



To be or not
to be?



To be!

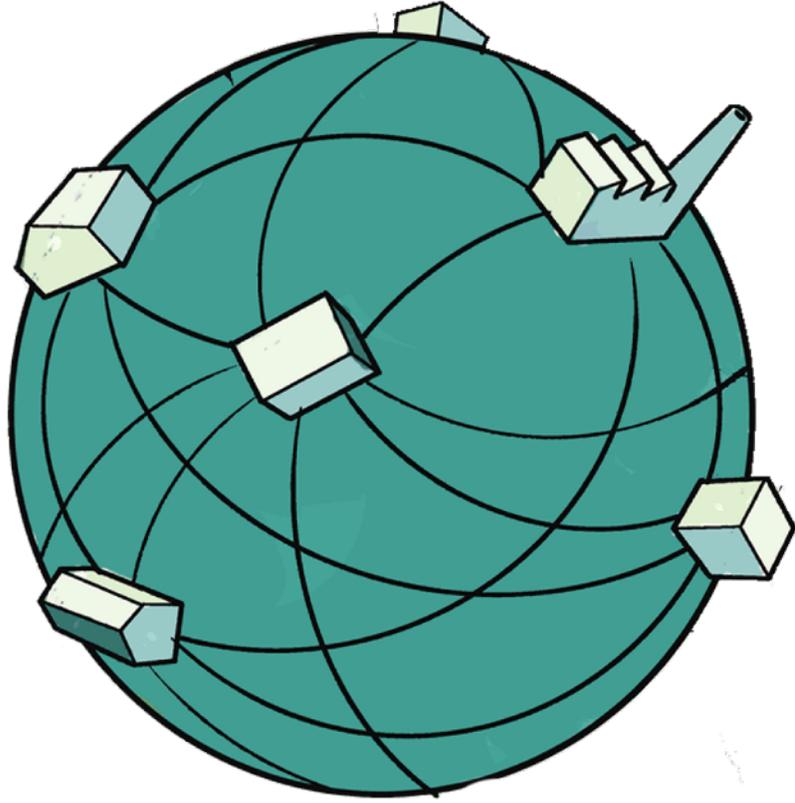


Is there an
alternative?

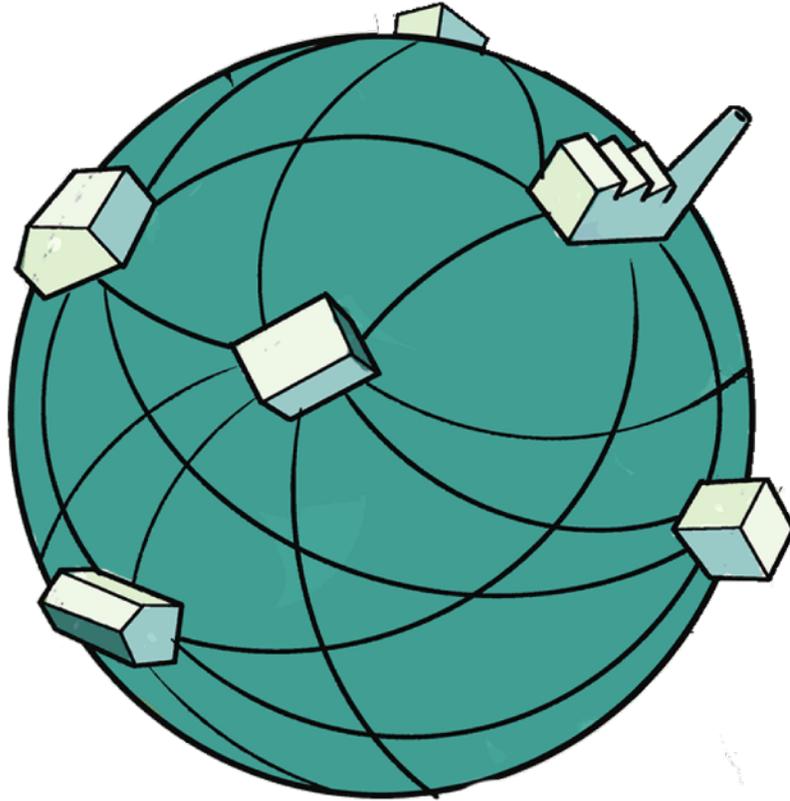


Yes, there is!





