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Transforming CO_2 into Tomorrow's materials.

Waterproof Final Meeting

October 22, 2026

Julia Krasovic

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Carbeau – backed by strong partners

Offering industrial expertise and financial strength



History:

2012 LiquidLight technology development
2016 LiquidLight acquired by Avantium
2026 Spin-out and launch of Carbeau

Strong strategic partnerships

- Partners GKT, Al Baleed Petrochemical, InvestNL, NOM, and Avantium reinforce Carbeau's market access and technology development

Stable financial foundation

- EUR 35.2 million funding, of which EUR 23.7 million in cash contributions



Where we are located & grow

Headquarters in Amsterdam

- Located at Amsterdam Science Park, maintaining close collaboration with Avantium and its innovation ecosystem

Pilot plant planned in Delfzijl

- Build a pilot facility in the north of the Netherlands
- Delfzijl offers a well-established industrial cluster and expertise in carbon capture and utilisation (CCU)
- Access to sustainable energy and infrastructure supports the growth of Carbeau's electrochemical CO_2 conversion technology

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Meet the Management Team



Yap Chie Cheung
Chief Executive Officer



Jos van Beek
Chief Financial Officer a.i.



Julia Krasovic
Chief Technology Officer



Lawrence Theunissen
Chief Product Officer



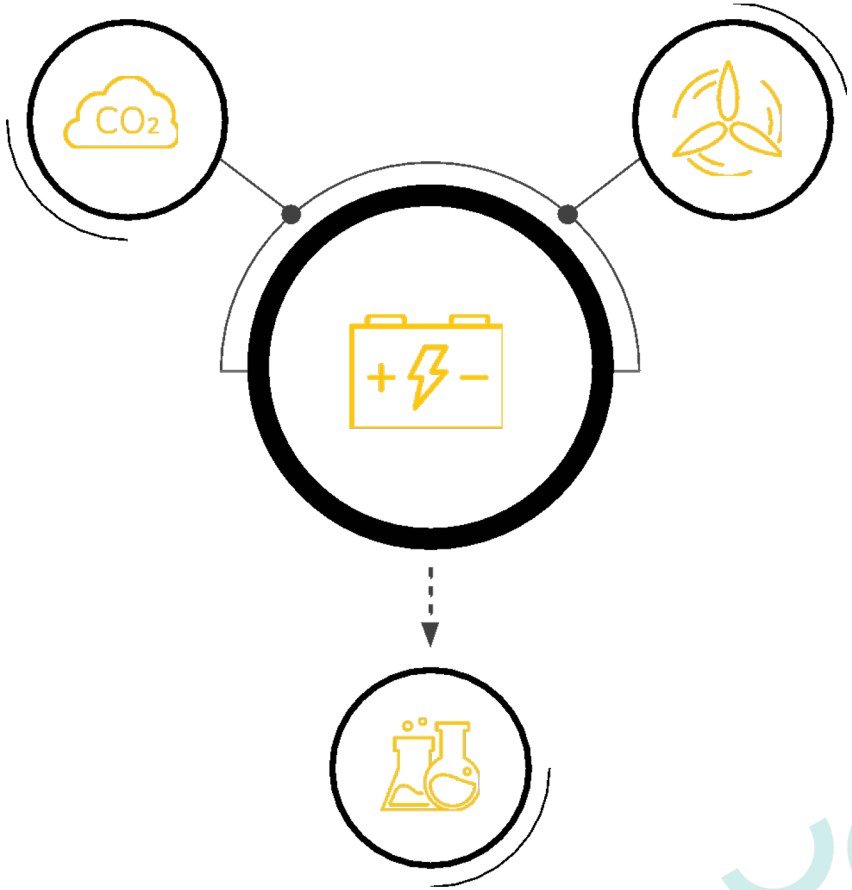
Annelie Jongerius
Chief Program Officer

Managing Board

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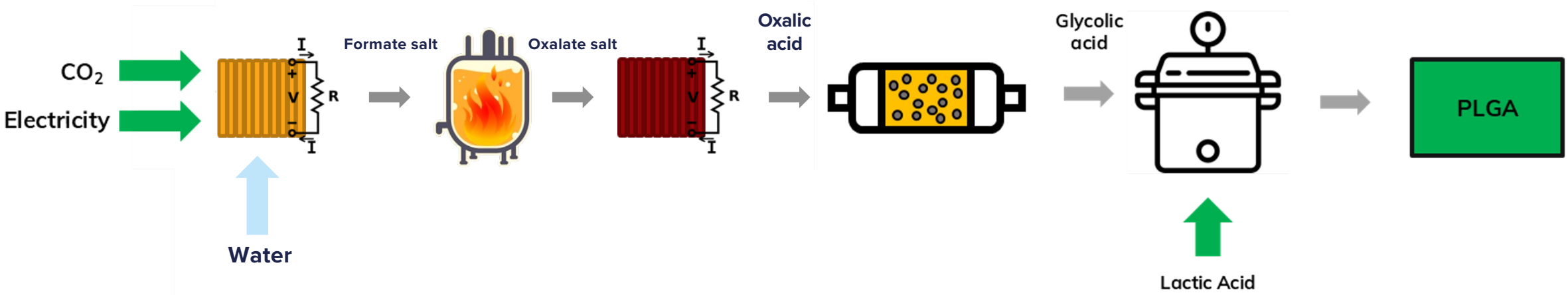
Revolutionizing Material Production

