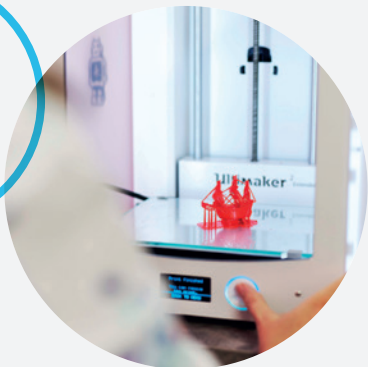




The kit you need to create your impact - at the Innovation Lab!

Our fully-equipped lab space is designed for members to innovate, create and make a positive impact - developing products and services that address environmental and social challenges.

3D printing area



3 FDM 3D printers, 2 that print in biodegradable PLA

2 high-end professional 3D printers (that use ABS for high-quality 3D printed prototypes as well as a Polyjet printer for very high-quality prototypes)

2 SLA resin printers for professional final prototype manufacture

Making area



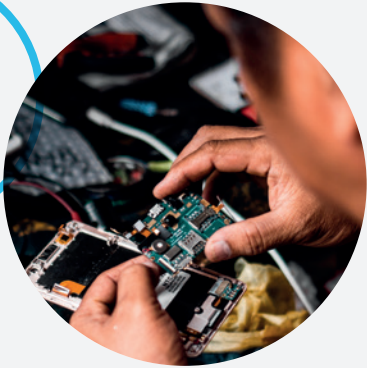
Laser cutter for cutting and engraving sheet material - paper, card, plywood, plastics and fabrics. Plotter/cutter for creating paper stencils and vinyl stickers. 3 Axis CNC mill for cutting and engraving materials such as chemical wood, plastics and modelling wax.

Vacuum former for manufacture and deformation of polystyrene sheet plastic

A variety of bench top manufacturing equipment including a Brother industrial sewing machine, pillar drill, belt/disc sander, fret saw and heat press

Makita hand and power tools, such as power drills, jigsaw, cross cut saw, disc sander and dremel tools





Electronics and systems

Electronic testing equipment such as multi-meters, oscilloscopes, and breadboarding

PCB manufacturing equipment, etching tank, and wash tank, electronic components and soldering irons

Complete Raspberry Pi set ups, including screens, keyboards and operating systems. Also set ups for BBC microbits.



Digital Media area

Top end PCs and Apple Macs supporting various CAD software (Solidworks and Autodesk) and design software. A3 Wacom tablets for use with design software.


A1 printer for printing posters, promotional material and plans

3D virtual reality including an Oculus rift and Vive headsets, along with a 3D scanner

Panasonic tablets for testing android apps, or linked to wireless projects to control projects and electronic systems

Top-end laptops, with nVidia graphics cards, an Alienware laptop and Msi laptop

Additionally, we have state-of-the-art 4K high definition Canon and Sony photography equipment – with various lenses, video camera with video microphones and accessory kits. These are also available for hire.



For more information about what's available at the Innovation Lab, or to enquire about becoming a member, please email innovationlab@allia.org.uk or call 01733 666690



The Innovation Lab at Allia Future Business Centre Peterborough, in partnership with Anglian Water - to encourage innovation and address social and environmental challenges.

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