commons

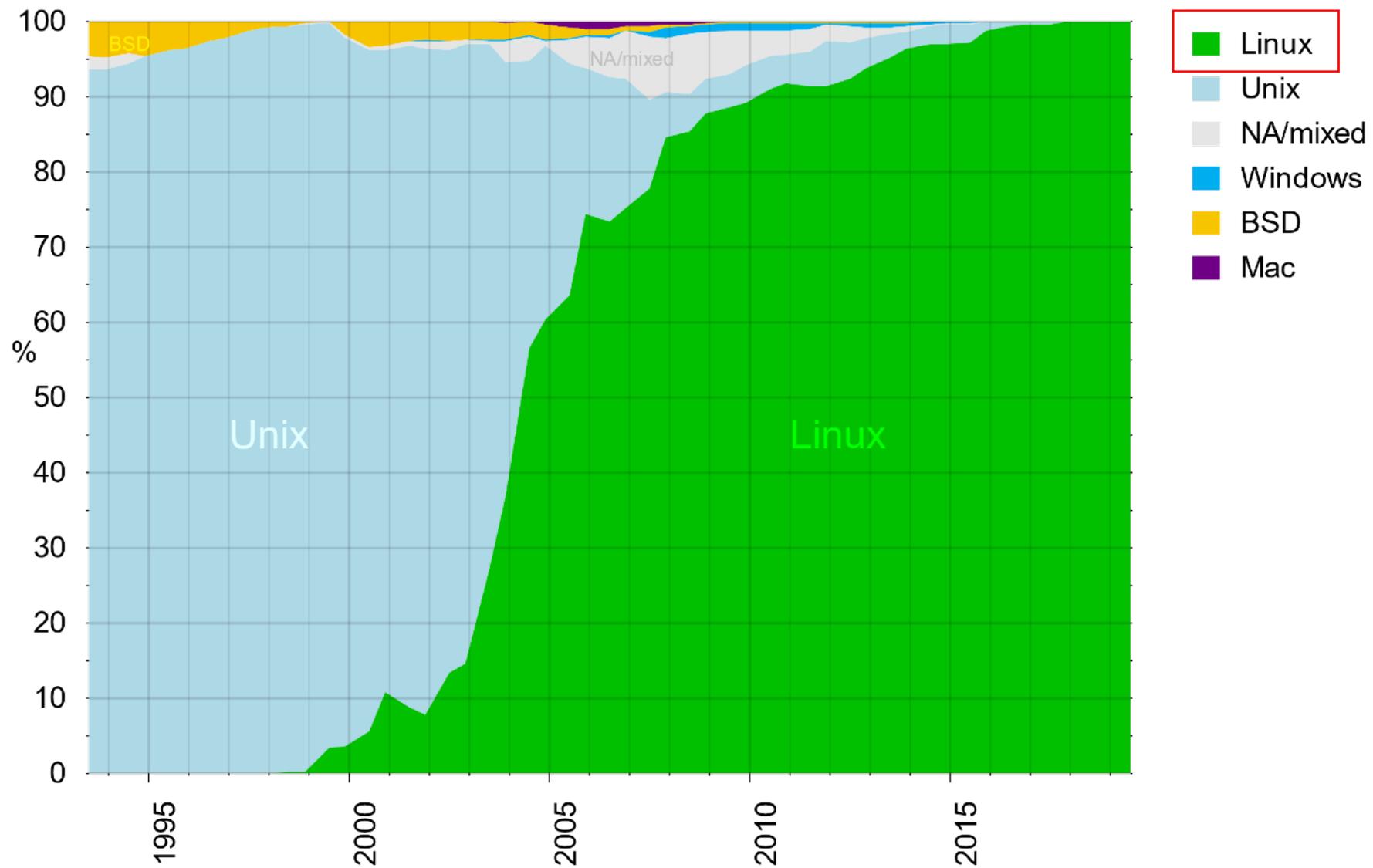


cosmolocalism

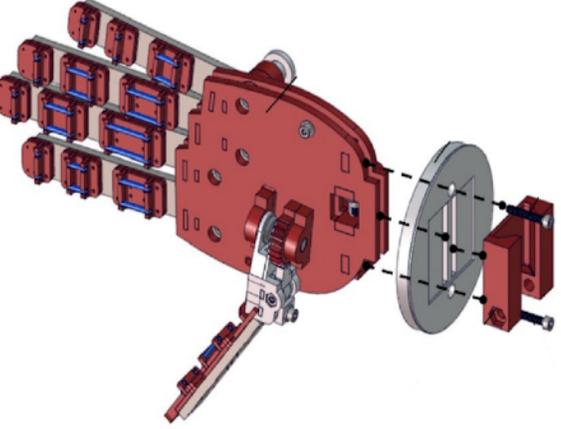
software



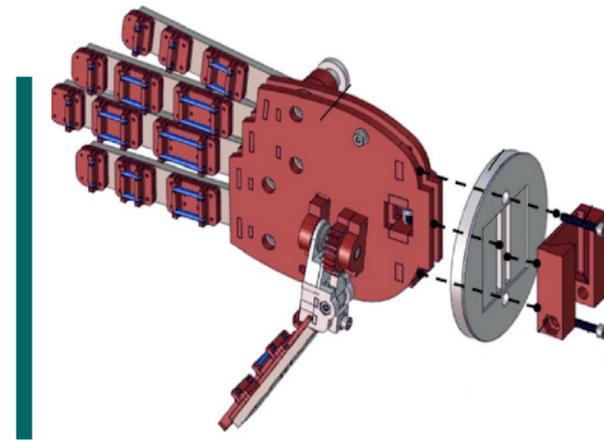




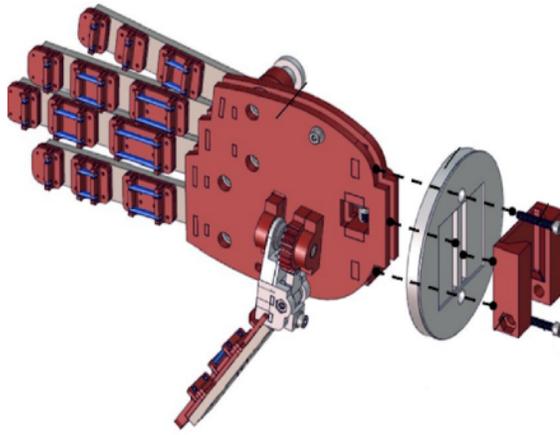
hardware



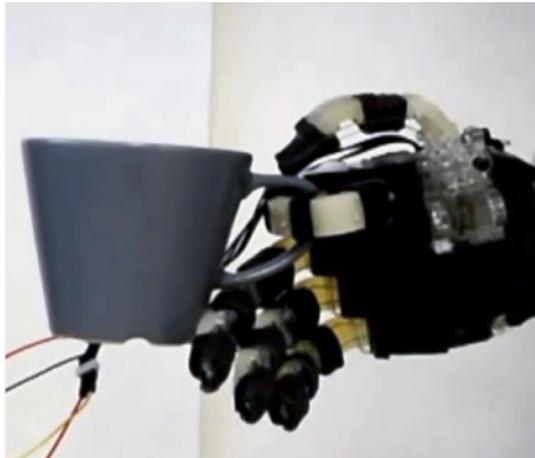
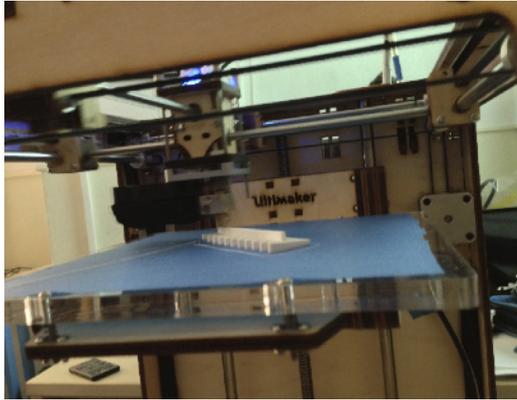
Digital commons

