

MSA LIVE is an annual programme of 'Live Projects' run by Manchester School of Architecture. We bring together organisations and Masters of Architecture students (M.Arch 1) and Masters of Architecture and Adaptive Resue to work together on an active project in Manchester or the North West. The key focus is on social impact and collaboration. We are keen to hear from community based groups who would be interested in working with our students. Previous projects have explored urgent issues such as homelessness, climate change, retrofit, equity in cities, biodiversity, preserving heritage and many more. You can see a few examples from last year on the next pages. Our students are creative and talented and will bring a fresh perspective to your project. If you have a project and think it has an appropriate agenda, we could work together. Please get in touch with our MSA LIVE staff team who can support you in applying and answer any questions you may have.

Find out more and view previous projects on our website  
[www.msa.ac.uk/live](http://www.msa.ac.uk/live)



**MSA  
LIVE  
24**

**CALL FOR  
PROJECTS**

## KEY DATES

2023	October 27	Call For Projects closes
	November 14	Confirmation of project inclusion in MSA LIVE 23 programme
	December 6	Meet the Collaborator Event (a chance to connect, meet students and staff)
2024	Late Jan	Contact with collaborators begins
	Jan - Apr	Development and refining the project and outcome with M.Arch 1 team
	March 20	Ethics application submitted by M.Arch 1 student team for staff review
	May 7 - 17	Project Action Weeks (10 extra students join the student team)

**MANCHESTER SCHOOL  
OF ARCHITECTURE**

To propose a project you need to complete the Call For Projects Google Form. Scan the QR code above or follow URL here: <https://forms.gle/5CcKu3WFdhFGvdsx5>

You will need to tell us

Your Idea (200 words)

Who will benefit (100 words)

How your project will provide social impact/ community benefit (200 words)

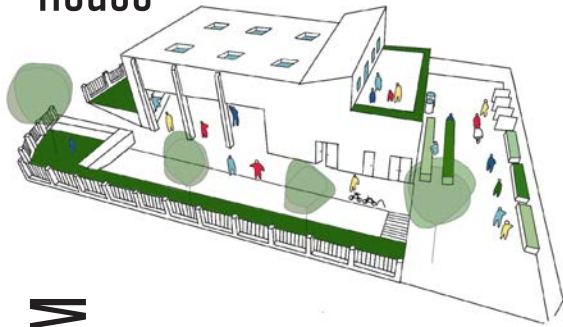
The output you are expecting (100 words)

While we cannot guarantee inclusion of your project in the programme, we need around 40-50 projects each year. We prioritise projects with a clear social impact for a specific community. We are excited to work with you so please get in touch with Emily or Julie to discuss your project further [msalive@mmu.ac.uk](mailto:msalive@mmu.ac.uk)

# MYCO-POD

Students worked along with The Boiler House and their design task was to create an eco shed for them: an outdoor storage/ workspace unit which combines stool storage and inhabitable shelter with space for a green roof and solar panels.

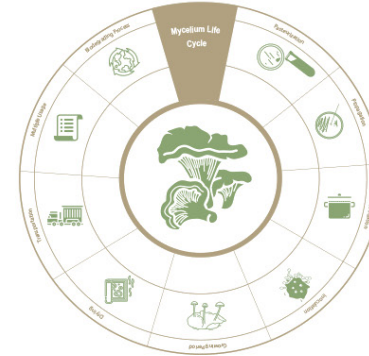
## Investigating using Natural Materials to Insulate The Boiler House



### At a glance

- The Boiler House aims to empower local communities to live sustainably.
- Their existing building needs environmental improvements to support their activities.

### MYCELIUM MAKING



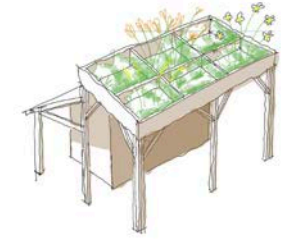
Embodied Carbon of

**-39.5 kg<sup>2</sup> CO<sub>2</sub>eqm**

Mycelium is carbon negative

#### General Information

Mycelium Bio-composites (MBc) are an emerging green alternative to hydrocarbon based insulation materials. Due to it being organic, mycelium will biodegrade at the end of its lifespan.



### ALTERNATIVE USES OF MYCELIUM



#### Packaging



Mycelium-based composites can be used as a single use packaging alternative to plastic and polystyrene. Mycelium is 100% biodegradable and compostible, so helps to reduce waste and landfill. Swedish furniture brand IKEA and computer brand DELL have committed to using mycelium packaging.

#### Textiles



Mycelium can be used to create sustainable versions of leather and other synthetic textiles. Reducing carbon emissions and reliance on plastic. Large brands such as adidas and Stella McCartney use mycelium based textiles in clothing, footwear and accessories.

#### Protein



Production of protein by conventional animal based systems is very resource intensive and has a high environmental impact. Producing and consuming mycelium based meat alternatives, emits significantly less carbon, and uses less water when compared to animal derived protein.

Mycelium provides a durable, sustainable alternative to plastic. Rather than break down into micro-beads which are harmful to plants and animals, mycelium breaks down into useful nutrients for the soil, giving back to the environment after use.

## Design and Construction



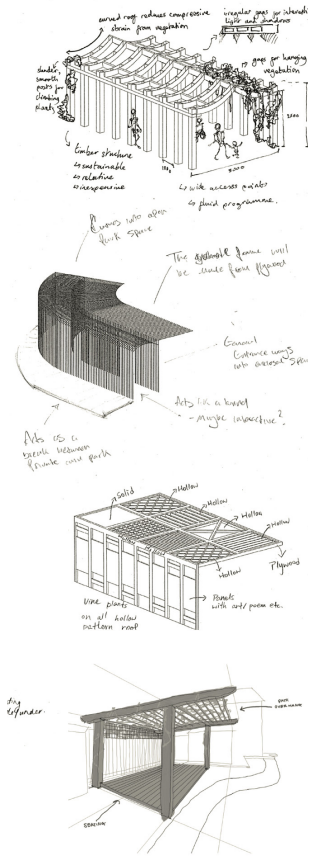
## MYCELIUM & MUSHROOM WORKSHOPS



# PONKY'S PARK

This student-led team worked in collaboration with ForTyldesley to propose designs for the redevelopment of a small green space along Tyldesley's historic high street.

## What do Tyldesley want?



### At a glance

- Memorial garden design with seating and planting.
- Locally produced sculpture installation
- Transforming the public into usable green area.



## Design Development and Proposal

