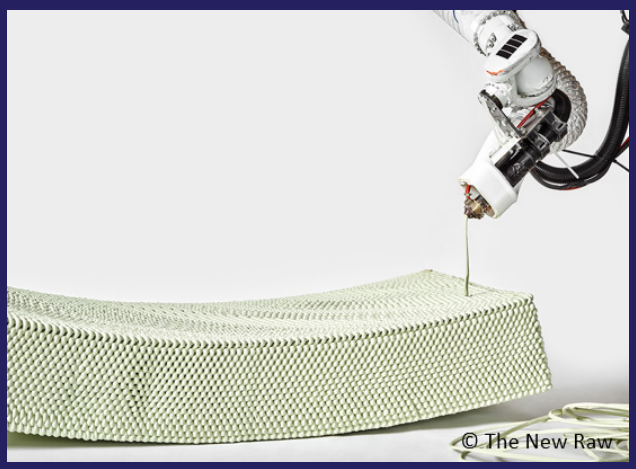
LOOP | A NEW WAY TO PRINT LARGE-SCALE 3D OBJECTS



WHAT IS LOOP?

LOOP is an algorithm allowing the creation of large-scale 3D printed objects, mimicking crochet or willow weaving. The solution opens new possibilities for 3D printing based on traditional crafts, such as willow techniques, basketry, weaving, knitting and crochet, with a larger bracket of range acceptability.

LOOP, which is re-inventing traditional crafts in additive manufacturing, was developed as an output of the team ODC 3D during the EU-funded Better Factory project. The ODC 3D team is made up of the SME The New Raw (The Netherlands), the artist Gareth Neal (UK), and the technology provider Artific Intelligence (Finland).

WHAT ARE THE BENEFITS?

- Makes it possible to use 3rd life (or 3x recycled) waste
- Reduces printing time by 50% due open woven structures
- Uses less material than solid structures

WHERE CAN BE USED?

LOOP is currently being used by SME The New Raw to produce a series of artistic vessels and a series of playful benches called “Knotty”. The possible applications for this new printing method are very diverse, ranging from construction to furniture, from outdoor to indoor.

MORE INFO AND CONTACT

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ABOUT BETTER FACTORY

Better Factory is an EU-funded project that invites Small and Medium-sized Manufacturers (SMEs) to redesign their current product portfolio together with Business and Arts mentors and Technology experts.

Find out more at:

BETTER FACTORY

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