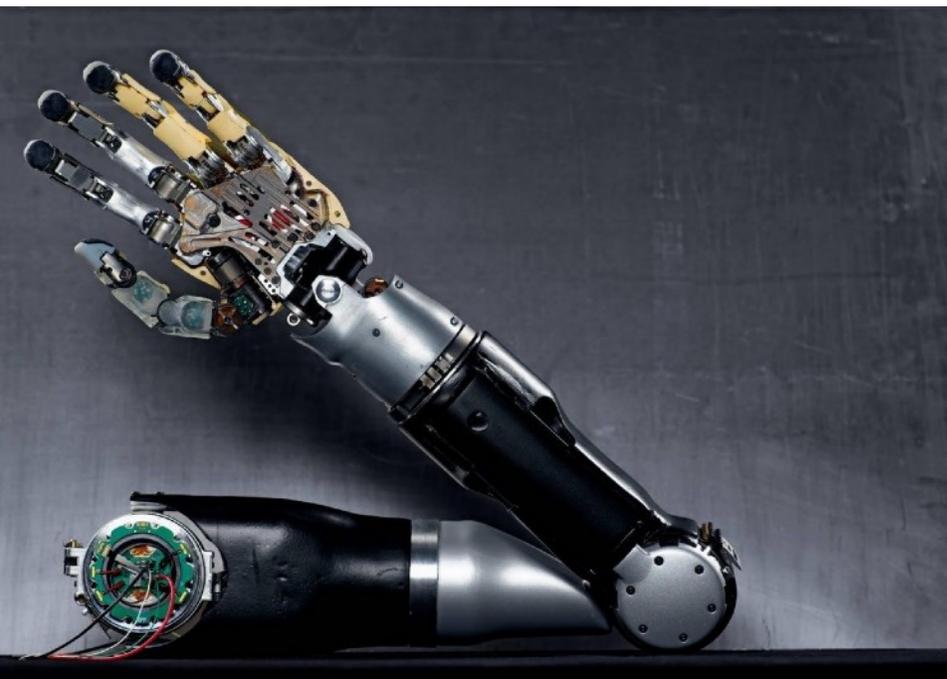


Digital
commons

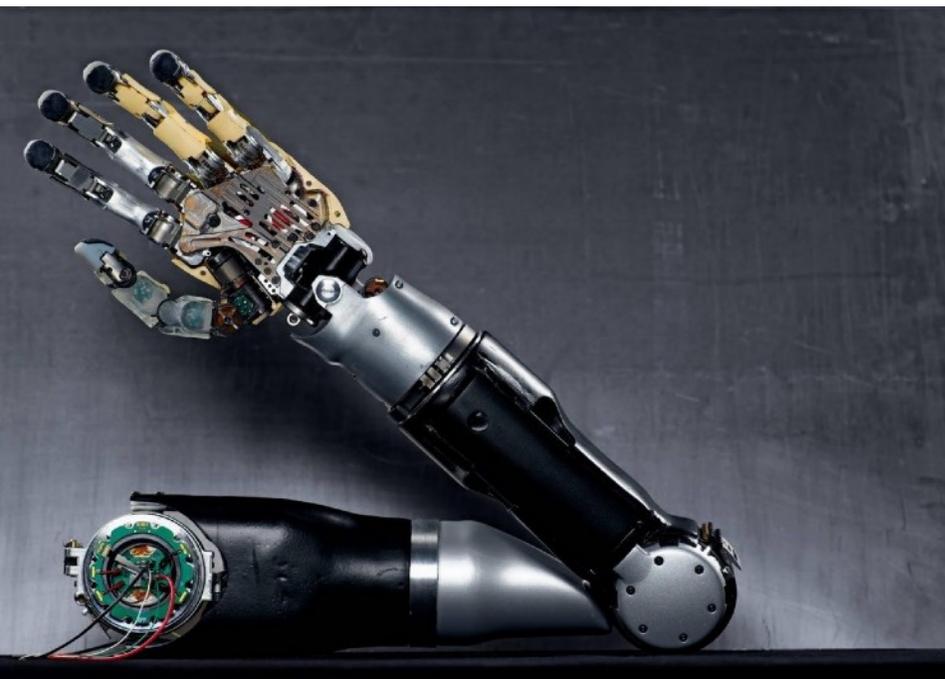


Localized
manufacturing





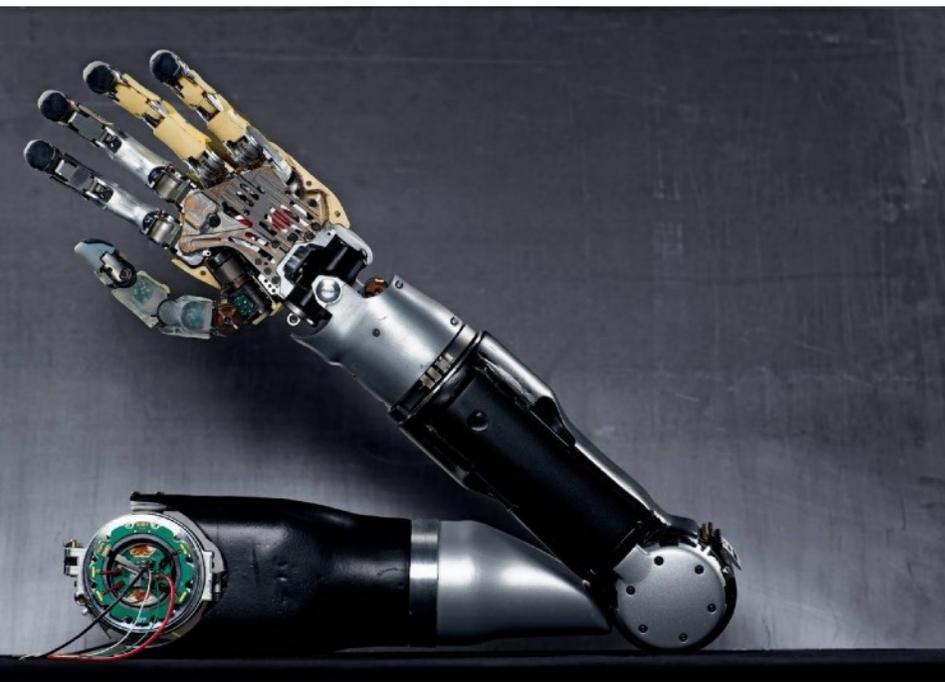
hi-tech



hi-tech



low-tech



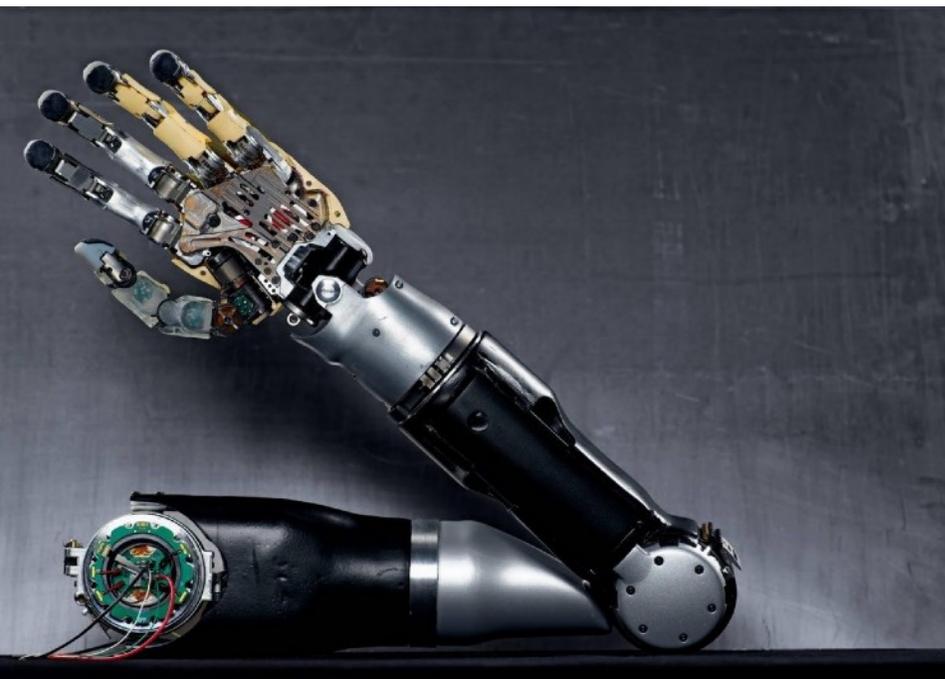
hi-tech



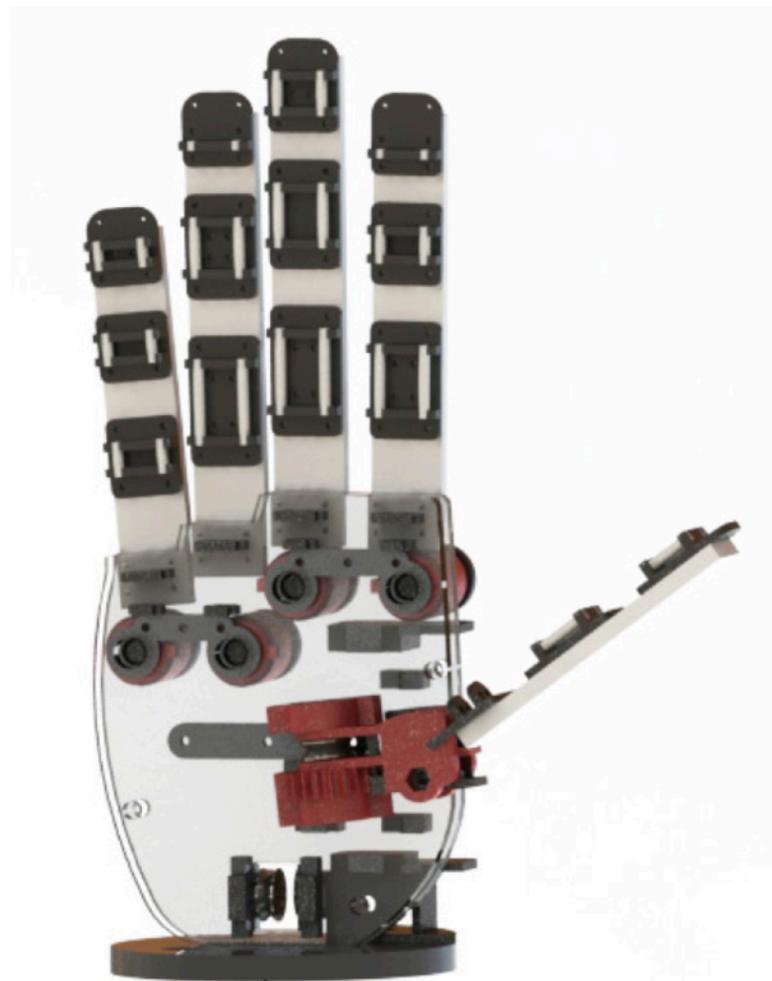
