

The Energy Commons: Envisioning a Just and Sustainable Future



~~The Energy Commons:~~ ~~Envisioning a Just~~ ~~and Sustainable~~ ~~Future~~



To be or not
to be?



To be!



How to address
global wealth
inequality and
ecological
collapse?



Plan A

Plan B

Plan A

Plan B



Green growth Ecomodernism



Is it possible?

The image depicts a highly advanced, eco-friendly architectural design. The building features multiple levels of terraces, each densely packed with various types of green plants, including palm trees and flowering shrubs. The structure is characterized by its curved, organic forms and a warm, golden-brown color palette. In the foreground, a large, circular water feature with a glass railing reflects the surrounding greenery. A few people are visible, providing a sense of scale to the massive structure. The overall atmosphere is one of a harmonious blend of nature and modern technology.

Most likely,
it's not.



Green LA

Green Zürich
Green Paris

green sacrifice zones

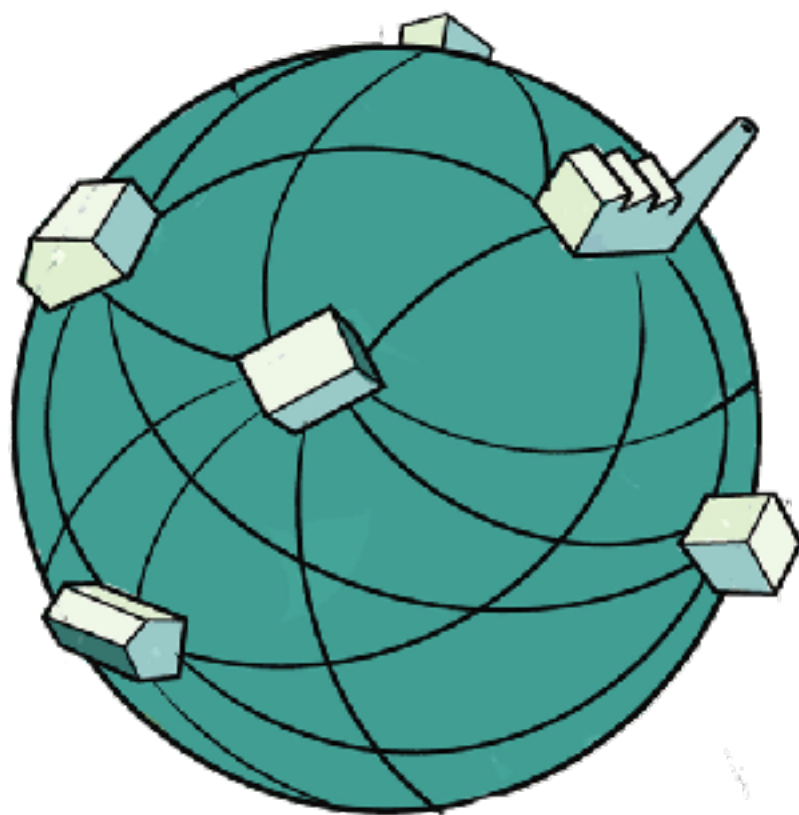
GREEN EXTRACTIVISM

Green growth remains
a theoretical
possibility,
but what if it is never
realized?

