

Cooperatively design and manufacture tools for small-scale agricultural production

Συνεργατικός σχεδιασμός και κατασκευή εργαλείων για γεωργική παραγωγή μικρής κλίμακας

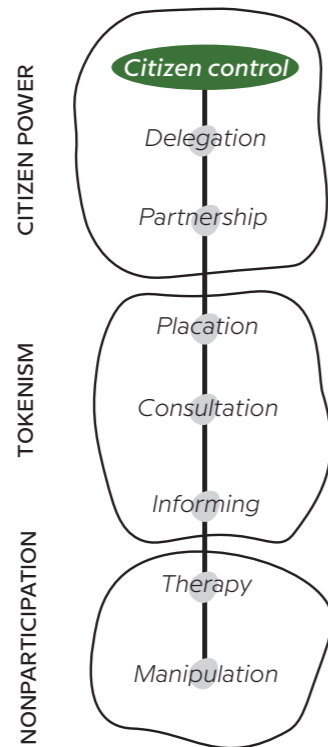


LOCATION
Demati and Kalentzi, Greece

TIME PERIOD
From 2015 to 2021

THE PROJECT

Despite their different locations, these two projects have in common to be maker spaces supporting cultural functions and connected to the natural environment. In “Tzoumakers” building (Kalentzi), people try to revive the area’s tradition of craft and making things by hand in order to create places where citizens seize technology. “The High Mountains” in Demati, is a social cooperative where people try to revive their villages in a holistic way.



the main condition for them to come to life remains the human capital.

RESULT

The targeted impacts are partly achieved and the beneficiaries are the people that take part in these projects. The inhabitants showed their curiosity by participating in these activities and were excited to see something different happening in their villages. In Tzoumakers, most of the tools built by the community are now used and repaired internally while in The High Mountains, new virtuous ways of cultivation have been developed. In addition to this, local communities can now interconnect on a more global scale to share their experience, ideas, solutions, and tools as a common resource. These projects have increased solidarity between communities.

DESCRIPTION OF THE SPACE

This case study is a network of places connected and Demati and Kalentzi are the main locations of this network. All have many characteristics which define them as a remote place: low population, few inhabitants that have difficulty in accessing daily-life support facilities, an economy turned towards agriculture and no good transportation links to the cities, which are far away. From these facts, the local population feels remote. These villages have sufficient public spaces regarding the number of people but they are not well equipped.

Mountains was created by the people who live and produce in mountainous areas.

ROLE OF THE LOCAL COMMUNITY & METHODS USED

Tzoumakers building is an open lab where more suitable tools are designed for small-scale agricultural production. The local community is involved by its participation in workshops where they can manufacture and borrow tools. In the case of the High Mountains, the local community organizes the High Mountains Solidarity Tour. In this project, inhabitants share their culture and history with visitors. Moreover, activities can intertwine: in fact, members of the two projects met and a tool was made by Tzoumakers. It may after help a new farmer of The High Mountains. If these projects are supported by some associations and institutions,

WHAT MAKES THE SPECIFICITY OF THE PROJECT

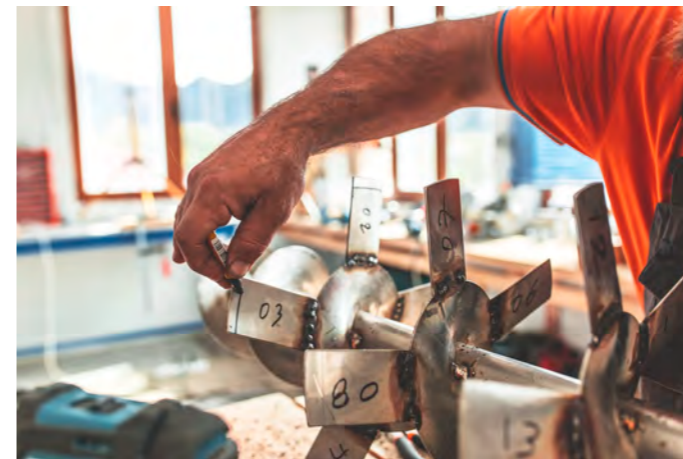
These projects are the result of citizen initiatives. For instance, the social cooperative of The High



“Tzoumakers” space
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“The high mountains” space 2
©The high mountains – photo by Sotiris Tsoukarelis



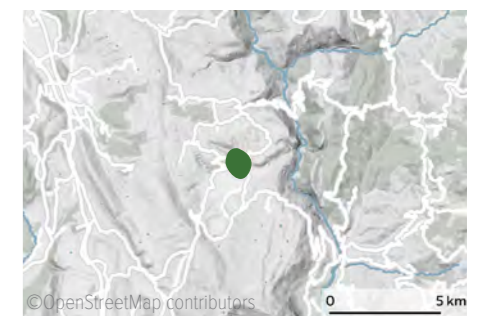
Construction
©Tzoumakers – photo by Nicolas Garnier, Creative Commons licence



Testing the grinder for aromatic plantsw
©Tzoumakers – photo by Alekos Pantazis



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Kalentzi (Tzoumerka), Demati (Zagorochoria), Ioannina, Greece

more about this project



Creative works in
small and remote
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Link to the publication:
<http://www1.uirs.si/en-us/book/id/119>