

ALW Maker Lab & The Circular Economy Business Support Programme

Part of the Port Communities Resilience Fund



The Maker Lab Concept

- Maker Labs' are digital manufacturing hubs in communities, businesses and research organisations where computer designed objects are fabricated using physical materials.
- The Avonmouth and Lawrence Weston Maker Lab(s) will support skills development for pre/early stage start-ups and SMEs.
- With a £110k allocation from the PCRF Jobs, Training and Enterprise theme the lab will act as a community and business resource to close educational attainment gaps; increase start-up and business density; enhance the financial and environmental sustainability of SMEs and offer a pathway to genuinely sustainable self-employment.



CAD design station

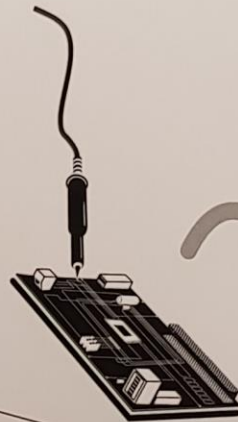


3D printer

3D PRINTED BASE



+



Electronic circuitry

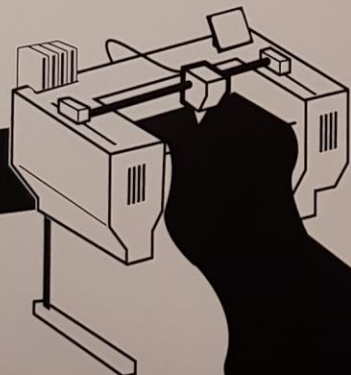
SOLD ONLINE



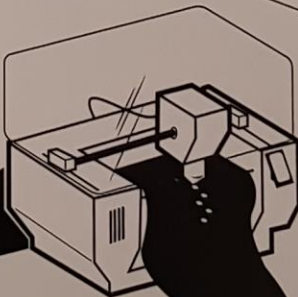
THE FINAL PRODUCT



Bio materials
Research &
Development



Digital fabric printer



Laser cutter



Digital embroiderer

THE SHADE




The Circular Economy Business Support Programme

- BCC Economic Development with support from SevernNet, have recently submitted a funding application to the Coastal Communities Fund for 100% match funding (£110K). Notification of the success or otherwise of this is due imminently (late-June/Early July).
- CEBS will work with 40 SMEs and/or pre/early stage start-ups to embed principles of the Circular Economy by leveraging principles of Maker Labs as a catalyst towards end-to-end systems of innovation, process and design through a programme of technical skills development, market intelligence and strategic planning support.



The Circular Economy Business Support Programme cont.

- The CEBS will further support/develop, in partnership with SevernNet, the Circular Economy Forum to act as a local and national exemplar of best practice and will place innovation and sustainability at the heart of the Avonmouth and Lawrence Weston Community.
- BCC Economic Development will be tendering this work out and will shortly be hosting an engagement event to further develop the specific deliverables of the CEBS.



Feedback, Questions and Next Steps

- Questions and feedback is most welcome.
- To submit a more formal response or to express interest in attending the engagement event please feel free to contact me directly michael.dow@bristol.gov.uk or pcrf@bristol.gov.uk
- For other matters relating to PCRf please contact warren.pickles@bristol.gov.uk