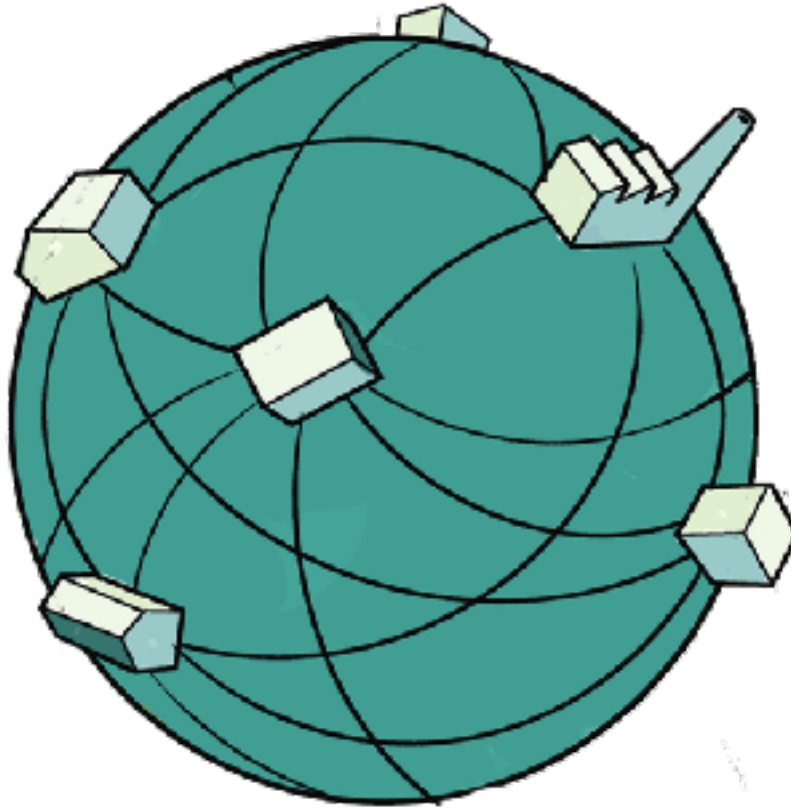


Plan B





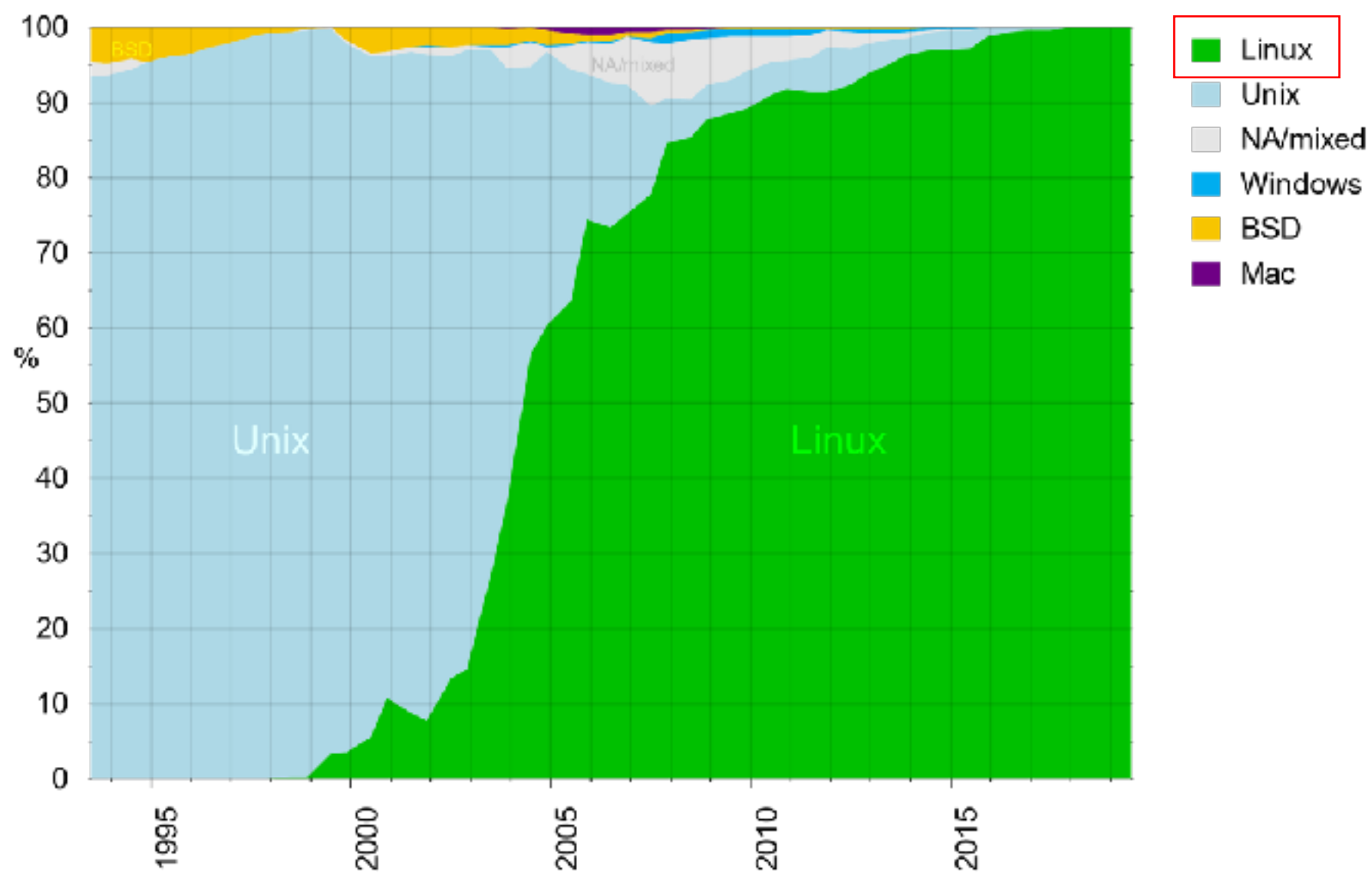
commons



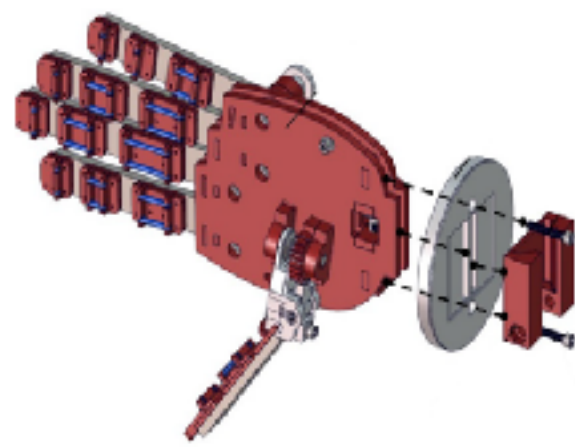
software



