



## Fab Lab Siegen

Siegen, Germany

**We, the [Fab Lab Siegen](#), as part of the University of Siegen, pursue the overarching goal of contributing to a humane future and taking responsibility for people, society and technology. We are a real lab and an open workshop to touch and experience.**

**Our vision is to democratize access to technology by offering a safe space and same chances of using and learning different analogue and digital technologies - for free, for everyone.**

We are co-located with the University of Siegen Entrepreneurship Center, as well as a regional StartUp Support Organization, which offer acceleration, incubation, as well as funding support. The Fab Lab Siegen is a central infrastructure in three funded industry projects, with a network of over 100 companies in the region Southwestphalia (European Digital Innovation Hub, Mittelstand Digitalzentrum, Automotive Transformationsplattform ATLAS). Moreover, we are partnered with the non-profit NGO Digitalum-Wittgenstein gGmbH, which brings digital innovation to rural areas with an 18 meter long bus. This bus contains the technology of a Fab Lab and is able to travel and train employees as well as students of different schools in various areas.



## Our Expertise

All creatures welcome!

We focus on additive manufacturing and run a networked farm of FLM printers. We offer our technologies for free and will teach everybody regardless of their age or background.

Our community is our heart. We are open to the public as well as for our students and fellow researchers. We want to learn from and support each other and build a strong community with a diverse background.

## Technologies

### 3D Printing

8 FDM Printers:

- 250 \* 210 \* 210 mm
- 300 \* 300 \* 400 mm

2 SLA Printers:

- 120 \* 68 \* 150 mm
- 125 \* 125 \* 165 mm

Materials: PLA, TPU, PETG, UV Resin.

### CNC Milling

EAS HEAVY 800XL

- 1590 \* 825 mm

### Lasercutting

2 Lasercutters

- 515 \* 455 mm
- 1250 \* 900 mm

### Vinylplotter

Roland LEC-330

- 736 mm

### Woodworking

Hand-held circular saw

Chop/circular saw combination

Scroll saw

Box column drill

### Electronics

Soldering