

Chief Technology Officer (CTO) & Co-Founder
Chemical Engineering / Process Engineering
d/w/m | part-time, full-time | Berlin, hybrid | start May 2023

"Impact doesn't happen in isolation" - Impact Hub

New Dawn is a start-up from Berlin and reduces the carbon footprint of silicone by more than half. We secure valuable resources that are labeled as "waste" and return it to the production cycle as high-quality silicone. We want to live and implement circular economy and transform the linear silicone industry.

For that we developed an innovative chemical recycling process that will be scaled up from lab to plant scale. To do this, we are looking for an individual to shape this journey with us.

As CTO & co-founder, you will:

- Co-create the New Dawn vision and be responsible for the technological implementation
- Lead the entire technology division (mini plant and pilot plant).
- Build and co-lead a company - with all the great and challenging moments.
- Have strategic and operational responsibility and make decisions

What qualifications and experience should you have for the role at New Dawn?

- You have a degree in chemical engineering / process engineering or are about to graduate
- You have designed or worked on the concept of a chemical plant, you are familiar with process development and optimization.
- You have skills that help you identify product ideas, evaluate them for scalability and budget management, and implement them technologically.

- You think strategically to drive New Dawn further in terms of technology and innovation.
- You have strong communication skills to explain technology and related challenges in a clear and understandable way.
- Networking is your thing.

Nice-to-haves, but not a requirement:

- You are impact driven and understand circular economy.
- Knowledge from other relevant fields: materials science, recycling, environmental science, green chemistry.
- You have experience in implementing recycling technologies.
- You have already worked with silicones in a scientific and/or industrial setting.
- You have founded a company before.
- You have a network or contacts in the silicone and silicone processing industry, waste management, recycling start-ups.

What do we offer?

- To co-found and build a start-up that will change the silicone industry for good.
- You will be part of the founding team and receive company shares
- A fair salary after closing our pre-seed round (Q3)
- Becoming part of a life-experienced and crisis-proof team that has the vision to change the world.
- We're into new work, coaching, co-creative work, balancing family and job.

You don't have to tick all the boxes on our wish list. If you are ready to join us, a steep learning curve and passion, please send us your CV (preferably without photo, address, age) and a short video (2-3 minutes) about yourself by the end of May: Tell us something that is not on your CV.

We are also open for tandem applications: contact@newdawnsilicones.com

You can learn more about New Dawn on [LinkedIn](#), [ISC3](#), [ChemManager](#) and [YouTube](#).