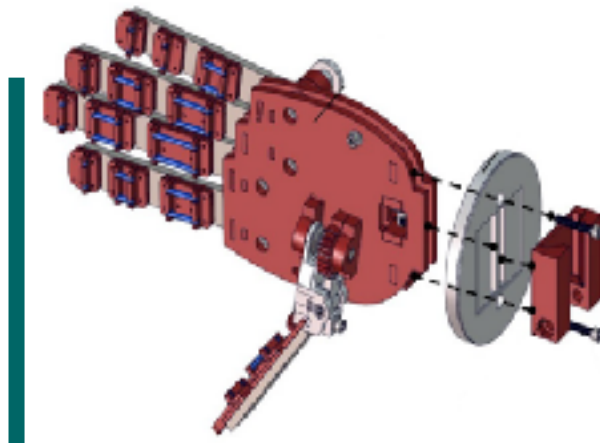




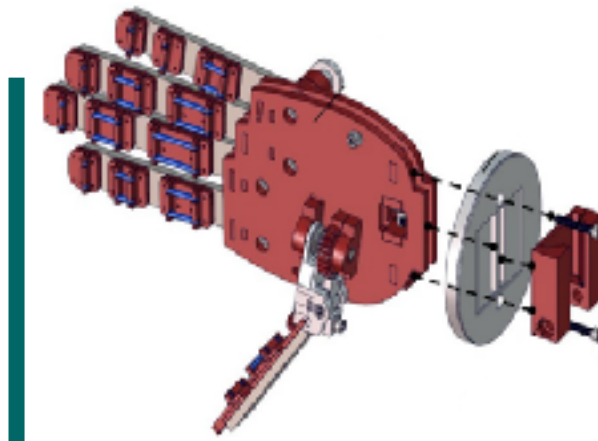
hardware



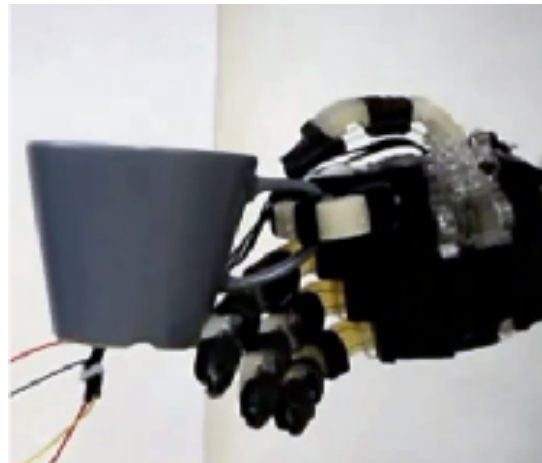
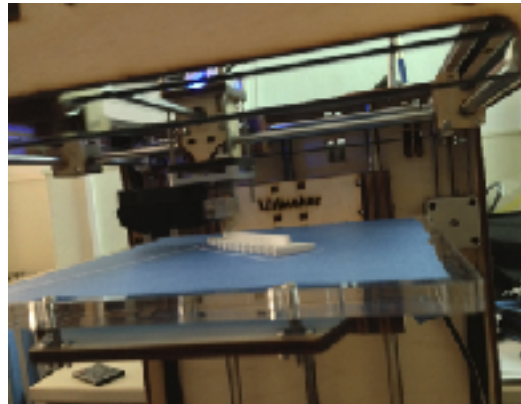
Digital
commons

