

Resource-efficient 3D Printing (6 ECTS)

In this community-based learning module on resource-efficient 3D printing participants will learn how 3D printing can be used in resource-efficient ways.

Participants get acquainted with the basics of 3D modelling and 3D printing. The participants discuss and reflect 3D printing in different areas of interest, e.g. for prototyping, in product manufacturing or in the educational context (maker education). A special focus in this course is sustainability – how can we use minimum resources and 3D print sustainably. The course concludes with the participants' self-chosen projects on 3d-printing and sustainability.

This course runs digitally, while participants come from different European countries. The course language is English. Participants need access to a 3D printer (for example at FabLab IDEENREICH in Flensburg). All areas of study are welcome and no previous experience with 3D-printing is required.