



| Session                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Start-ups/SMEs looking for Finance: pre-seed/angel/seed funding |
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| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Phast: revolutionising medical and cosmetic plastic             |
| Company                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Phast                                                           |
| Speaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Dr Andrea Mele                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |
| Keywords feedstock (max. 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Glucose; fatty acids.                                           |
| Keywords technology (max 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Bacterial fermentation; polyhydroxyalkanoates (PHAs).           |
| Keywords End-Product (max 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Medical grade PHAs; medical and cosmetic products.              |
| <b>Abstract:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                 |
| <p>It is crucial to bring onto the medical and personal care market alternative materials to address these unmet needs whilst not compromising on products performances.</p> <p>Polyhydroxyalkanoates (PHAs) represent a potential revolution in the field. PHAs are plastic materials naturally produced through a bacterial fermentation process using renewable carbon sources. They are fully biocompatible and bioresorbable in the human body, possess stable mechanical properties and are processable using established methods in the plastic industry such as extrusion, injection and blow moulding, and fiber drawing. Moreover, PHAs offer all the sustainable end-of-life options, being recyclable, industrial and home compostable, and fully biodegradable in all environments without releasing any microplastic.</p> <p>PHAsT is positioning itself at the forefront of revolutionizing these industries by providing drop-in solutions to fully replace unsustainable products without requiring changes to customers' manufacturing processes.</p> <p>PHAsT has upscaled a proprietary fermentation process, using proprietary organisms, to produce different medical grade PHAs. This allows us to meet a variety of properties requirements for customers, smoothing their transition to sustainable solutions. Moreover, we validated the processing suitability of these materials within industrial plants by developing bespoke formulations for major companies in the field. Thanks to the material science expertise of our team and by having access to state-of-the-art processing facilities, PHAsT is able to fully map out the requirements of individual products and formulate a solution with same or better properties but fully sustainable with a clear, eco-friendly end-of-life, easily achievable due to the eco-design features of our products.</p> <p>With several early customers and pilot projects already secured, we are working towards commercialising a pipeline of products starting from Q3 of 2026.</p> |                                                                 |