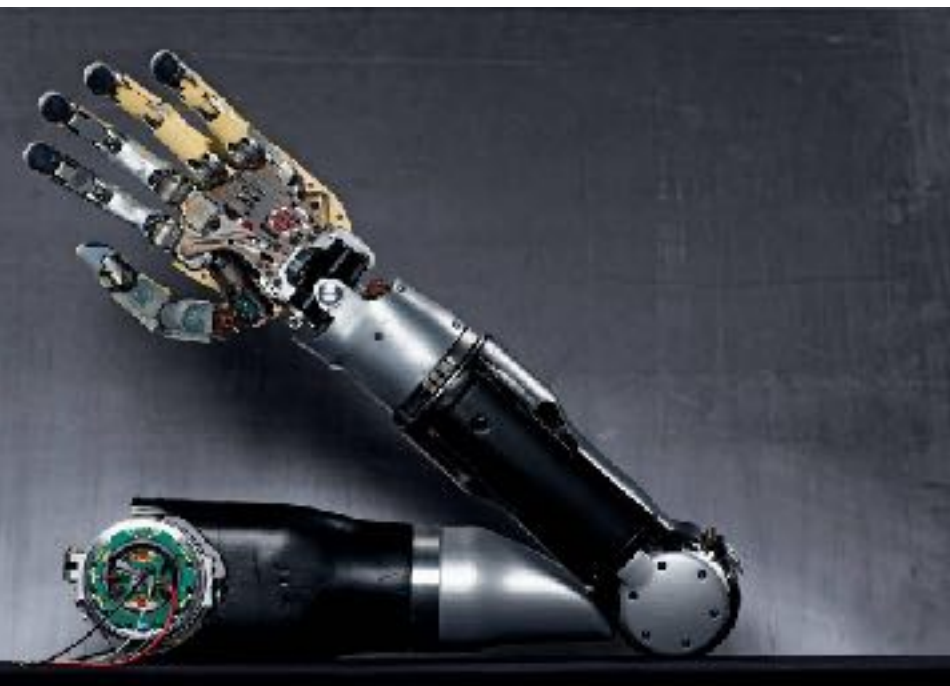


Digital
commons

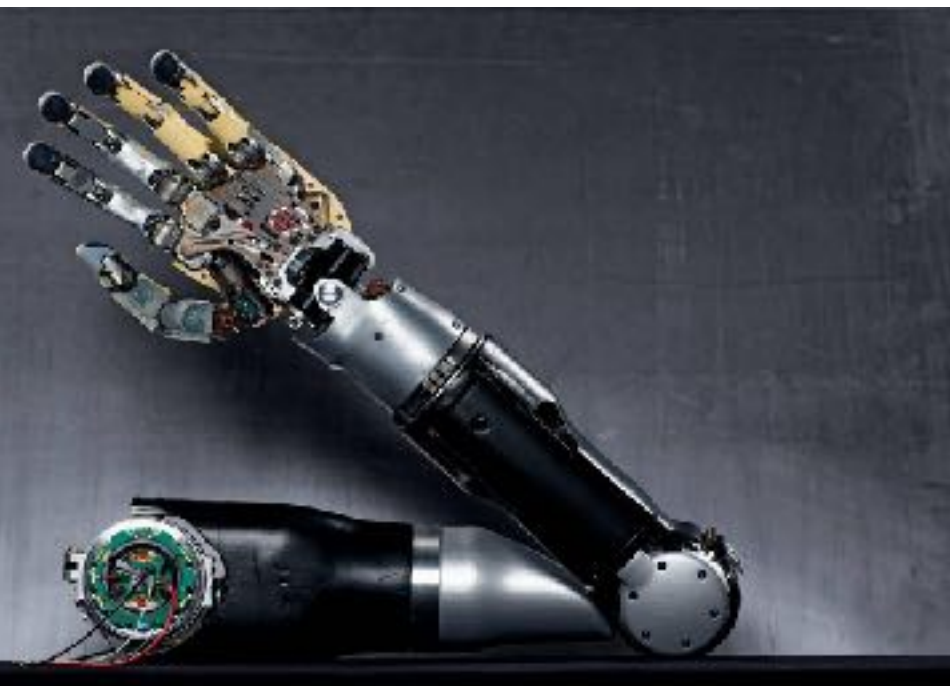


Localized
manufacturing





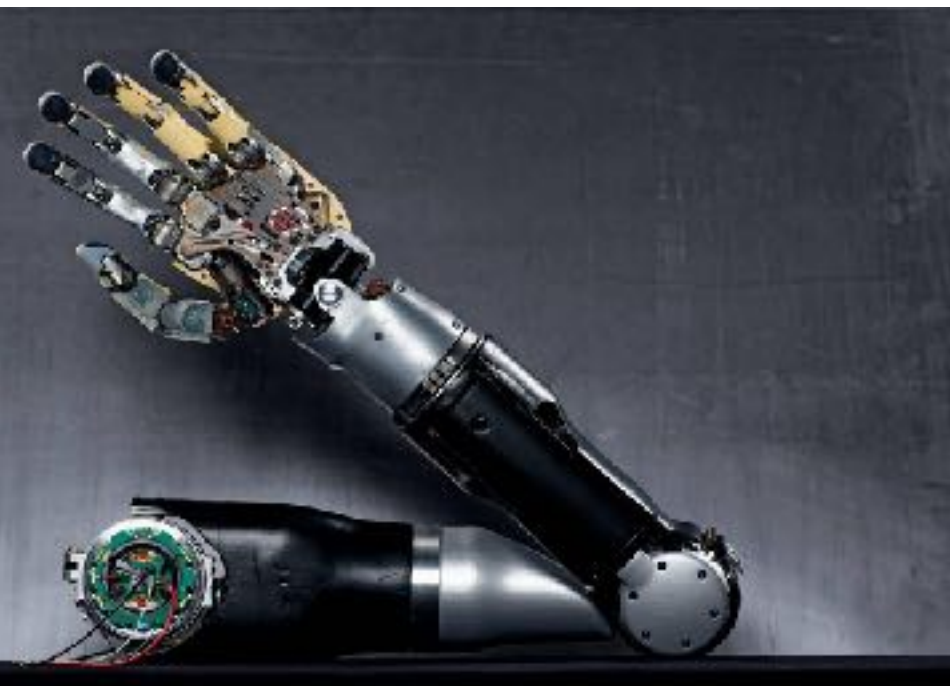
hi-tech



