

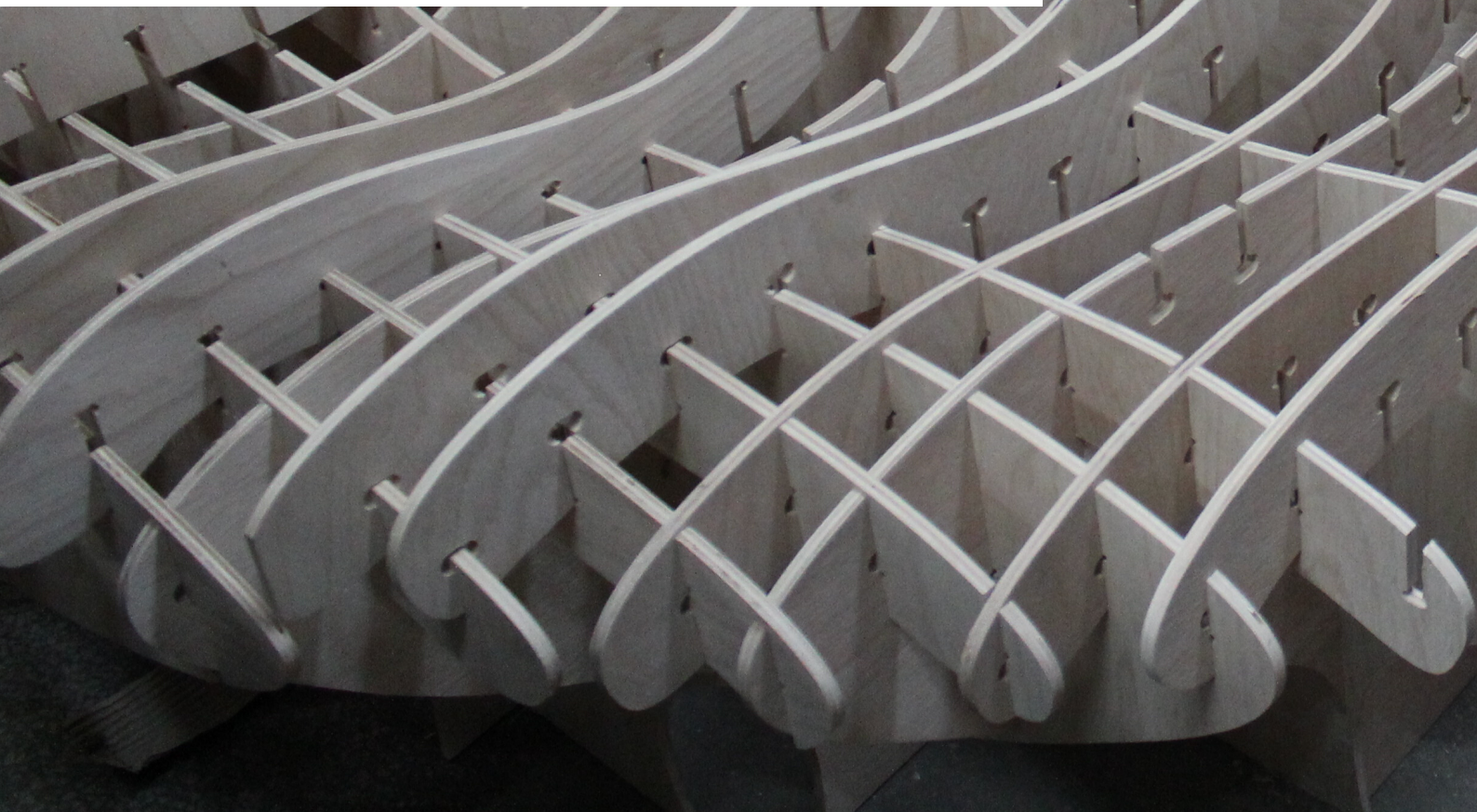


Urban INC

STEAM Disrupt LAB

Powered by
Birmingham City University

**STEAM-inspired prototype development
for key societal challenges**



context

STEAM Disrupt is a partnership between Birmingham City University (UK), Urban INC (RO) and Polycular (AT).

The project (April 2018 - March 2020) is funded by the European Commission through the Creative Europe programme, as part of an experimental call in advancing arts and science modules in master programmes.

Between April and May 2019 Urban INC conducted an innovation lab for undergraduate and postgraduate students in Birmingham and Bucharest on developing prototypes for city challenges through STEAM methods.

Participating students' profile:

Creative: Artistic work, especially work that applies technology

Innovation: Service design, urban innovation and digital user experience

Making: Tech or traditional making, product design or technology

Engineering & Computing: Computer software development and coding

Architecture and Urban Studies

process & results

The Bucharest open lab tapped into local resources and know-how and helped students with strengthening their critical and creative skills. By the end of the module students were able to:

- identify societal challenges
- observe and understand potential needs, market gaps, and social behaviours
- form interdisciplinary teams
- articulate a concept proposal
- design a roadmap for prototype development

Prototype concept proposals:

SMART BENCH

LabelIT

Module Partners:

NOD Makerspace

BAZA

AmalS



www.urbaninc.ro

STEAM Disrupt partners:



BIRMINGHAM CITY
University

