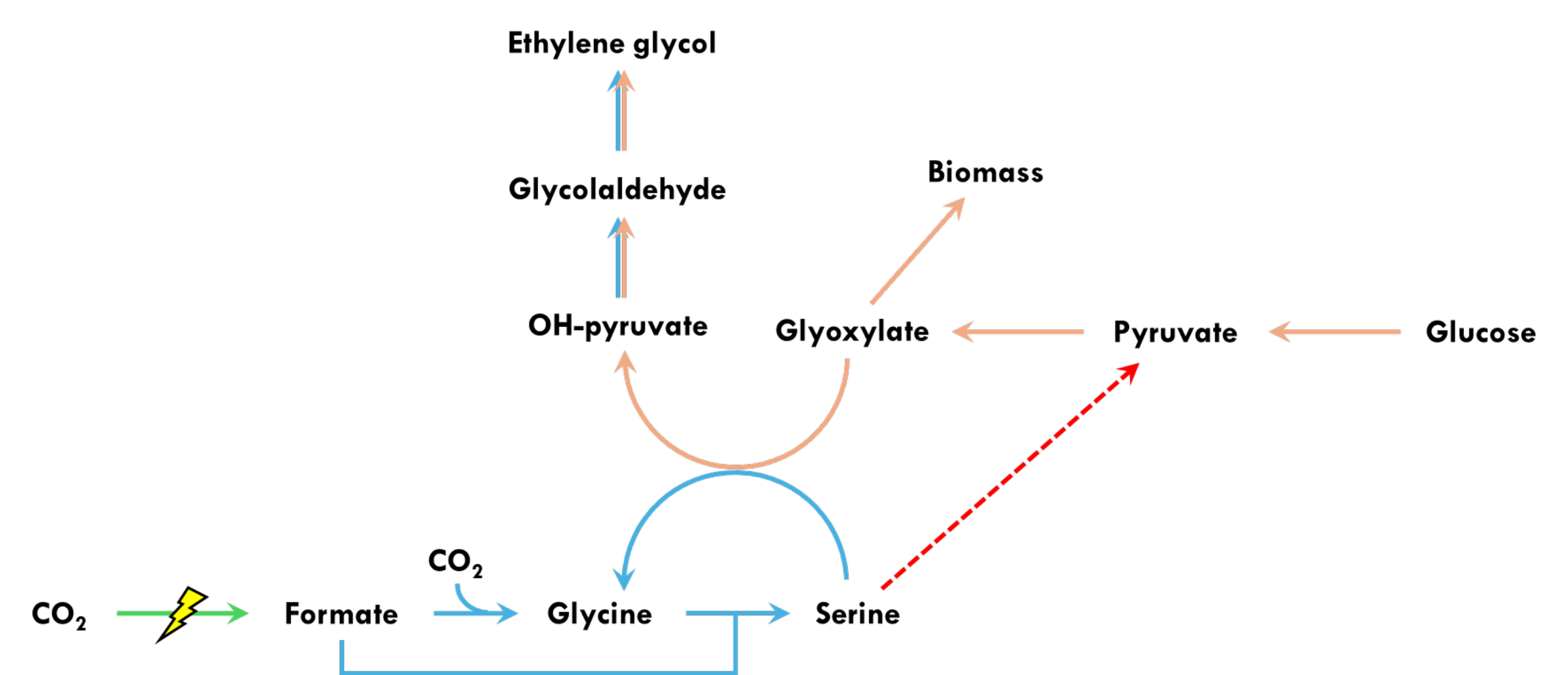


Figure 2. overview of the microbial pathway involved.

Scientific story