



How to grow your business with 3D printing

If you are a manufacturing SME based in Lancashire, then this **FREE workshop** is for you.

Overview

This one-day ERDF funded workshop will give the attendee a basic understanding of 3D printing or additive manufacturing, and the steps involved to create a part from start to finish.

This comprehensive workshop will cover both theoretical and practical sessions, as well as an introduction to several common technologies and materials.

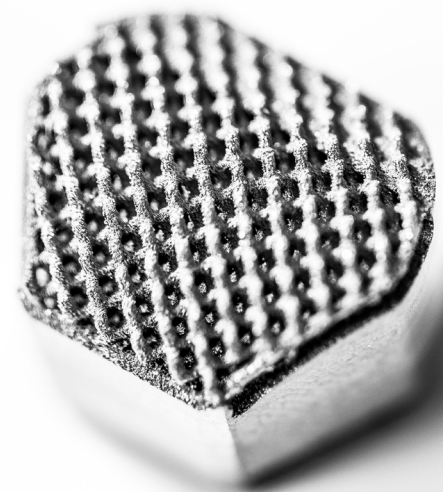
At the end of the session, the attendee receives a one-to-one consultation with AMRC North West's additive manufacturing experts to identify how the technology can help their business.

Following on from the workshop, an AMRC North West's representative will visit the attendee's business to formalise the opportunities in a report.

Target attendees

This is a beginner's course aimed at individuals who are new to additive manufacturing and interested in learning how the technology works.

This course is suitable for both technical and non-technical individuals, and no prior knowledge in additive manufacturing is required.



Learning outcomes

At the end of each session, the attendee will:

- Understand how the 3D printing process works
- Appreciate the current benefits and limitations of 3D printing
- Identify opportunities offered by 3D printing
- Receive a free consultation on how to implement 3D printing.

Eligibility

The attendee must be from a manufacturing SME based in Lancashire. SMEs are defined by the European Commission as having less than 250 persons employed, an annual turnover of up to £44 million, or a balance sheet total of no more than £38.5 million.

Workshop dates

This workshop is run regularly on a monthly basis. Each session is limited to ten attendees only. If a session is fully booked, any registered interest will be added to the waiting list for the next available session.

The next session dates are as following:

19th March, 2020 / 8th April, 2020 / 6th May, 2020

The workshop is to be held at:

AMRC North West, Heatley house, Bowran Street, Preston, PR1 2UX.

Booking details

[Click here to book](#)