- Using **CO_2** as raw material,
- **electricity** as a renewable energy source,
- through an **electrochemical** process,
- to produce **clean chemical building blocks**



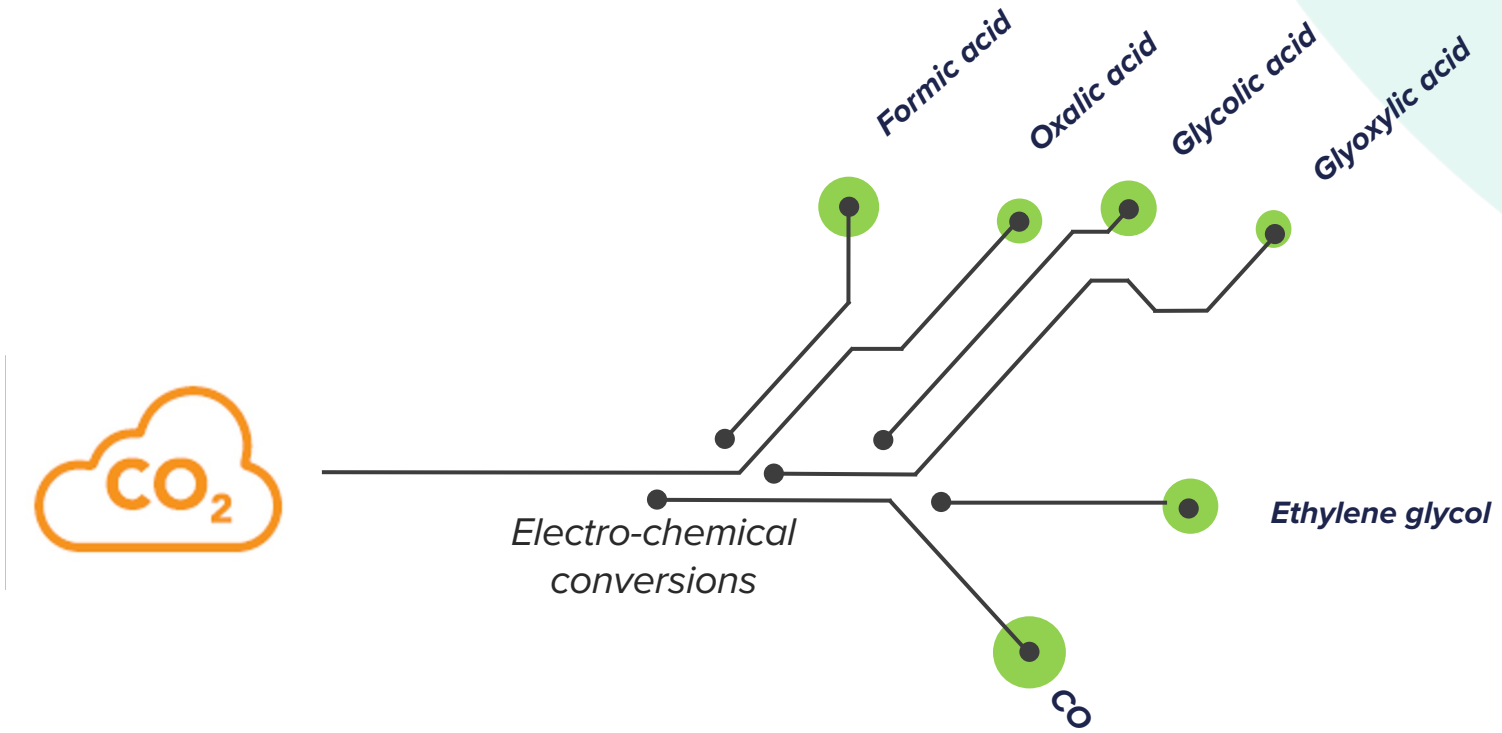
Transforming Emissions into Essential Materials

- Carbeau Technology is a unique electrochemical process that converts CO_2 in a clean way to sustainable chemicals and plastics