mid-tech



low-tech



hi-tech

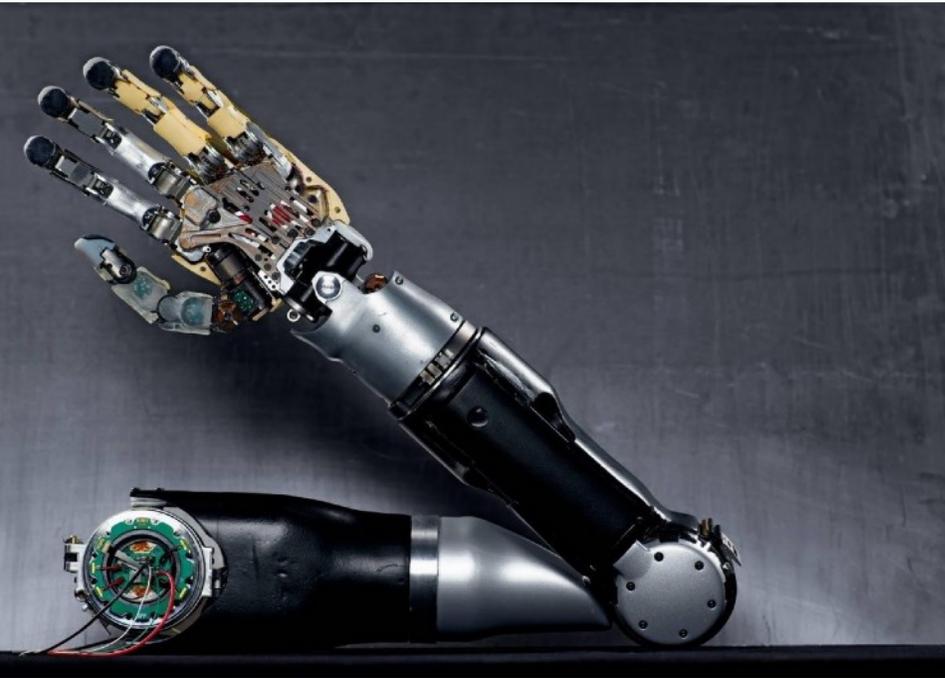


mid-tech

Internet, CAD software, 3D printing



low-tech



hi-tech



mid-tech



low-tech

Internet, CAD software, 3D printing
lack of electronics, use of kinetic energy,
localized manufacturing, customization & maintenance

