

Communities- OSBH - Open Source Beehives

1. The Open Source Beehives (OSBH) project is a globally connected network of citizen scientists tracking bee and pollinator decline. The open source sensor-enhanced beehives study the health of honeybee colonies globally. The primary goals of OSBH is to connect the beekeeping and science communities through the common goal of good data acquisition. OSBH also aims to determine the cause(s) of bee decline and identify good beekeeping practices, and further, to encourage citizens to participate in the process of supporting bee health.

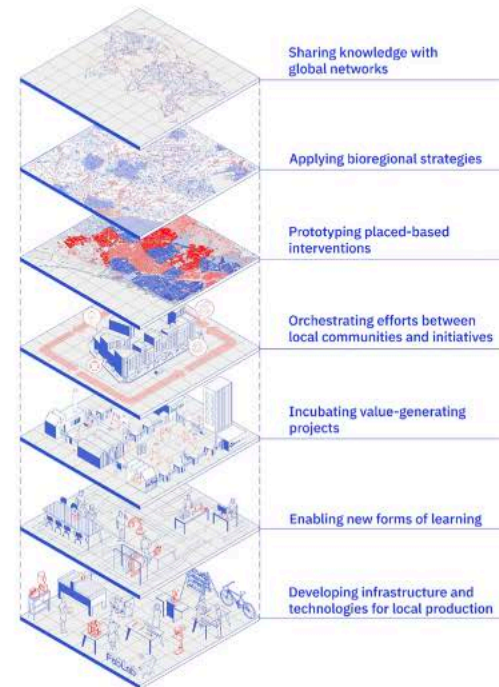
- Layer 1- Developing infrastructure and technologies for local production

-OSBH are using distributed design and digital fabrication, the beehives and the data collection can be recreated by communities (current 600 beehives in 20 countries)

- Layer 2 - Enabling new forms of learning

-Nature learning in urban areas, data collection of wildlife in cities (before its was usually done only in nature)

2. Stakeholders includes the bee's, founders, designers, local volunteers, change makers, Fab Labs, Bee keepers, various Ngo's and global initiatives collecting and storing the data. Relationships between the various stakeholders made the initiative and later the spin off company successful. Reaching the purpose off bee conservation and eco-system monitoring to maintain the biodiversity also in urban areas.



References: <https://www.osbeehives.com/> & <https://fablabbcn.org/projects/osbh-open-source-beehives>