Carbeau Technology Platform

- Focused on intrinsically favorable conversions:





Sustainable Proteins



Cleaners



Personal care



Plastic



Chemical (intermediate)

The power of CO_2

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Glycolic acid

Golden standard Alpha Hydroxy Acid (AHA) in skincare

Effective Exfoliation: Glycolic acid gently removes dead skin cells, revealing smoother and brighter skin. This helps improve skin texture and tone, making it a popular choice for exfoliating products

Anti-Aging Properties: By stimulating collagen production, glycolic acid helps reduce the appearance of fine lines and wrinkles. It also fades dark spots and hyperpigmentation

Moisture Retention: As a humectant, glycolic acid attracts and retains moisture in the skin, enhancing hydration and strengthening the skin barrier



PLGA (polylactic co-glycolic acid)

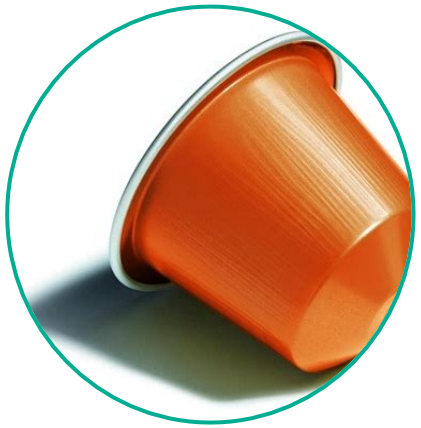
Adding superior properties to unlock new markets

Carbeau enables the following benefits to PLGA:

- **A negative carbon footprint**, supported by LCA data showing a significantly lower CO_2 impact compared to other plastics, with easier recyclability
- **Cost competitive** compared with incumbent solution



100%
Home compostable and marine degradable



50x
Better oxygen barrier



6GPa
Nore ridged then most other plastics



2-3x
Better water vapor barrier than PET

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WaterProof strengthens Carbeau's business case

A funded TRL-6 demonstrator that reduces technical, scale-up and commercial uncertainty for Carbeau

01 De-risks the integrated technology

Demonstrates CO_2 reduction, electrochemical acidification and downstream processing as one operating system, generating the data needed to define operating windows, utilities and safeguards.

02 Creates a reusable scale-up asset

The containerised demonstrator, controls and engineering documentation provide a practical base for retrofit and redeployment, avoiding a complete restart for the next industrial application.

03 Strengthens commercial evidence

Produces representative product, mass and energy balances, and real equipment experience that improve cost estimates, customer discussions and confidence in modular deployment.



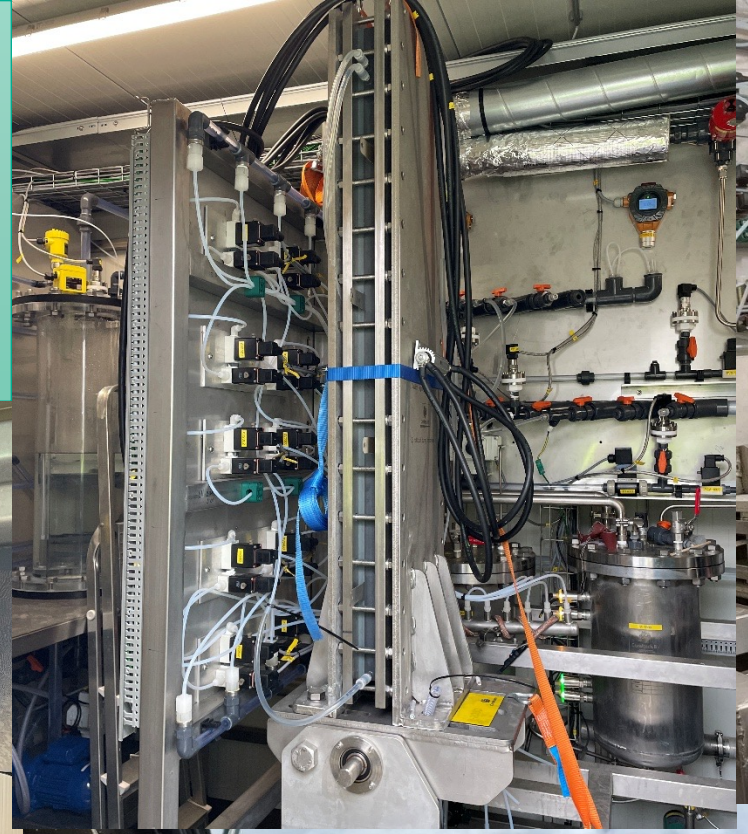
BUSINESS-CASE IMPACT **Lower capital-at-risk • Faster learning cycles • Better cost confidence**

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Waterproof Demonstrator











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Thank you!

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