

# About us

## SÜDERELBE AG

We are an economic and regional development company that operates across district and state boundaries, supporting businesses and local authorities as a competent partner. We encourage economic and regional development through a wide range of projects and activities.

We bring together and work closely with businesses, research institutions, politics and administration. Together, we are committed to the development of the region.

## ON THE ROAD FOR THE PRODUCTION OF THE FUTURE

Süderelbe AG is a project partner of the Helmut Schmidt University / University of the Federal Armed Forces Hamburg. Within the framework of the „Fab City“ research project, Süderelbe AG operates the OpenLab Mobile in cooperation with Fab City Hamburg e.V.

## DIGITAL MANUFACTURING EVERYWHERE

Following this slogan, we provide access to open-source applications and digital production technologies throughout the Hamburg Metropolitan Region and neighbouring states.



[mobile.openlab.hamburg](https://mobile.openlab.hamburg)

# OpenLab Mobile



## WE ALSO COME TO YOU

You want our truck to come to your company, school or university? We will show you how digital manufacturing works for everyone everywhere!



Mail us: [mobilelab@suederelbe.de](mailto:mobilelab@suederelbe.de)



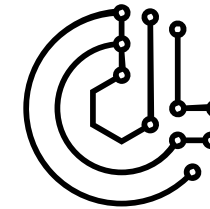
# Maker Map



The Hamburg Metropolitan Region offers more open workshops for digital manufacturing.



**Süderelbe AG**  
Hamburg Metropolitan Region



# OpenLab Mobile



## DIGITAL MANUFACTURING EVERYWHERE

Süderelbe AG is a member of  
Fab City Hamburg e.V.



# OpenLab Mobile

## TURNING IDEAS INTO REALITY

We teach skills, provide career guidance, support the implementation of ideas, the development of prototypes and the production of market-ready products in the Hamburg Metropolitan Region.



## CREATING AMAZING THINGS TOGETHER

Here you can learn about

- digital design
- 3D printing
- laser cutting
- CNC milling

and other manufacturing techniques.



# Digital Manufacturing

## LEARNING TOGETHER

In the OpenLab Mobile, we offer the appropriate machine workstations for each of your workshop formats, practice-orientated work as well as theoretical background and support in the development of innovations.

Through close networking with companies, universities, open labs and other key players in the FabLab and Makerspace community your ideas and projects will continue to develop even after the workshops end.



# Fab City Approaches

## LOCAL PRODUCTION

Before globalization, many things were produced in Hamburg. Today, consumer products are mainly imported. Hardly anyone knows how much energy and raw materials are actually used for this. Digital manufacturing technologies can help to produce locally again, right in the Hamburg Metropolitan Region.

## CIRCULAR ECONOMY

Many products can no longer be repaired, they are thrown away and the waste is exported. As a result, valuable materials are lost. In a circular economy, however, materials are used for a longer time, repurposed and consistently recovered.

## OPEN-SOURCE PRINCIPLE

In a Fab City, software, construction and assembly manuals are documented and openly accessible to everyone on the internet. This helps to continuously improve products, repair them, and, if necessary, disassemble them back into their components. These can then be reintroduced into the value chain.

PARTNER



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## Fab City Hamburg e.V.

Fab City Hamburg e.V. was founded in 2020. It is part of the global Fab City network and is funded by the Ministry of Business and Innovation. The association promotes the idea of the Fab City, supports its development and documents its progress.

