



## ***Collaborative Production for the circular economy: A community approach, (Pop-Machina)***

**Programme** HORIZON 2020

**Project** The POP - Machina project encourages new business opportunities, new business models and collaborative production schemes. Urban planning tools (urban / spatial analyzes, environment, architecture and design) are used to create, guide and strengthen cyclical co-production in urban processes, aiming at finding the areas more in need of our intervention and reconfiguring unused spaces.

Note that the products and materials produced will be distributed through a platform created by POP-Machina, while the best product will be awarded by the project.

### ***Role of Municipality of Piraeus***

The Municipality of Piraeus is actively involved in the project as one of the partners that will implement pilot projects, as it is a place where different business, commercial, cultural and artistic activities meet, offering various nodes of creativity and innovation and collaborative opportunities.

Among other things, Municipality will implement a) a maker space which is going to be equipped with the necessary mechanical equipment and b) a community of makers, consisting of people who will be motivated to produce things locally in Piraeus, with one sustainable way that aims at reusing materials and creating new products. From this community of makers, the maker champions will be selected, who will be trained by the competent partners of the program in the use of the equipment of the space, the creation of products, the use of the materials and the promotion of the produced products.

Note that the goal of the Municipality of Piraeus is to preserve the maker space and after the end of the project POP-Machina (ie after 2023) as a space for creativity in our city.

The makerspace will be located in a central point of the Municipality where specific groups of people and the general public will be able to visit it.

It will also be a point of information/ education that focuses on how users and visitors can contribute more to this effort of implementing the circular economy in the Municipality.

The targeted groups as makers are:

- Members of the Chambers / Craftsmen, Employees
- Students and teachers (Local schools, University students, etc.)
- Marina Zeas employees, fishermen and other Marina users
- Non-governmental organizations, etc.

- local shops, galleries, etc.
- people with special needs, retirees, children with special needs, etc.
- unemployed
- social cooperatives

- Partnership**
- 1) Catholic University of Leuven – Leader - Belgium,
  - 2) STAD LEUVEN - Belgium,
  - 3) CREVIS SPRL - Belgium,
  - 4) DIMOS THESSALONIKIS - Greece,
  - 5) DIMOS PEIRAIAS - Greece,
  - 6) Q-PLAN INTERNATIONAL ADVISORS PC - Greece,
  - 7) UNIVERSITY OF MACEDONIA- Greece,
  - 8) AYUNTAMIENTO DE SANTANDER- Spain,
  - 9) UNIVERSIDAD DE CANTABRIA- Spain,,
  - 10) Municipality of Gemeente Venlo - Netherlands ,
  - 11) TECHNISCHE UNIVERSITEIT DELFT- Netherlands ,
  - 12) Istanbul Metropolitan Municipality - Turkey,
  - 13) ISTAC ISTANBUL CEVRE YONETIM SANAYIVE TICARET AS - Turkey ,
  - 14) PLANET TURKEY YONETIM VE GELISTIRME DANISMANLIK ANONIM SIREKTI- Turkey
  - 15) KOC UNIVERSITY- Turkey ,
  - 16) KAUNO MIESTO SAVIVALDYBES ADMINISTRACIJA - Lithuania,
  - 17) ISM VADYBOS IR EKONOMIKOS UNIVERSITETAS UAB- Lithuania ,
  - 18) THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE – United Kingdom
  - 19) ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS- Greece,
  - 20) WHITE RESEARCH SPRL- Belgium ,
  - 21) COMMONLAWGIC MAKE- Greece ,
  - 22) INTRASOFT INTERNATIONAL SA - Luxembourg,
  - 23) INSTITUT D'ARQUITECTURA AVANÇADA DE CATALUNYA – Spain.

**Duration** 48 months (01/06/2019-31/05/2023)

**Budget** 379.375,00 €

**Site** <https://pop-machina.eu/>