hi-tech



low-tech



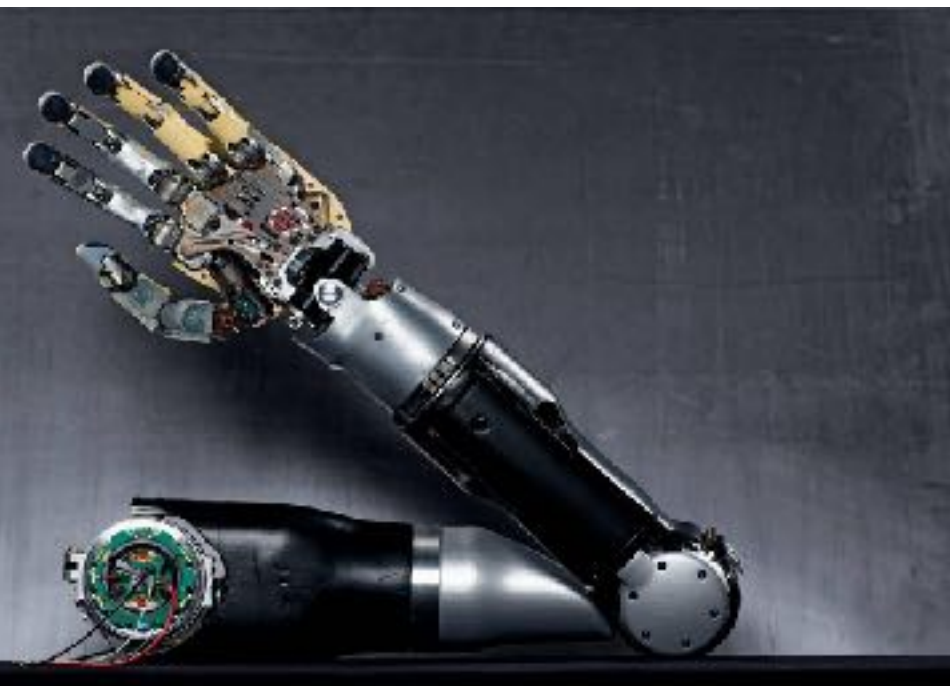
hi-tech



mid-tech



low-tech



hi-tech

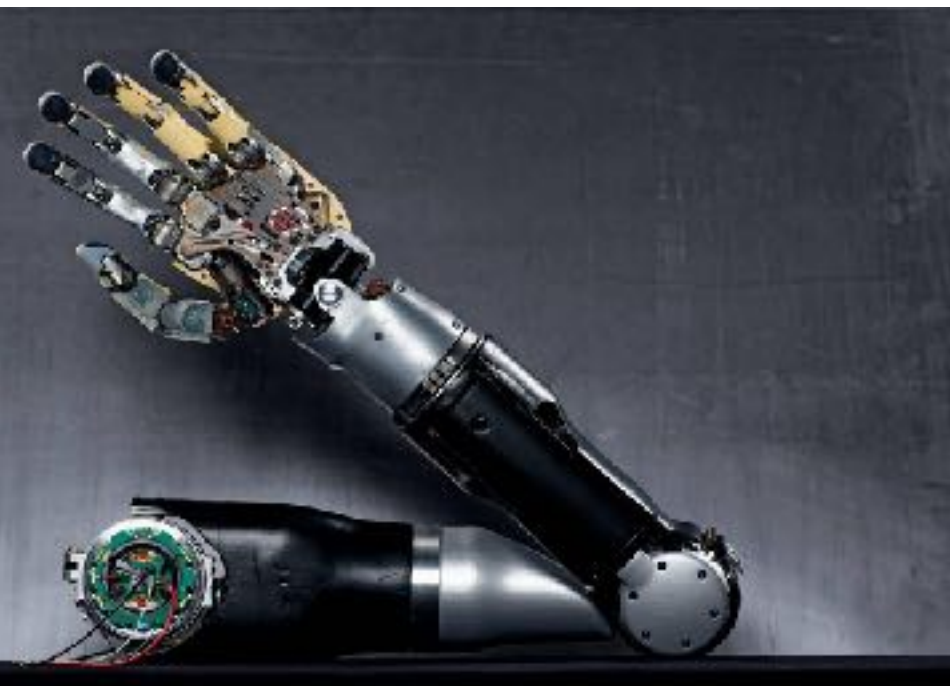


mid-tech

