

# A few words about Phygital...

Project Phygital is implemented under the transnational Cooperation Programme "Balkan - Mediterranean 2014-2020" under the name «Catalysing innovation and entrepreneurship unlocking the potential of emerging production and business models», with a duration of 24 months and a total budget of 855.172,79 € divided to the following seven project partners.

## Partners

### Lead Beneficiary



Open Technologies Alliance  
Greek Free/ Open Source Software Society  
gfoss.eu

### Partners



Stichting Peer to Peer Alternatives – P2P Lab  
p2plab.gr



Lakatamia Municipality  
lakatamia.org.cy



Open Labs  
openlabs.cc



Municipality of North Tzoumerka  
voreiatzoumerka.gr



University of Nicosia Research Foundation  
unrf.ac.cy



The National Center of Folklore Activities  
www.folklor.gov.al

Design Global. Manufacture Local

[phygitalproject.eu](http://phygitalproject.eu)



Phygital Project



This publication has been produced with the financial assistance of the European Union. The contents of the publication are sole responsibility of Greek Free/Open Source Software Society and can in no way be taken to reflect the views of the European Union, the participating countries the Managing Authority and the Joint Secretariat.

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Project co-funded by the European Union and National Funds of the participating countries

**Interreg**   
Balkan-Mediterranean  
European Regional Development Fund  
Phygital

## Phygital

Catalysing innovation and entrepreneurship  
unlocking the potential of  
emerging production  
and business models



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## In a nutshell

Phyigital envisages the **pilot implementation, evaluation and promotion** of an emerging production and business model, based on the convergence of **global digital knowledge commons** of various open source projects with **local distributed manufacturing capacities**.



This convergence has been codified as "**Design Global, Manufacture Local**" (DGML) and has been exemplified in the seed forms of many successful open design and commons-oriented projects. DGML models introduce **sustainable paths to innovation and entrepreneurship** and present a potential transition towards a more open, sustainable and inclusive economy and society.

**Phyigital** aims to experiment with local **physical** practices in agriculture and husbandry (Greece), social arts (Cyprus) and cultural heritage (Albania) and connect them through a **global digital** commons of knowledge, software and designs.

This process aims to catalyse the creation of **innovative solutions** to local challenges and support **creative entrepreneurship and livelihood**. Moreover, by bringing together diverse stakeholders Phyigital will foster the development of **trans-local synergies** that may scale on global level.

## Scope and objectives

Phyigital aims to deploy **globally available knowledge** to mobilise **local productive capacities**. It will Design Global, Manufacture Local innovative solutions to address the territorial disparities of the area, through:

- ⚙️ a digital **socio-technological platform** for the open sharing of knowledge, software, tools and designs;
- ⚙️ three interconnected **community-driven makerspaces** equipped for distributed manufacturing
- ⚙️ scalable **pilot programmes** targeted in different domains for each area: agriculture & husbandry in Greece; social arts & practices in Cyprus; and cultural heritage in Albania



The project partners become part of this process and are tasked to facilitate **community building** and interaction around the local makerspaces; design and catalyse the **pilot activities**; document the **knowledge and practices** to the digital platform; and support the formation of **entrepreneurial coalitions** around them through training activities and the **Phyigital Network**, an open, cooperative network of professionals and companies supporting **DGML economic models**.

## Outcomes & Results

The main outcomes of Phyigital include **tools, methods and practices** for a DGML transition through:

- ⚙️ the **Phyigital platform**, documenting knowledge and designs from the pilot activities and creating connections with other existing and emerging projects and communities on global level
- ⚙️ the **local makerspaces**, providing access to distributed manufacturing tools and machinery, fostering collaboration, experimentation and technological learning
- ⚙️ prototypes of **innovative solutions**, tools and technologies customised for local challenges
- ⚙️ **studies, research reports and policy proposals** related to challenges and prospects of the participating areas
- ⚙️ an **open transnational network** for the support of sustainable forms of innovation and entrepreneurship
- ⚙️ a **common sustainability plan** focusing on the project rationale

In line with the EU and national strategies for territorial cohesion Phyigital will contribute with:

- ⚙️ the improvement of the overall conditions for **sustainable development** through responsible innovation and collaborative practices
- ⚙️ the diffusion of **knowledge and technology** in the area, including less advantageous social groups, SMEs and the social economy
- ⚙️ the enhancement of **local capacities for innovation** and learning through knowledge transfer and exchange of good practices
- ⚙️ the encouragement of networking and the development of **trans-national synergies**
- ⚙️ policy proposals for the support of **open innovation** and the **commons-based economic models**
- ⚙️ the mobilisation of people and organisations to **meaningful work** for the **social benefit** and the creation of **sustainable livelihoods**