

BRICK ACADEMY GORIČKO

According to the UN, buildings and construction are accountable for 39% of all CO2 emissions. In addition, the carbon footprint of each material is increased through transportation and finally demolition.

The proximity between raw material extraction and further processing, between producer and consumer, must again become a valid criterion. The conversion of existing buildings, their transformation and expansion must be reconsidered before building anything anew. The linear understanding of material cycles must give way to a circular economy that takes reuse and recycling into account.

The design studio aimed to research bricks as one of the eldest, long-lasting, yet contemporary building materials to develop a BRICK ACADEMY in the Goričko Nature Park, which addresses the potentials of the rural region, its material resources and local craftsmanship. A site in the village of Grad served as a testing ground for the research, production and presentation facility devoted to bricks.

The exhibition shows the outcome of the design studio, which has been formulated upon these fundamentals. Eight design proposals are linked respectively to specific research on construction principles of brick-masonry through selected architectural reference on the one hand and innovative material compositions and their production processes on the other.

Prof. Tina Gregorič, Eva Mair

AKADEMIJA OPEKE GORIČKO

Po podatkih Združenih narodov ustvarijo stavbe in gradbeništvo 39 % vseh emisij CO2. Ogljični odtis je le še večji, ko prištejemo vpliv prevoza materialov ter končnega rušenja.

Pomen kratkih razdalj med virom in mestom predelave surovin ter njihovo nadaljnjo uporabo – torej med proizvajalcem in potrošnikom – mora spet postati tehtno merilo. Preden se odločamo za novogradnje je treba najprej pretehtati možnosti prenove, preobrazbe in širitve obstoječih stavb. Linearno razumevanje materialnih ciklov mora dati prednost krožnemu gospodarstvu, ki vzpodbuja ponovno uporabo in recikliranje.

Cilj seminarja je bil raziskati opeko kot enega najstarejših in obstojnih, a vendarle sodobnih gradbenih materialov; v naravnem parku Goričko pa razviti Akademijo opeke, ki izpostavlja potencialne podeželja, lokalne materialne vire in obrtništvo. V vasi Grad je seminar zasnoval testno območje za objekt, ki hkrati služi namenom raziskave, proizvodnje in promocije opeke.

Na razstavi so predstavljeni izsledki seminarja, ki temeljijo na zgornjih predpostavkah. Vsak izmed sedmih projektov se odziva na specifičen pristop k raziskavi gradbenih principov zidanja z opekami skozi izbrane arhitekturne reference na eni strani ter inovativnimi sestavami materialov in njihovimi proizvodnimi procesi na drugi.

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