1

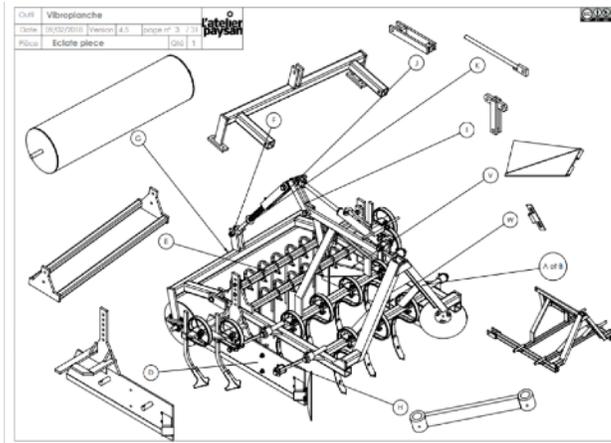
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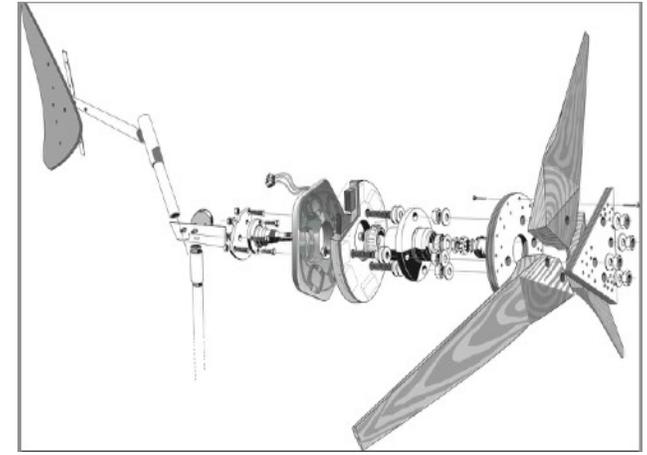
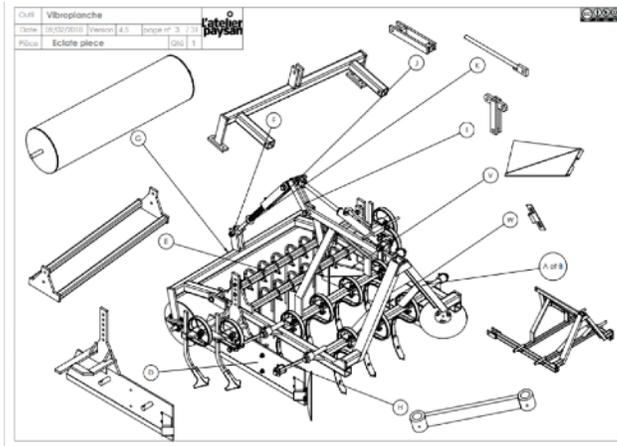
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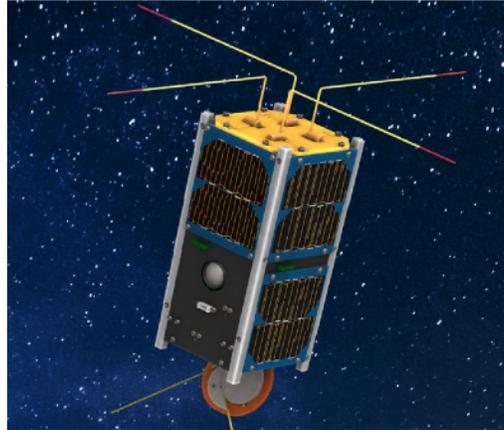
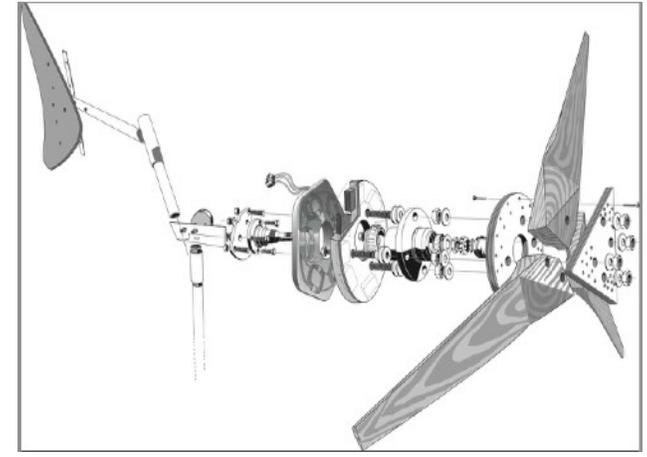
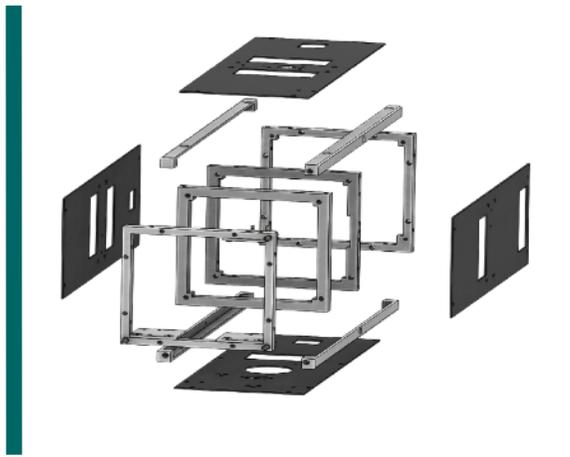
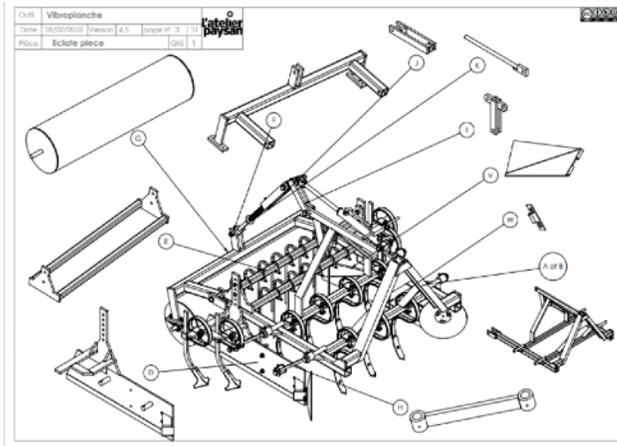
1

