Phygital
Design Global, Manufacture Local
A sustainable way to produce, share and live!

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Phygital is a transnational co-opertion project, bringing together partners from Greece, Cyprus and Albania. It explores a **new mode of production**, which is based on the convergence of **global digital commons** of knowledge, software and design with **local manufacturing technologies.**

Seeds of this model codified as "Design Global, Manufacture Local (in short DGML) have been exemplified by prominent projects and initiatives in free and open source software, open design and open hardware domains. Projects such as RepRap, Farm Hack or WikiHouse demonstrate the potential of this approach in different fields, with various important technological, social and economic dimensions. Communities around the world can **organise around pooled resources, share knowledge and technology** across the globe and co-create customised solutions to cover their needs, **adapted to the local biophysical conditions.**

Phygital aims to build the necessary *physical* and *digital* **infrastructures** to support such forms of production, facilitate collaboration and enhance their economic sustainability, namely:

- three **community-driven** makerspaces, equipped with distributed manufacturing technologies, including high-end digital fabrication machines, as well as traditional tools;

- a **digital platform** for the stewardship of a global commons of knowledge, software and design.

Launched in September 2017, **three scalable pilot programmes** have been designed and are currently under-way concerning:

- agricultural production in Northern Tzoumerka, Greece;

- social arts and practices in Lakatamia, Cyprus; and

- cultural heritage in Korce, Albania.

Local communities **collaboratively design and manufacture solutions** to service practical and social needs and form **entrepreneurial coalitions** to create livelihood, sustain and further invest in their common living and well-being.

To find out more about the project, partners and pilots
phygitalproject.eu

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