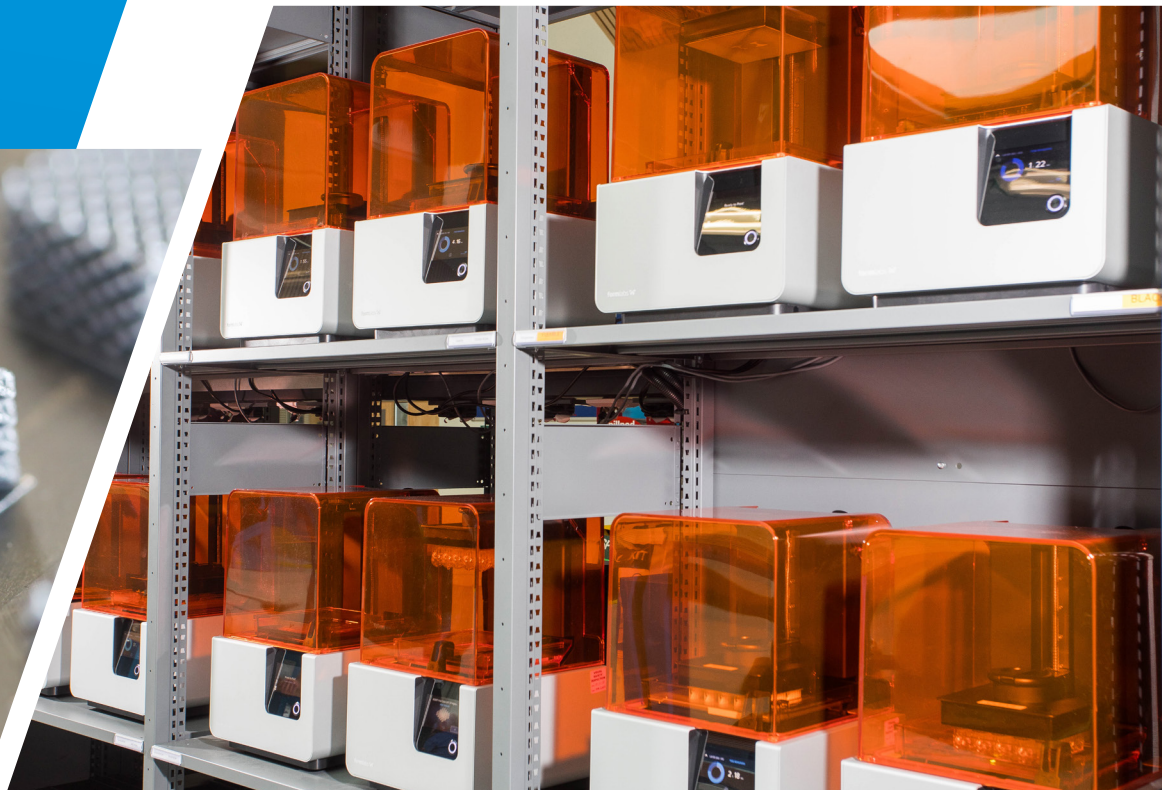
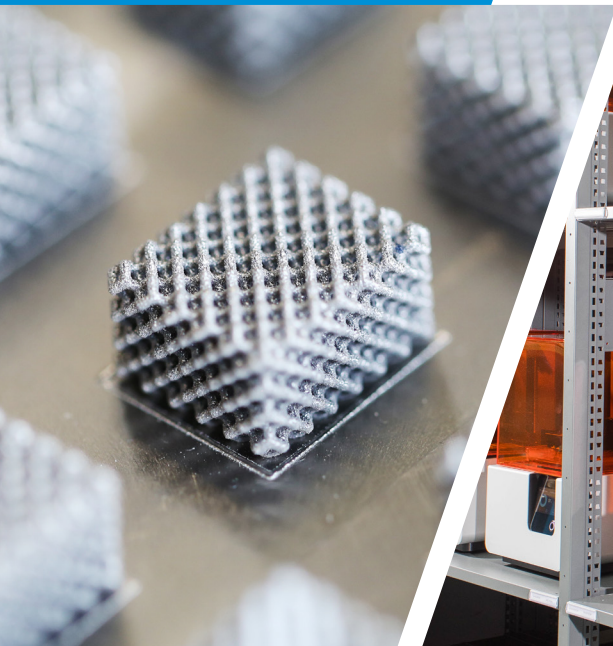
Note - bookings will close one week prior to the workshop date.

For further information, please contact **AMRC North West** at either:

