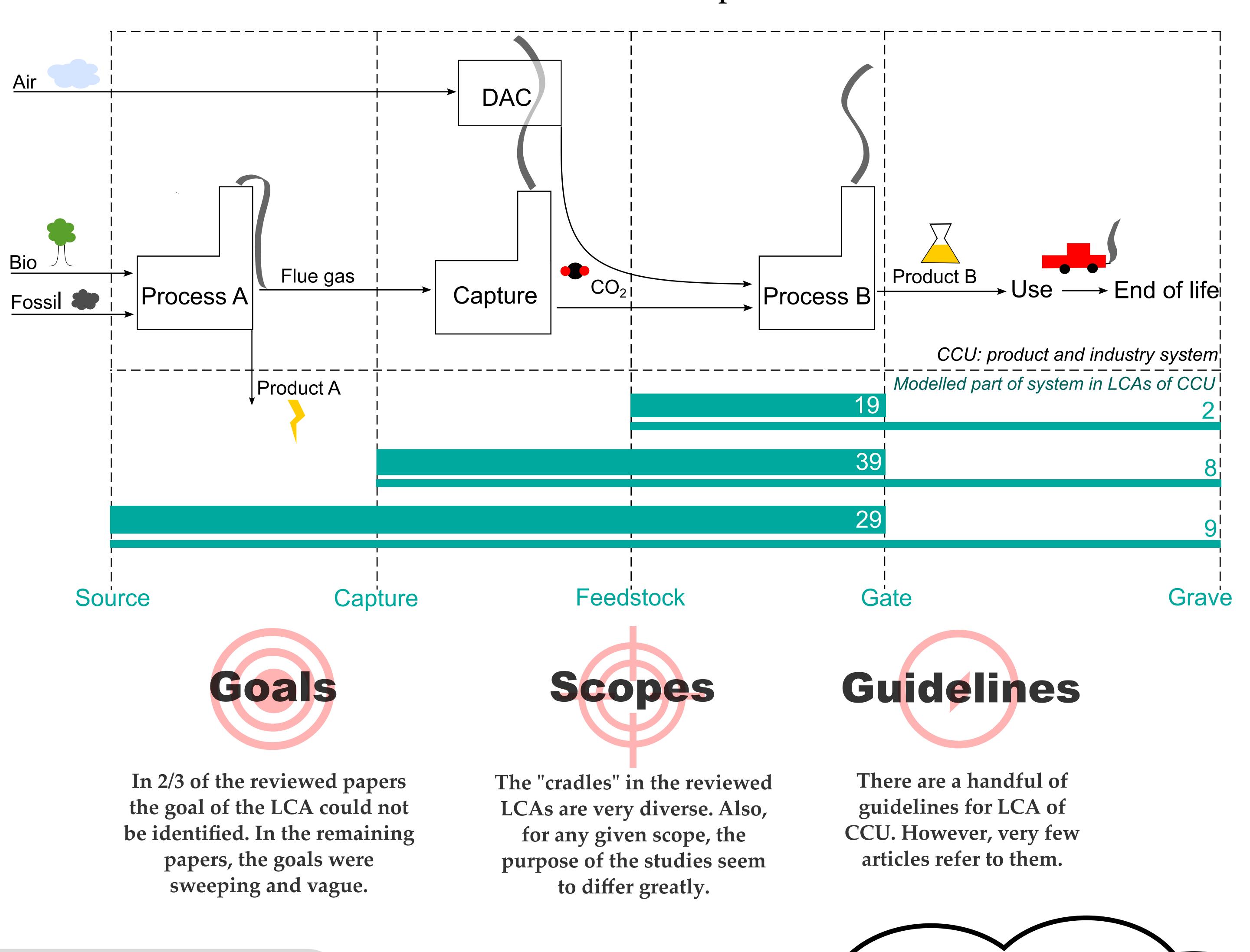
Reviewing life cycle assessments of carbon capture and utilisation – unclear goals lead to unclear results

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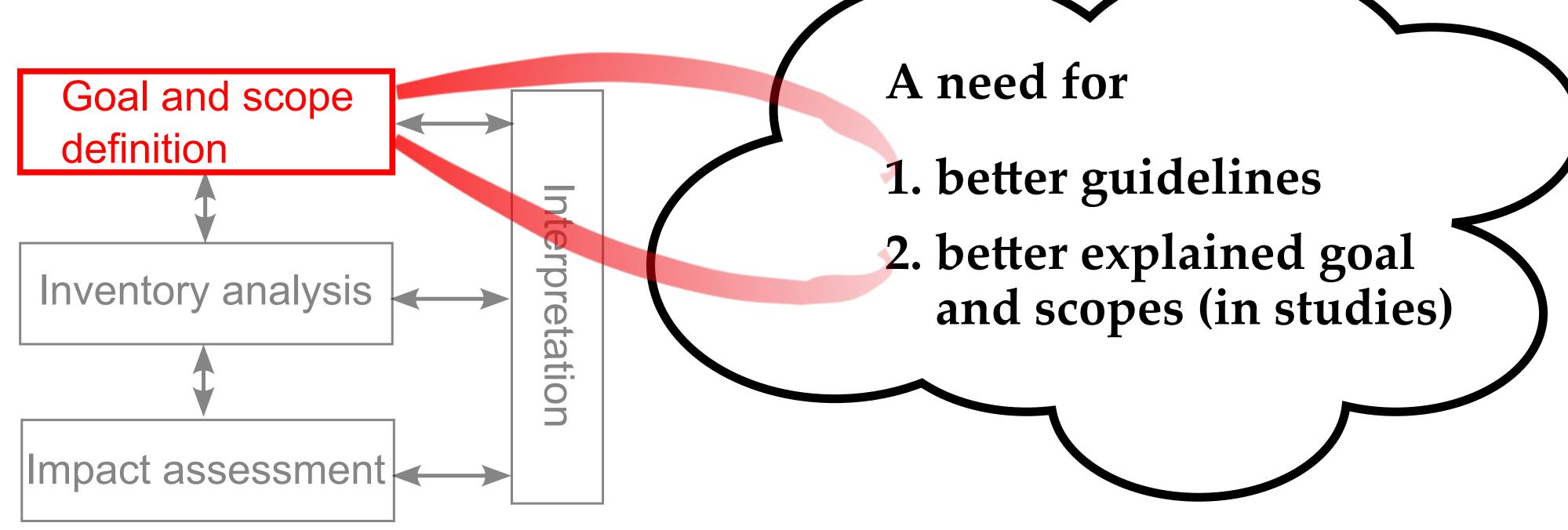


106 articles with LCA of CCUs were reviewed. These had very different scopes (length of green lines below). The numbers indicate the number of studies with a particular scope. How come these LCAs have so different scopes?



What is CCU?

Carbon Capture and Utilisation (CCU) is the process of capturing CO₂ and utilising it to produce a product. It is one way to replace fossil feedstock in chemical processes and a potential pathway to mitigating CO₂ emissions from industry.



What would it take for you to trust such studies to deliver on climate targets?



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