

To truly achieve a net zero emissions world, fossil sources of carbon will need to be eliminated across all sectors. While electrification will play a significant role, key sectors such as aviation and shipping will continue to rely on carbon-based fuels, and many chemical industries rely on carbon as a key input.

These hard-to-abate industries will require circular sources of CO<sub>2</sub>, i.e., atmospheric CO<sub>2</sub>, to replace what is currently being used. While biogenic sources represent a logical conclusion, their scalability is highly limited and demand will always outstrip supply - leading to risks, such as deforestation of primary forests.

The only long-term solution is the direct capture of atmospheric CO<sub>2</sub>. Phlair's patented electrochemical DAC technology offers the scalability needed to supply CO<sub>2</sub> to where it's needed, globally, and at affordable cost. The innovation is fundamentally more energy efficient than competing technologies and offers highly purified CO<sub>2</sub> directly as an output - making its use for fuels or chemicals straightforward.

Additional information is available at [phlair.com](https://phlair.com), or get in touch via email or a meeting: <https://calendly.com/philipp-phlair/30min>.