 **01254 947 100**

 **nwadmin@amrc.co.uk**

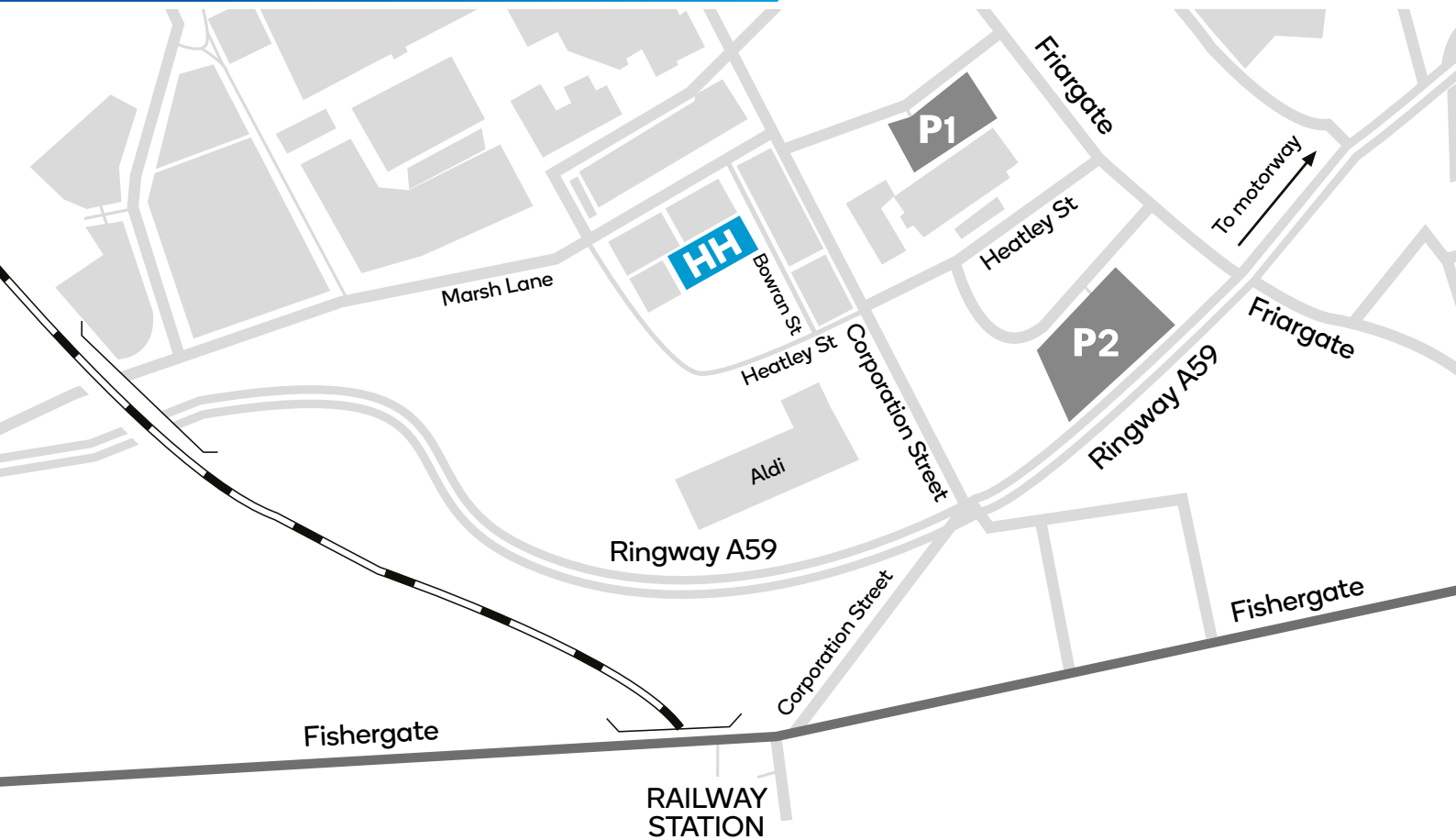
Agenda



How to grow your business with 3D printing

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| 08:00 – 08:30 | Arrival and refreshments |
| 08:30 – 10:30 | Overview of 3D printing (additive manufacturing)
Benefits and limitations
Applications and case studies |
| 10:30 – 10:45 | Break |
| 10:45 – 12:15 | Additive manufacturing processes
Materials and properties
Costs overview |
| 12:15 – 12:45 | Lunch |
| 12:45 – 14:30 | Practical demonstration of polymer 3D printers:
Ultimaker S5, Markforged Mark Two
and Formlabs Form 2 |
| 14:30 – 14:45 | Break |
| 14:45 – 16:00 | One-to-one consultation with additive
manufacturing experts |

How to find us



AMRC North West is currently located at Heatley House in the centre of Preston within walking distance of both the bus and train stations. We can be accessed by road from motorway junctions 31, 31a and 32 by following directions for the city centre. We are situated just off the main Ringway within Uclan central campus Blue zone.

When visiting by car we have limited parking in the car park adjacent to the building. You will require a parking pass which will be issued when you have signed in at reception. Pay and Display parking is also available at St Mary's Car Park and Hill Street Car Park, both of which are only a few minutes walk away.

If you are coming on foot from the train station, exit from the station's main entrance, turn right and then left down Corporation Street to Ringway. Cross Ringway at the lights, turn right, then take first left down Corporation Street (shops including Aldi on your left). Straight ahead and walk down Heatley Street towards Gainsbrough Carpet Shop and turn down Bowran Street. You will find the AMRC North West on the left hand side towards the bottom of the street.

AMRC North West,
Heatley House, Bowran Street,
Preston, Lancashire, PR1 2UX.

Key

HH Heatley House

Public parking – Pay & Display

P1 St Mary's Car Park

P2 Hill Street Car Park

01254 947 100

nwadmin@amrc.co.uk

amrc.co.uk



The University
Of
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CATAPULT
High Value Manufacturing



NORTHERN POWERHOUSE
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