

# Analysis of CO<sup>2</sup> separation technology market



## Expertise and domain knowledge

- Industrial
- Market research
- CCUS
- Energy transition
- Chemistry
- Valorisation strategies
- Strategic partnering



## Our client asked:

Our client has been carrying out research to develop a PDMS-based, high-performance CO<sup>2</sup> sorbent. They asked Sagentia Innovation to create a project proposal describing the methodology to address these critical questions:

1. What is the appetite from end users in the EU and US biogas market for CO<sup>2</sup> separation technology?
2. How can a connection be established with potential end-users in the EU and US biogas market?
3. What additional applications, beyond biogas, could be identified in the EU and US and how to connect them with end-users?
4. Within these markets (biogas and non-biogas) what are the opportunities to utilise the recovered liquid CO<sup>2</sup>? What is the associated value chain?

## Results: deliverables and outcomes

Several presentation files were produced, and an introduction to potential users of the client's carbon capture technology was within one month of the project's end.

## Contact us

[info@sagentiainnovation.com](mailto:info@sagentiainnovation.com)  
+44 1223 875200  
[sagentiainnovation.com](https://www.sagentiainnovation.com)

## The project story:

- Sagentia Innovation did some preparation work and reviewed material shared by the client prior to the kick-off meeting
- We prepared a technical one-pager to entice participation from interview targets and interview questionnaires
- We interviewed multiple companies. The level of interest of the client's carbon capture technology varied from one company to another
- We recommended that the client prepares solid, evidenced responses to the challenges raised in our interviews, especially pressure requirements and needs from several companies
- Sagentia Innovation assisted in the introductions of the top companies listed.