

SOLAGA**Campus Club: Startup-Meeting**

Brief description of the company

Name: Solaga UG

Contact: www.solaga.de ; h.ruf@solaga.de

Global air pollution and sustainable emissions from fossil fuels threaten our health and climate. Microalgae biofilms are living materials that actively capture and consume air pollutants. Based on this process, innovative living green walls have been designed as a natural and decorative solution for poor indoor air.

Solaga was founded as a start-up in Berlin. Our headquarters are located at Johann-Hittorf-Straße 8, and we are currently eight to ten people: biotechnologists, biologists, lawyers, economists and designers. At Solaga we want to change people's everyday lives and the future of energy production. We want to create a better and greener world for the future.

How do we do this? With the super powers of our algae. We want to make biofilms part of our daily lives and allow everyone to benefit from their amazing natural properties. We firmly believe that they will help us to improve our living conditions by reducing the amount of pollutants in our homes.

Core competences and Company state

Algae have developed special systems that enable these microorganisms to purify the air even in difficult lighting conditions typical of indoor and office lighting. But detecting air pollutants is not everything: microalgae are photosynthetic, just like plants, i.e. they consume CO₂ with the help of sunlight.

We have started marketing the world's first indoor microalgae product ALWE. It cleans and humidifies the air and makes the air inside natural. We want to extend this process to outdoor applications, which should also be applicable to streets and buildings and replace technical systems for air purification.

Overall, we are motivated by the first sales successes of the Alwe 50 and the positive response at trade fairs and the like and would like to take the next steps in the development of our company in 2020.