Internet, CAD software, 3D printing



low-tech



hi-tech

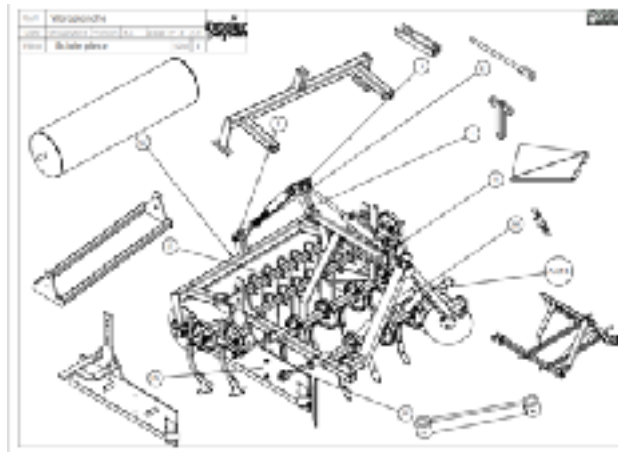


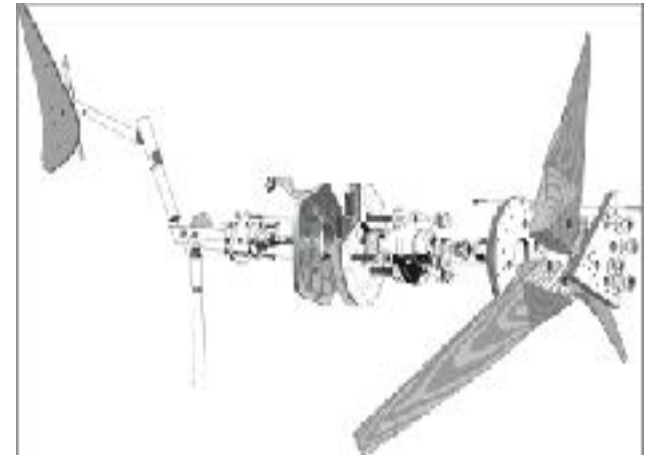
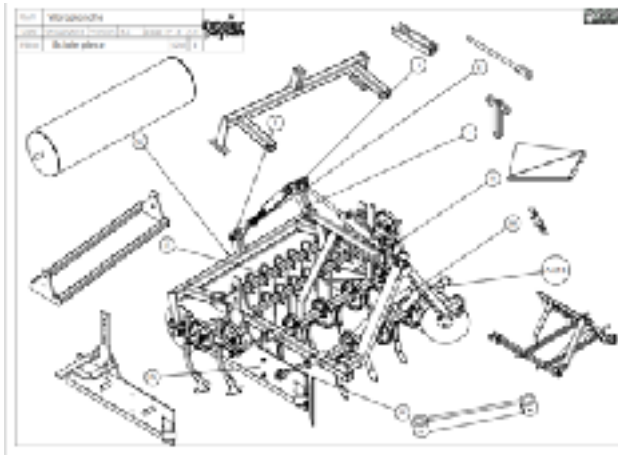
mid-tech

