

JAN SAMUEL STEIN

COO & CO-FOUNDER

► *operations, safety, compliance and people management*

About me

As an electrical engineer, Jan Stein focuses on power electronics and plasma sources for carbon-circular processes. At the Institute for Photovoltaics, University of Stuttgart, he co-developed Cyclize's plasma power source and is a named co-inventor on multiple disclosures. As COO and Co-Founder, he now leads operations, safety, compliance, as well as people and culture to turn technology into reliable execution.

Skills

- Power electronics & plasma source development (PCB design, testing, measurement)
- Lab setup & instrumentation; prototype-to-pilot collaboration with researchers and founders
- Stakeholder outreach & technical communication
- Infrastructure & supply of utilities

Education

- B.Sc., Electrical Engineering & Information Technology (focus: Electrical Energy Systems),
- University of Stuttgart

Achievements & Experience Highlights

- Co-inventor on three invention disclosures, one of them being related to Cyclize's electrical plasma source
- Co-author of a scientific publication on glow-discharge plasma; topic carried into bachelor thesis
- Fraunhofer ISE (Agrivoltaics): Risk analysis, research support, partner outreach in Agri-PV
- Ramboll Studio Dreiseitl: Exposure to urban water/blue-green infrastructure and project phases
- Forbes 30 Under 30, List Manufacturing & Industry of 2025

Engagements

- Board Member, Crossing Borders Stuttgart e.V. (now called Bildung Erneuerbare Energien Stuttgart e V.)

If I am not working you will find me ...

- At the amateur circus, where I can pursue my passion for acrobatics
- In the mountains climbing
- Repairing, gardening or cooking

Contact

Feel free to contact me via LinkedIn.
As I do not work on the computer most of the time, please forgive me if my response time is a little longer than usual.

