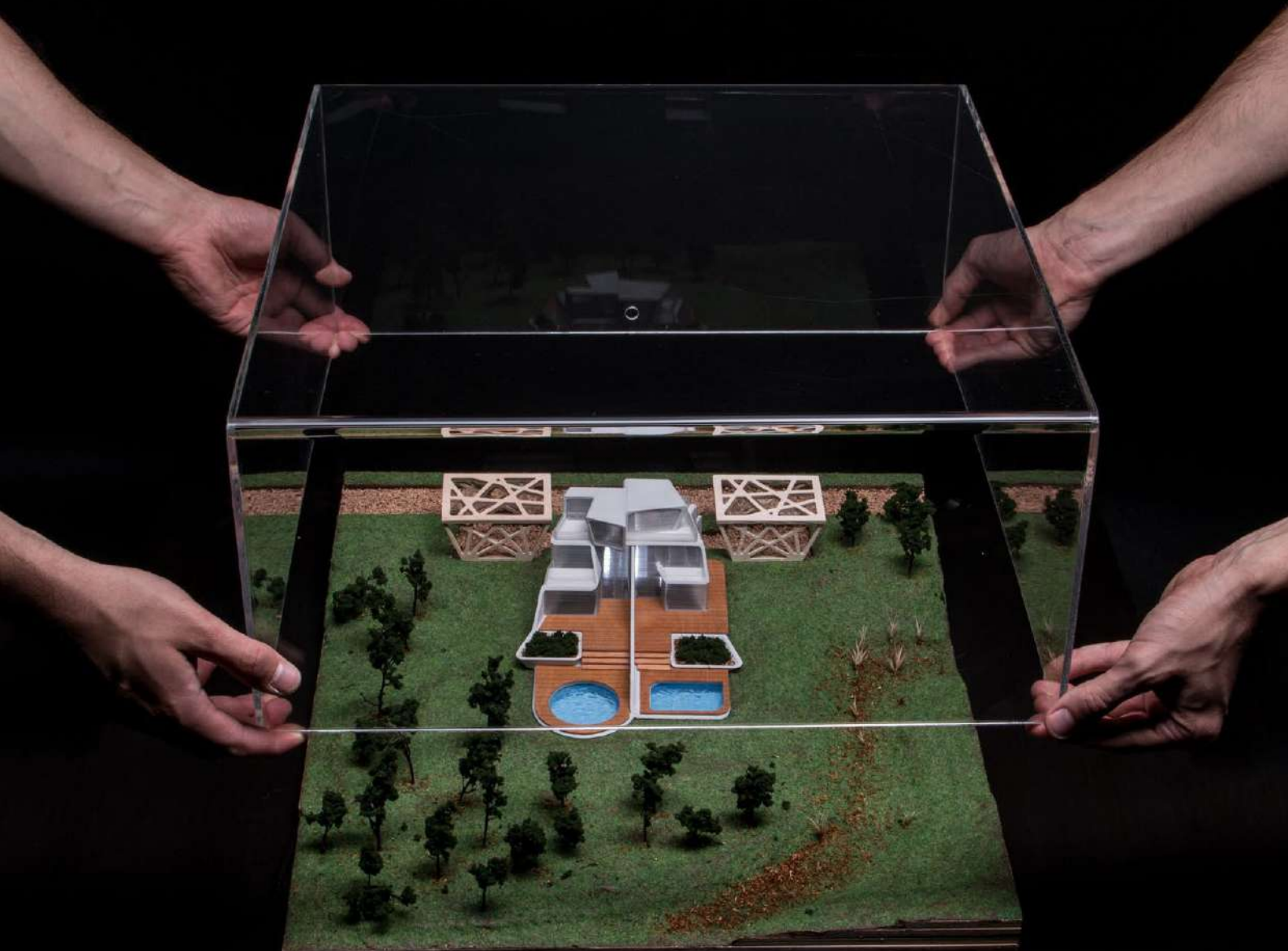




Multi-Material Architectural Model Made with Multitool 3D Printer



Desktop 3D printing, CNC, and laser combined in one stunning multi-material architectural model.

This desktop mini-factory enables combining single and multi-material 3D printing, CNC milling, laser cutting, and engraving. The architectural model presented in this article was designed and manufactured by Paula Szarejko using ZMorph 2.0 SX. It shows how a freelance designer, small architectural studio, or even a big company, can create a multi-material architectural model that's both beautiful and useful.

Multitool 3D Printers for Professionals

Manufacturing of every multi-material architectural model is now quicker and more cost-effective when using a multitool machine like ZMorph VX. With a wide range of compatible materials and digital fabrication methods, you can go beyond single-material 3D printing and achieve results previously exclusive to hand-made models at a fraction of time and money.