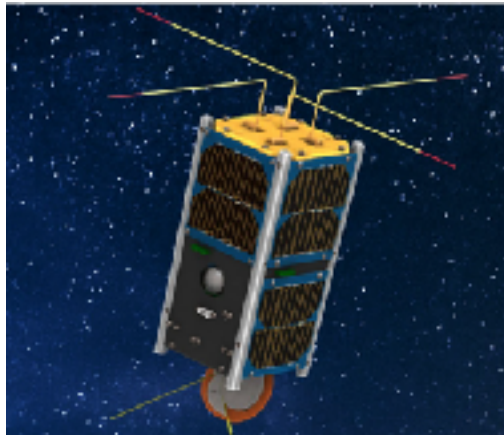
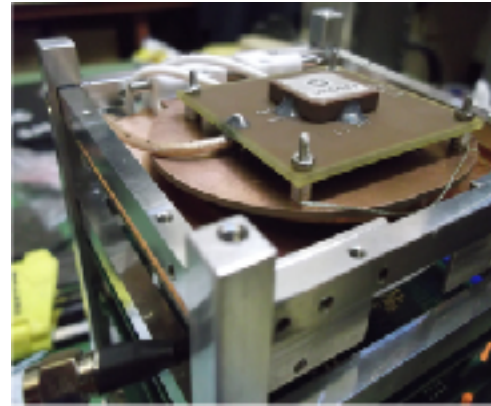
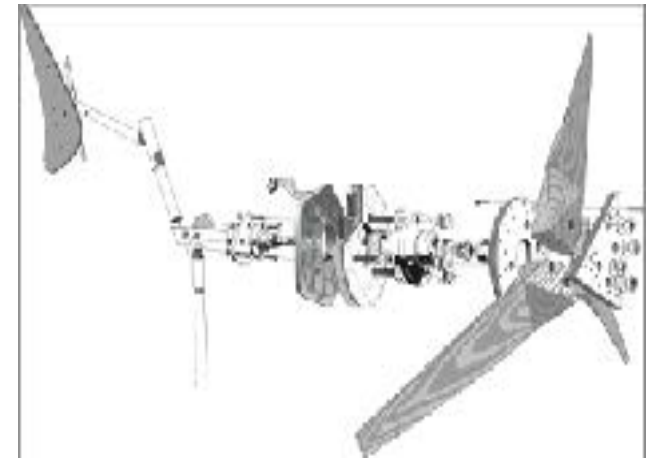
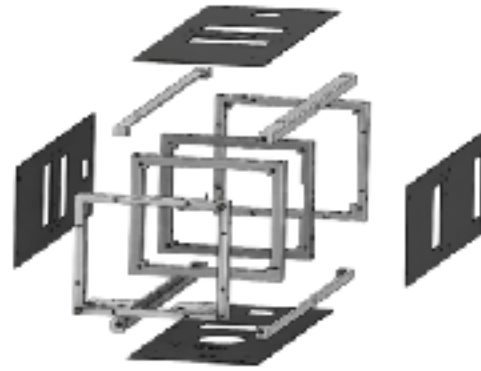
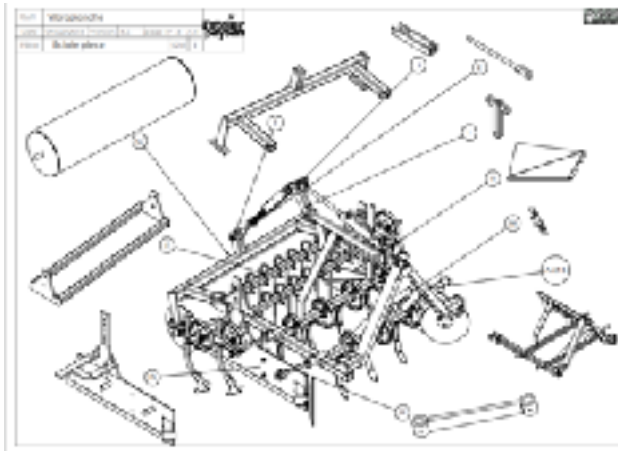


