



## WHY

Our compass: [increasing health and happiness in the Thyrea area](#). Aligning the economy with ecology and the human spirit. By-effects:

- Climate mitigation (carbon in soil, water retention)
- Healthy food self-sufficiency
- Lots of education and inspiration for young people created

[What DO we want](#): Increased health. Increased biodiversity. Young families to come back to the area, attract travelers and tourists, education opportunities. An ecological economy.

[What DON'T we want](#): Greed. Outsiders, foreigners to decide what Greek people want for their land and their country. Pollution of air, water, and soil. Waste, organic or inorganic.

A community bio fab lab is a good way to reintroduce green chemistry and science back into the community. Highly educated young people get opportunities in the area. Jobs or entrepreneurship.



## MERAKI PEOPLE – COMMUNITY BIO FAB LAB



### HOW

A community bio fab lab needs some investments. A building. Microscopes and other tools. Entrepreneurs or employees to earn a salary.

Perhaps a university or other Greek bio lab can be found to invest in a subsidiary. Perhaps an entrepreneur takes up that role. Or the community finds an alternative cooperative construction.

### WHAT

The following steps can be taken to make it happen. Every entrepreneurs makes her or his own choices. All collaborations are between partners who trust each other and are complementary in skills and talents. Alliances with relevant universities in the area and international frontrunners are very important for the community bio lab.

- **Aim: analyzing for health** – the journey towards an ecology economy is full of experimenting, quick prototyping and finding the best routes. Analysis is important to measure if we are on the right track or if we have to improve certain methods
- **Aim: analyzing for increased product prices** - the regenerative olive farmers will need analysis to prove the high phenolic compound (432/2012). The mushroom farmers need proof that their mushrooms are higher in nutrients than regular ones. The natural yeast product producers, 3D ocean farmers or algae producers need analysis. Etc.
- **Aim: developing new production methods** – perennial phytofarming (phytomining in biodiverse forests) will need pyrolyse processes while making biochar. Inoculated biochar will be a product in huge demand in an ecological economy. It creates healthy living soil, carbon is captured if done well, it retains water, and biomass can be cleaned
- **Methods used and explored in the bio lab** – Green chemistry. Perennial phytofarming (retrieving metals and minerals out of the plants and trees). Research for creating 3D printing materials locally. Deep research into metamorphosis: mushrooms transform hard matter (cellulose) into spongy matter (mushroom) via the mycelium. These kinds of processes are essential for progress in an ecology economy
- **Aim: education and inspiration** –students, universities and polytechnics can be aligned. Children can be inspired. We can organize events to involve the communities. We can explain and make Greek education materials.

It all starts with a desire in the community and a demand. Income streams will come from farmers, from universities and production companies.

**The role of Abundantism** <https://www.abundantism.com/> will be a mentoring/educational one. We can create educational materials for all people to understand. Inspiration and education are our tools. We will share our findings broadly for other areas in the world to be inspired. So anyone can create an ecological economy. Our specialties are communication, education, deep ecology, cluster economy, and biomimicry technology. We like to be mentors for people in action.