



# Are You Capturing The Full Potential Of The CO<sub>2</sub> You Generate?

Tapping into additional sources of revenue by doing your part in mitigating the ongoing impact of climate change.



## CAPTURE

CCS (Carbon Capture and Storage) and CCU (Carbon Capture and Usage) represent untapped potential for existing biomethane production projects, providing immediate value. By capturing, selling, or storing CO<sub>2</sub>, companies can access additional sources of revenue, while benefitting the planet.



## LIQUIFY

To capture biogenic CO<sub>2</sub> at your facility, you'll need the appropriate liquefaction technology. This technology allows on-site conversion of CO<sub>2</sub> into a liquid state for transport.



## USE & STORE

Companies with existing biomethane production projects can make a meaningful difference by removing CO<sub>2</sub> from the atmosphere. Here's what that looks like:

## EFFICIENCY

CO<sub>2</sub> capture already occurs during the biogas upgrading process. Integrating CCS technology into your existing setup extends your portfolio, and optimizes the capture process, increasing efficiency.

## VERSATILITY

Carbon capture empowers your facility to produce gas with a significantly lower greenhouse gas footprint compared to natural gas. Whether used in urban heating applications, industrial CHP systems, or as an attractive sustainable fuel option, CCS enhances both the environmental and economic value of your biomethane.

## SUSTAINABILITY

Bioenergy with Carbon Capture and Storage (BECCS) enables significant negative emissions that contribute to combating climate change.

# Are You The Right Candidate For This Type Of Project?

## If...

- You operate a biogas upgrading facility, and
- You want to operate even more sustainably, or
- You need support with financing and projecting your CO<sub>2</sub> concept, or
- You already liquefy CO<sub>2</sub> and are looking for new sales opportunities...

**... then you have an opportunity to help lead the way towards a sustainable future with carbon capture.**

### WHAT WE DO

- Optimize your CO<sub>2</sub> utilization and storage strategies for maximum efficiency.
- Support project planning of your carbon capture project and provide stable revenue streams.
- Evaluate CO<sub>2</sub> utilization opportunities in your region to achieve the optimal balance between investment and return on investment.
- Oversee and handle the entire process and logistics.

### WHAT YOU GET

- Reliability and longevity: Long-term CO<sub>2</sub> and biomethane purchasing agreement.
- Tailored solutions: A customized approach to financing, planning, and implementing your project.
- All-in-one: An integrated approach for capture, liquefaction, and utilization or storage of CO<sub>2</sub>.

## LANDWÄRME IS YOUR PARTNER FOR EVERYTHING CONCERNING BIOMETHANE AND CARBON CAPTURE

Landwärme is a pioneer in biogas processing and one of the leading biomethane suppliers in Europe. Fifteen years ago, we committed to supporting biogas and biomethane producers in optimizing their gas sales, consistently delivering the best results for our clients, and we have not stopped since.

Our support spans the entire value chain: from biomethane production, certification, and transportation to liquefaction into Bio-LNG. We also provide CO<sub>2</sub> storage and utilization strategies and greenhouse gas quota management. Our track record speaks volumes, having earned the trust of numerous biomethane facilities, energy providers, as well as gas stations and cogeneration units.

Join them by trusting Landwärme for all your biogas and biomethane needs.

### Get in touch



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