**Name:** Wenche Emely Nessler  

**Article:** Innovation in 3D technology and Maker Spaces Open a World of New Possibilities for Designers and Artists

An innovation of creative workshops, for computer programming/developing, building in the computer or with real materials, is over the world and we can count 500 FabLabs or Maker Spaces, in Oslo around 37. Some workshops are open for all, and highly professionals and hobbyists can work side by side with access to valuable tools and combine technology, science and art, and make for example remote-controlled robots, drones, wooden furniture cut by laser cutter and cosplay costumes.

Never have the way been easier and shorter between an idea and a finished product, and I made my own project, a sculpture in 3D. I contacted Bitraf, one of the new, large Maker Spaces in Oslo where I met friendliness, got plenty of advice and good inspiration, and went to classes in 3D design program before I finished the sculpture with one of Bitrafs 3D printers.

**Personal Information**

Master in visual and performing arts  

Visual artist  

Former teacher in arts and crafts in secondary schools and Adult Education Centre, Oslo