2

3









DIGITAL COMMONS
of Design, Knowledge
& Software

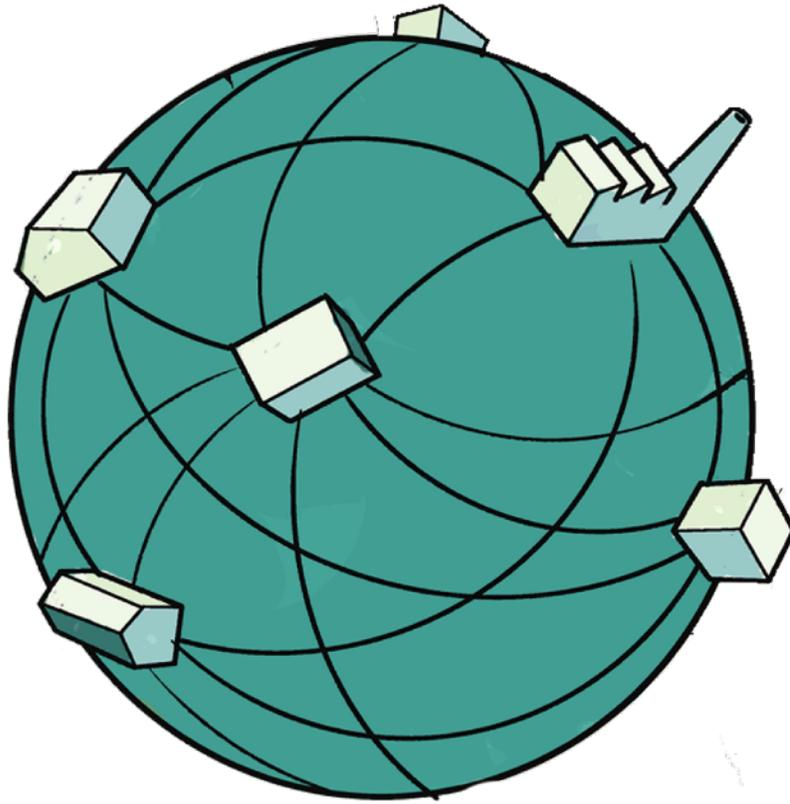


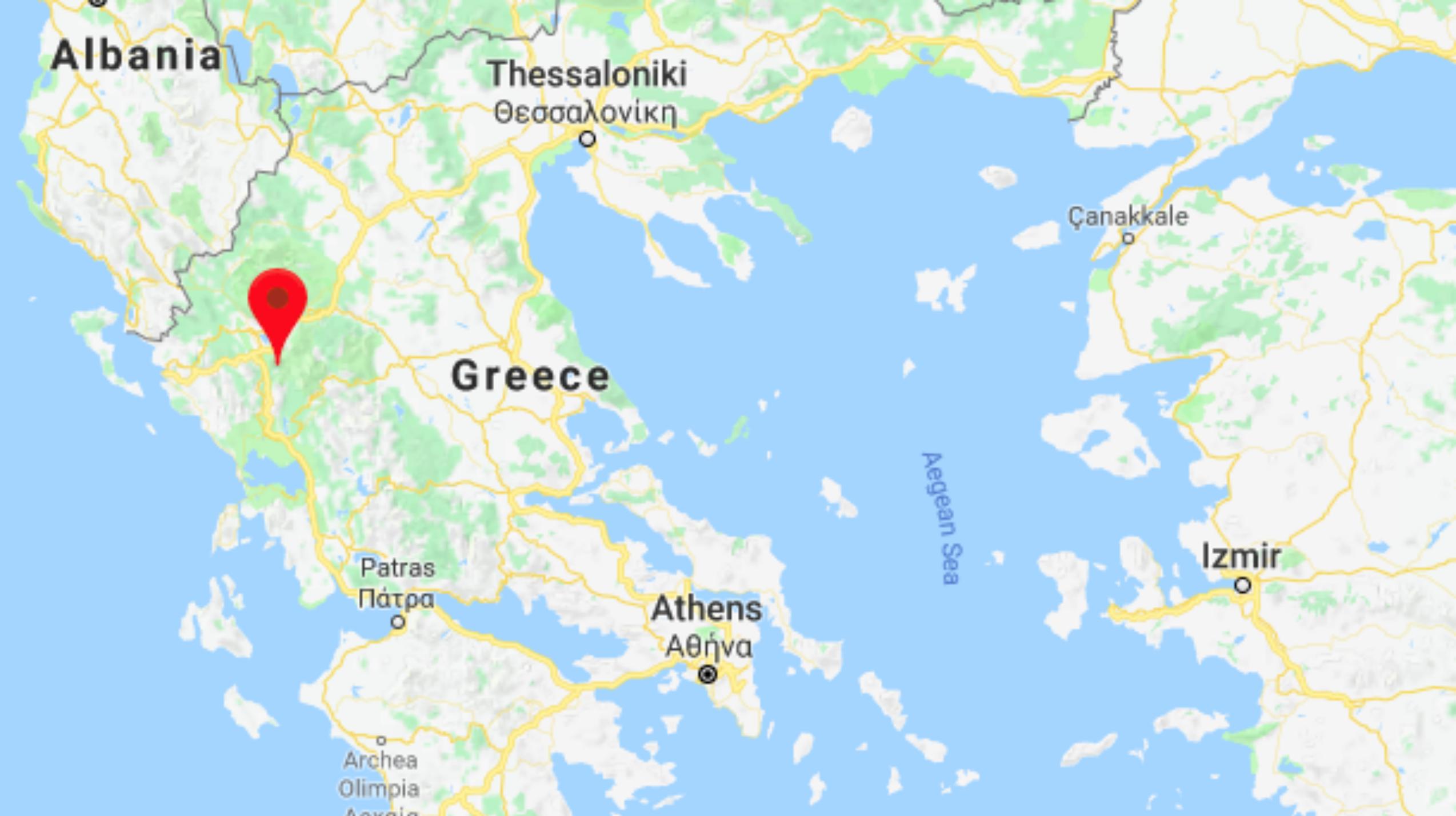
DIGITAL COMMONS
of Design, Knowledge
& Software





