

## Supplier of waste biomass (specifically wood bark and knots)

### Summary

Profile type	Company's country	POD reference
<b>Business request</b>	<b>United Kingdom</b>	<b>BRGB20230802020</b>
Profile status	Type of partnership	Targeted countries
<b>PUBLISHED</b>	<b>Supplier agreement</b>	<b>• World</b>
Contact Person	Term of validity	Last update
<b><a href="#">Rita ELSTE - TOMSONE</a></b>	<b>2 Aug 2023</b> <b>1 Aug 2024</b>	<b>2 Aug 2023</b>

### General Information

#### Short summary

Mykor is seeking paper and pulping manufacturers all over Europe who are looking to sell their waste biomass (specifically wood bark and knots)

#### Full description

Mykor's Director was a previous Innovate UK Young Innovator awardee during 2021/2022.

Mykor's proprietary thermal and acoustic insulation, feels and performs like foam but, unlike polystyrene, it is completely renewable. The MykoFoam, utilises fungi network technologies to create fire-safe insulation made with cellulosic waste from the paper industry.

The desired outcome will be to establish partnership working with paper and pulping manufacturers across Europe who will sell their waste biomass. - Mykor is looking to be supplied with waste eucalyptus bark and knots from the paper pulping process. If eucalyptus waste is not available they are open to consider other wood types.

Mykor is looking for manufacturers to supply their Portuguese manufacturing site with waste biomass and to take over logistics for shipping the waste biomass. Mykor would like to assess on a case by case basis in regards to the pricing that each supplier can propose to us and choose accordingly in terms of economic viability. They are already

engaged with the closest paper mills to their factory (one in Portugal and one in Spain) so alternative suppliers would be used more sporadically in case these suppliers are unable to provide materials within expected timeframes.

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#### Advantages and innovations

Mykor has a take-back policy welcoming all unused products from over ordering within the returns period. The aim is to be waste negative. Products are made of completely renewable resources and waste streams.

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#### Technical specification or expertise sought

PUR/PIR, Polystyrene and Phenolic insulation materials are made from plastic, they're non-renewable and their manufacturing process has high energy consumption, moreover they present a high fire risk. Mineral wool is highly fire safe, but it has an increased embodied carbon, and it is still manufactured from non-renewable resources.

Other existing low carbon solutions do not provide high thermal performance and water resistance, they are costly and still use high percentages of virgin materials.

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#### Stage of development

**Already on the market**

#### IPR Status

**IPR applied but not yet granted**

#### Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 11: Sustainable Cities and Communities**

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## Partner Sought

#### Expected role of the partner

The role of the partner would be to supply waste eucalyptus bark and knots from the paper pulping process. If eucalyptus waste is not available they are open to consider other wood types.

#### Type of partnership

**Supplier agreement**

#### Type and size of the partner

- **Other**

## Dissemination

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### Technology keywords

- **002006002 - Civil engineering**
- **002006001 - Building Materials, Components and Methods**

### Targeted countries

- **World**

### Market keywords

- **009007002 - Manufacture of building materials**
- **009007001 - Construction**
- **09007002 - Manufacture of construction materials, components and systems**

### Sector groups involved

- **Construction**