low-tech

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







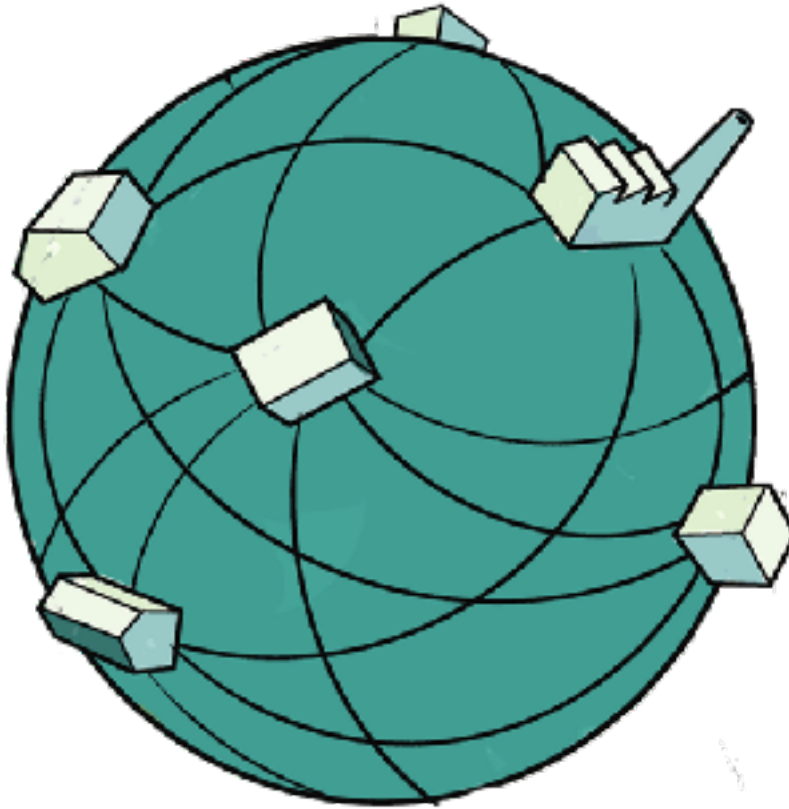


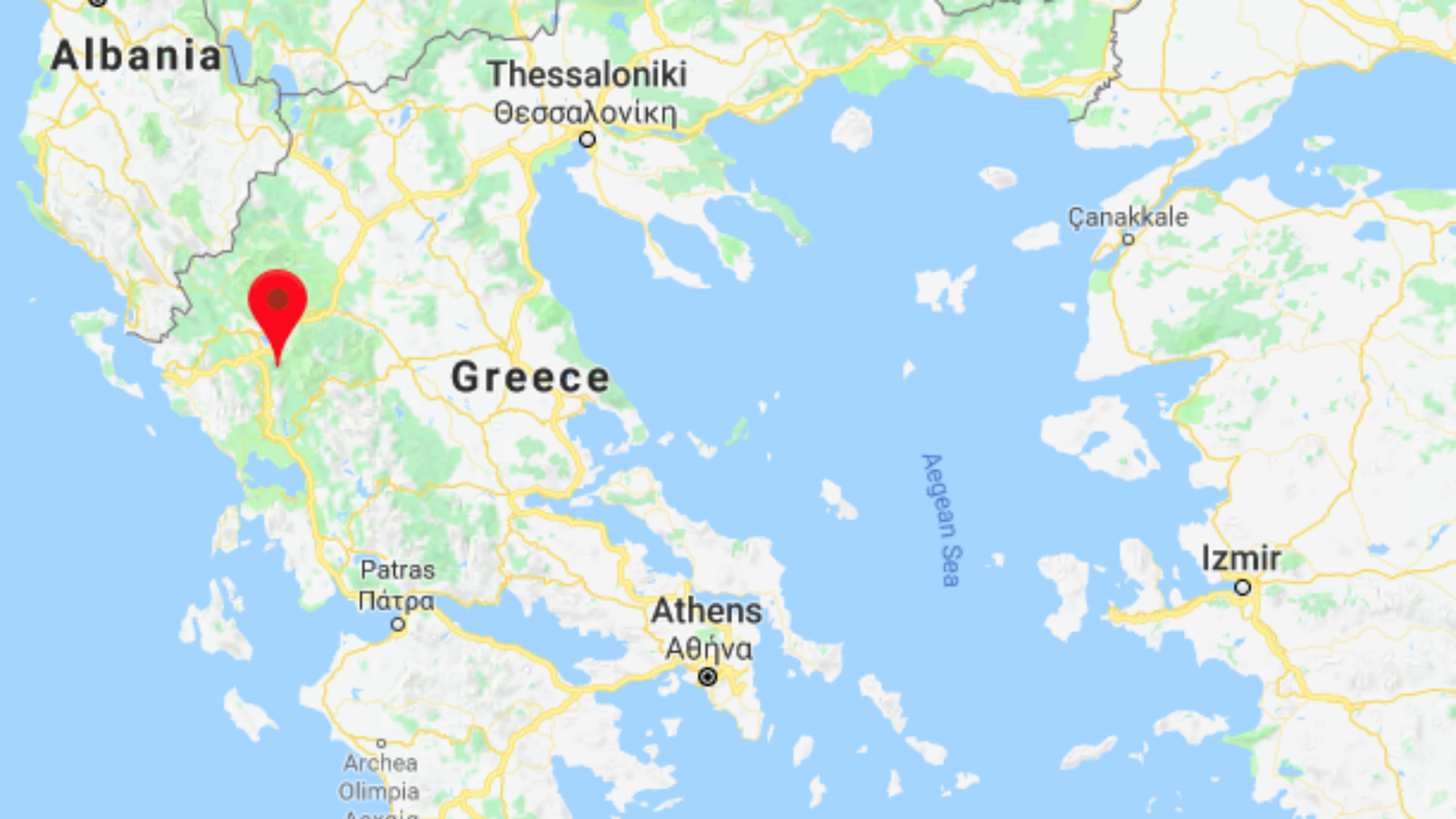
DIGITAL COMMONS
of Design, Knowledge
& Software





A near-future landscape of energy commons





Albania

Thessaloniki

Θεσσαλονίκη

Çanakkale

Greece

Aegean Sea

Patras

Πάτρα

Athens

Αθήνα

Izmir

Archea

Olimpia

Αρχαία





INSURANCE
CO-OP



ENERGY
CO-OP

CREDIT
UNION

HACKER
SPACE

OPEN -
SOURCE
CO-OP

COWORKING
SPACE

MAKER
SPACE

SCHOOL

Ο κόσμος μας αλλάζει ραγδαία



RURAL





Tzoumakers @ Tzoumerka, GR

A group of about eight people are gathered in a well-lit workshop or classroom. They are seated in a circle, engaged in a discussion. The room features large windows on the right side, offering a view of a green landscape and mountains. On the left, there are shelves filled with various tools and materials. In the center, a blue industrial machine is visible. The overall atmosphere is collaborative and focused.

Identifying needs



Participatory design
based on global digital commons



Localized manufacturing



Localized manufacturing







Habibi Works
20 km from İzoumakers



Boulouki, Frasta
(15 km from Tzoumakers)



Small-arched bridge



Cobbled pathway



RURAL



RURAL



public-commons partnerships







Let's discuss it!