A near-future landscape of commons ecosystem





Albania

Thessaloniki

Θεσσαλονίκη

Çanakkale

Greece

Aegean Sea

Izmir

Patras

Πάτρα

Athens

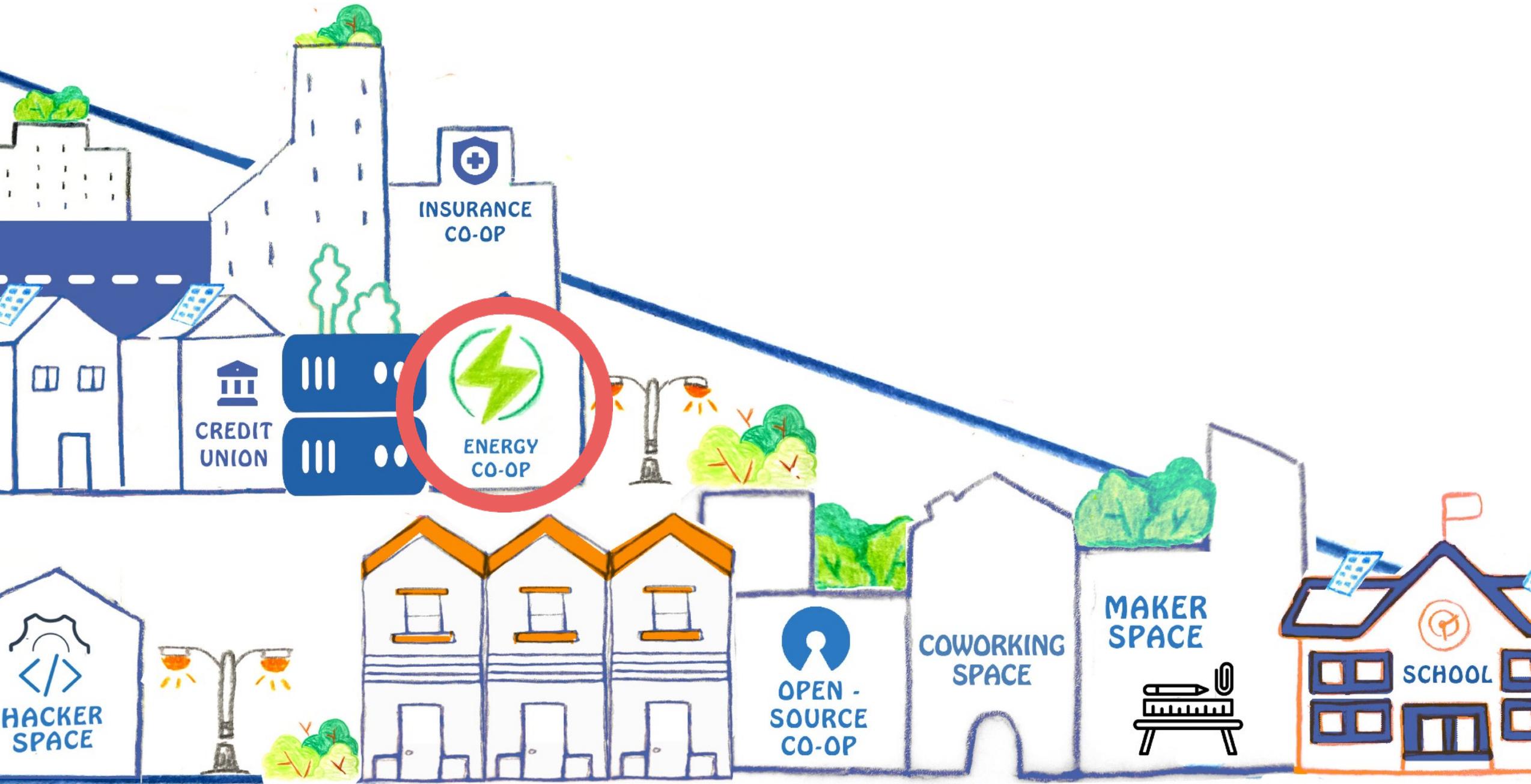
Αθήνα

Archea

Olimpia

Αρχαία





INSURANCE
CO-OP

CREDIT
UNION

ENERGY
CO-OP

OPEN -
SOURCE
CO-OP

COWORKING
SPACE

MAKER
SPACE

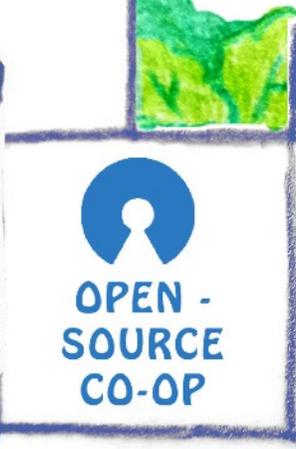
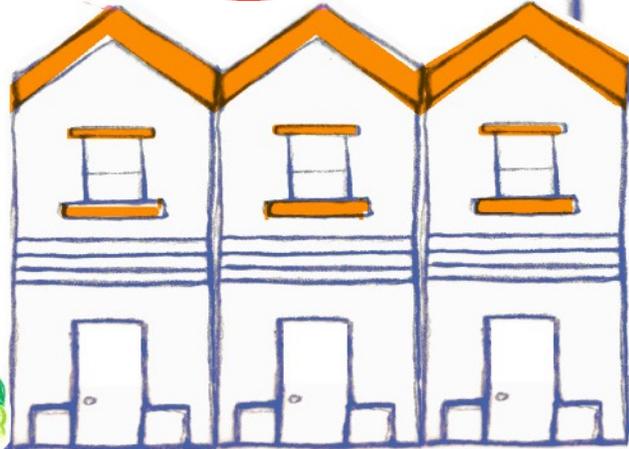
SCHOOL