Architectural models.

90% of professionals who own a 3D printer consider it as their competitive advantage. With up to 75% lower production costs, the technology enables them to focus on creativity and new ideas instead of struggling with the limitations of traditional production processes. Architecture design is among professions that benefit from 3D printing the most. Now multitool 3D printers give architects even wider possibilities to quickly design, prototype and present their ideas in a tangible way.

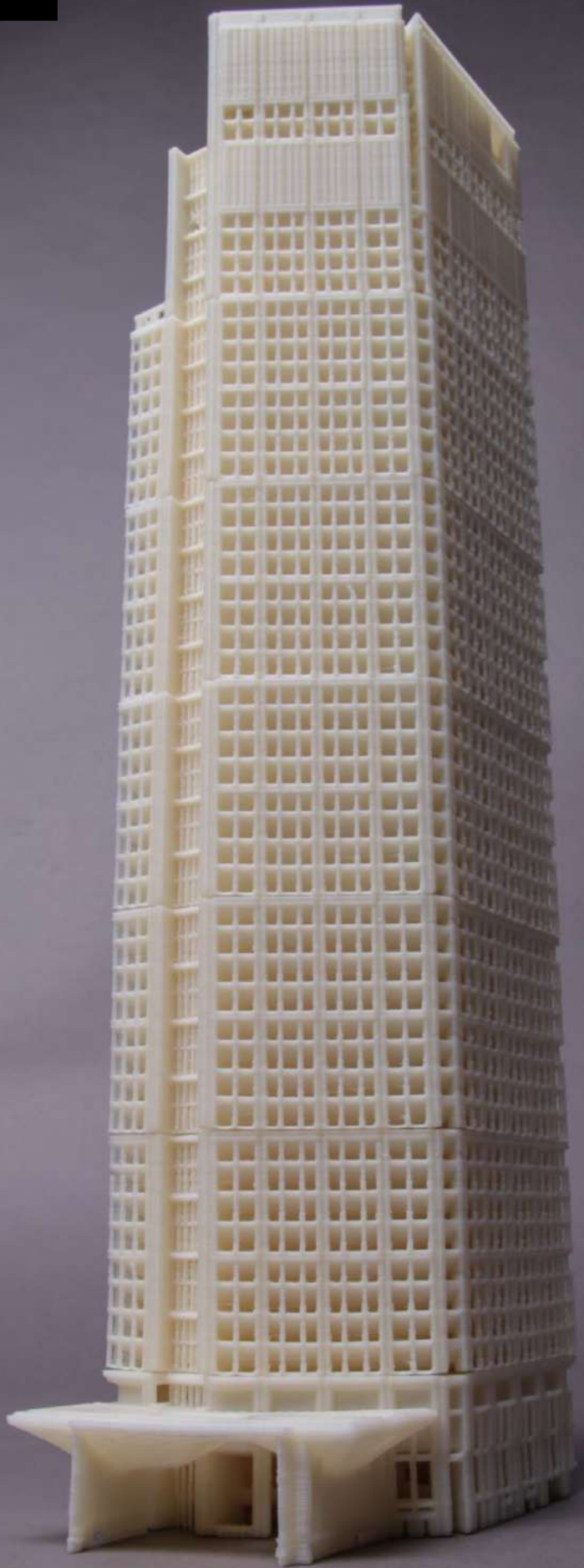
Industries:
architecture

Recommended fabrication
methods:
3D printing
CNC
Laser

Recommended materials:
ABS, PLA, all types of wood,
polycarbonate, acrylic



“Varso Tower”. 3D printing. Model by Foster + Partners.

