

3D Printing with Recycled Waste

Project pitchers: Tergel Bayarsaikhan

Organizer



Co-organizers



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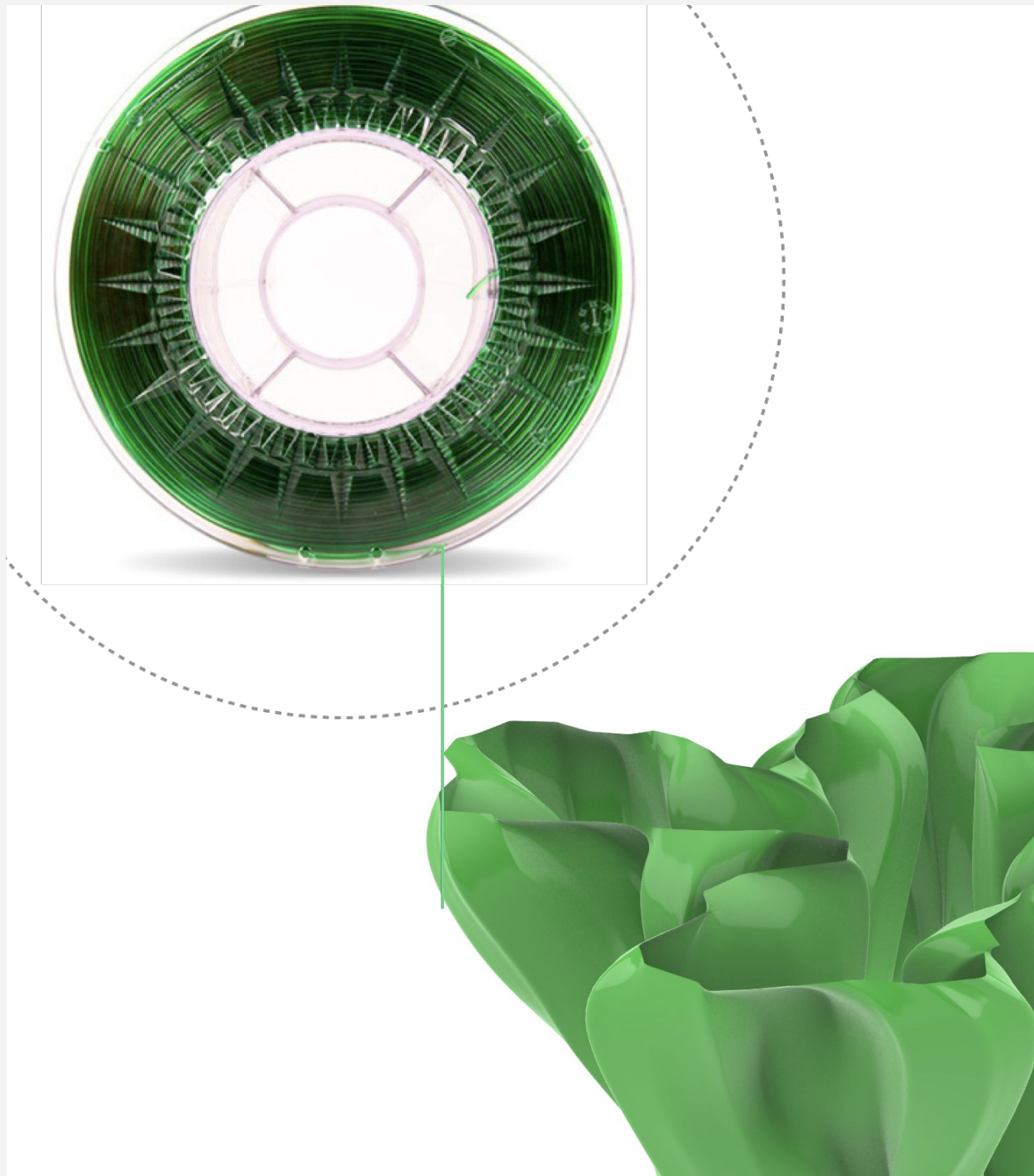


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12 Responsible Consumption and Production



Transforming plastic waste into premium 3D printing filaments.

We've harnessed this technology to create a range of exciting 3D printed products, from functional gadgets to beautiful home decor, all made with love for our planet.



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PROJECT IMPACT:

Reduce Plastic Waste and Empower Recycling

Team members, their contribution:

Chemical, Electric, Mechatronic, Civil, Industrial engineers and Architects

Partnering organizations created during matching sessions (name and location):

Hyborg LLC

Ulaanbaatar, Mongolia

Hyborg LLC





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Expected outcome of the project

- Reduce plastic waste
- Develop 3D printing technology and robotics
- Develop material science and engineering
- Empower recycling in communities
- Empower young engineers and scientists
- Create virtual products with emerging technology such as Augmented Reality



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Funding

Expected total funding (MNT or JPY)

Already secured funding (Amount (MNT or JPY) and funding sources (if not confidential))

None

Use of newly gained funding through MICS-2023

Filament making technology, 3D printers and robotics. Improvement of Merging and AR technology



Join us on this transformative journey, where sustainability meets profitability.

Together, let's lead the charge in combating plastic waste while driving innovation in 3D printing.