HACKER
SPACE



ΚΟΙΝΕΡΓΕΙΑ

Ενεργειακή Κοινότητα Ηπειρωτών





INSURANCE
CO-OP



ENERGY
CO-OP



CREDIT
UNION



HACKER
SPACE



OPEN -
SOURCE
CO-OP

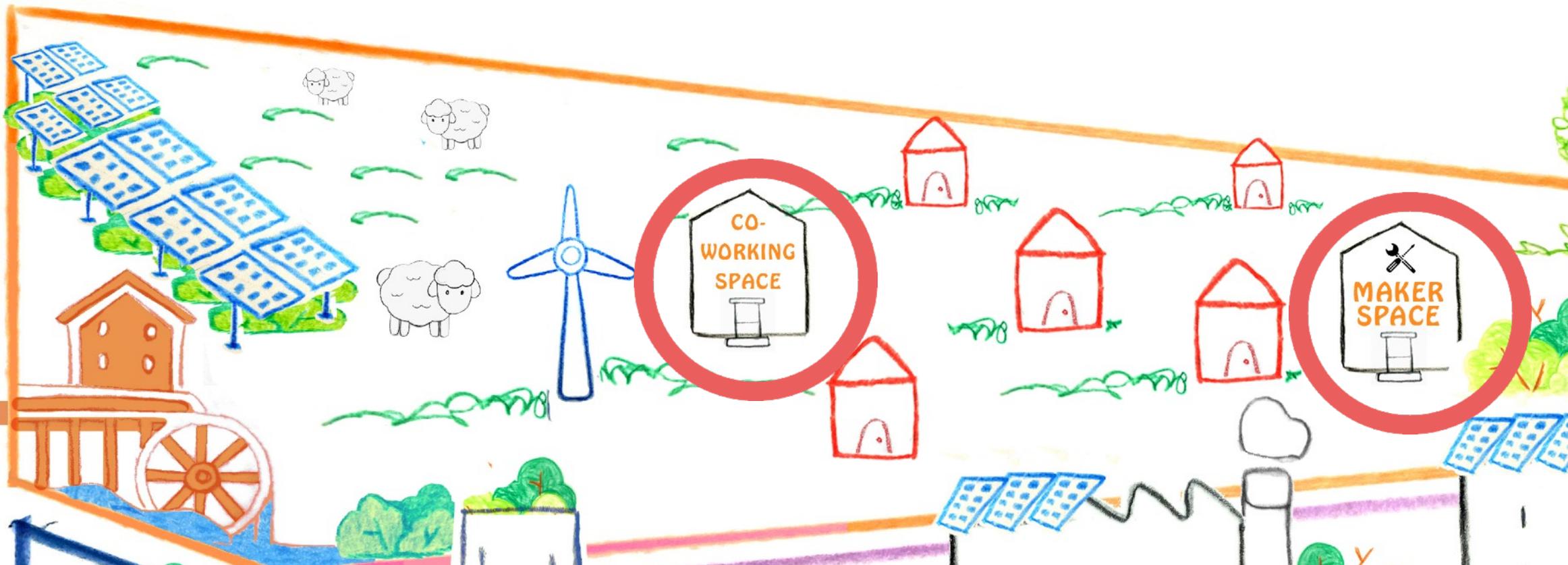
COWORKING
SPACE

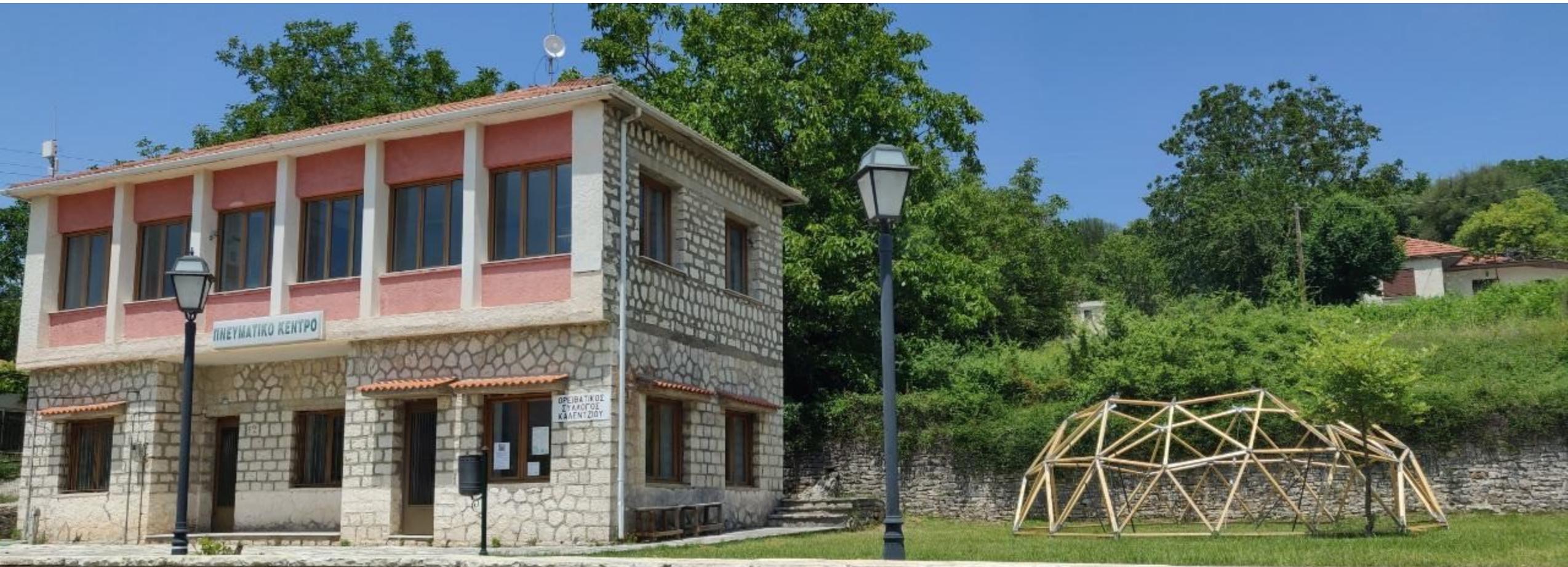
MAKER
SPACE



SCHOOL

RURAL





Tzoumakers @ Tzoumerka, GR



Identifying needs



Participatory design
based on global digital commons



Localized manufacturing



Localized manufacturing



ΠΕΡΙΒΑΤΙΚΟ ΚΕΝΤΡΟ

ΟΡΕΙΒΑΤΙΚΟΣ
ΣΥΛΛΟΓΟΣ
ΚΑΛΕΝΤΖΙΟΥ





Habibi Works
(20 km from İzoumakers)





**Boulouki, Frasta
(15 km from Tzoumackers)**



Small-arched bridge



Cobbled pathway

A photograph of a traditional stone building with a tiled roof, set in a rural landscape. The building is constructed from light-colored, irregularly shaped stones. It has a series of windows with dark frames and a small awning over the entrance. A large, leafless tree is in the foreground on the left, and another tree is on the right. The background shows a hillside under a clear blue sky.

The High Mountains (35 km from Tzoumakers)



Τα Ψηλά Βουά

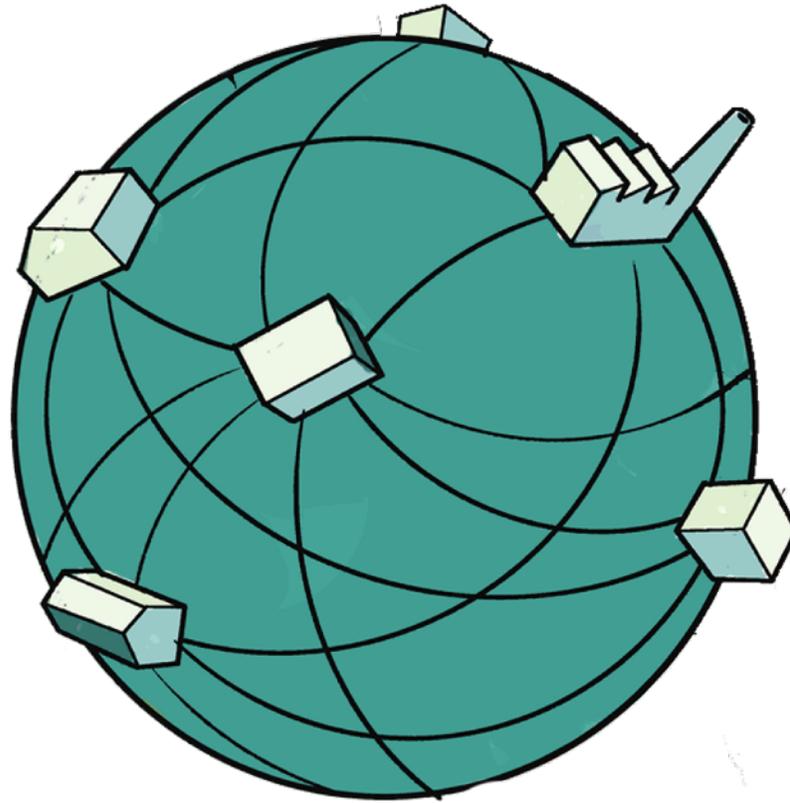
Δίκτυση & Κοινωνική Καινοτομία



+rural co-working space

+support centre for mountainous living

Example



RURAL



RURAL





ΚΟΙΝΕΡΓΕΙΑ
Ενεργειακή Κοινότητα Ηπειρωτών

RURAL



public-commons partnership



ΚΟΙΝΕΡΓΕΙΑ
Ενεργειακή Κοινότητα Ηπειρωτών

RURAL







Let's discuss it!