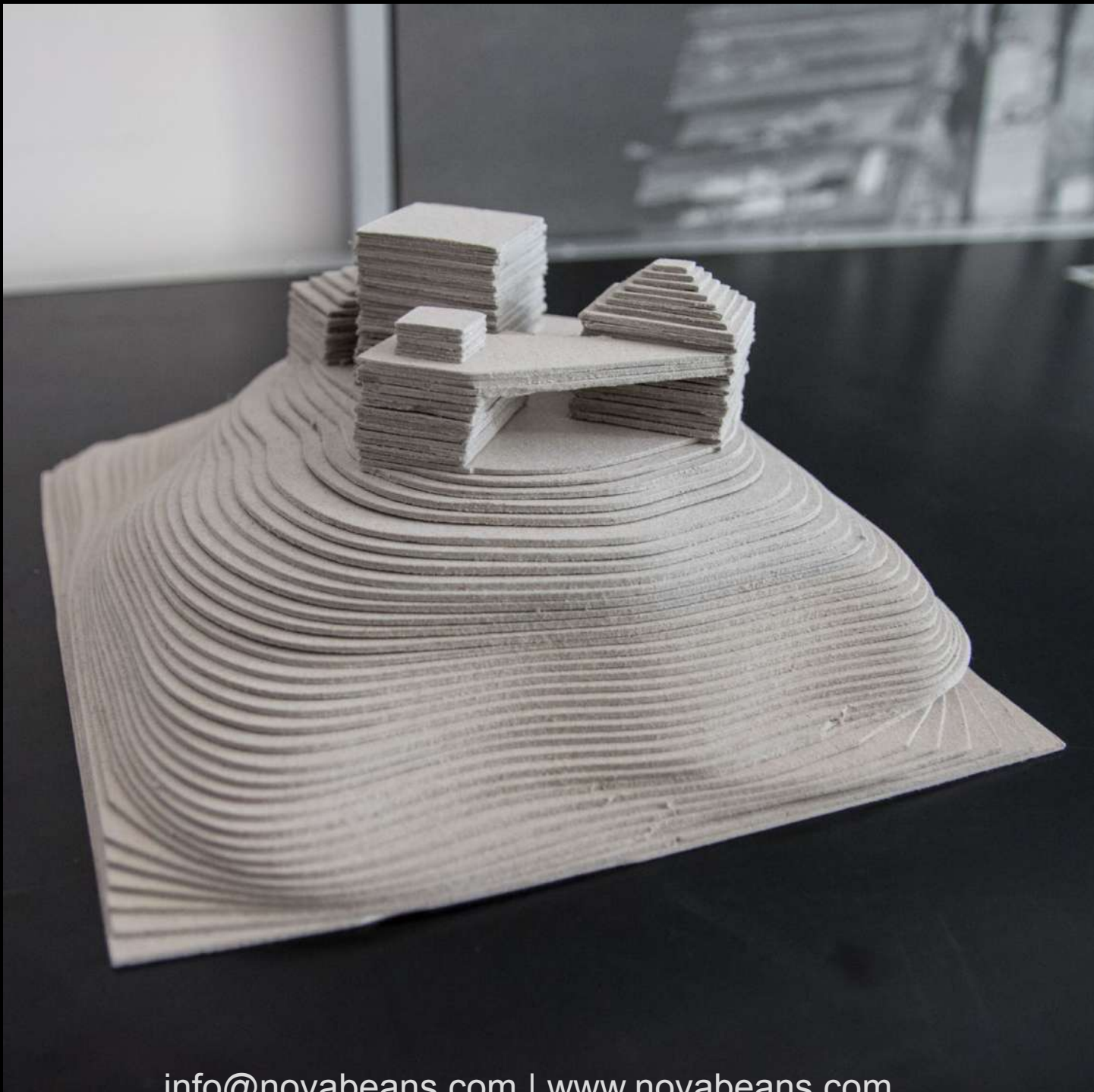


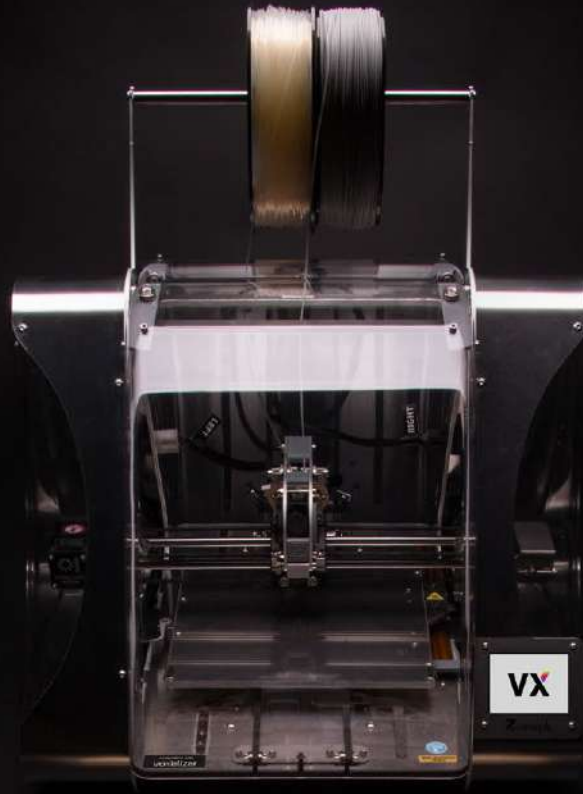


“La Garenne Co-
lombes”. 3D printing.
Model by Foster +
Partners.



Schematic mockup of a house on a hill. CNC milling. Author: Paula Szarejko.





Multi-material
3D Printing



CNC



Laser