

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?



Most likely,
it's not.

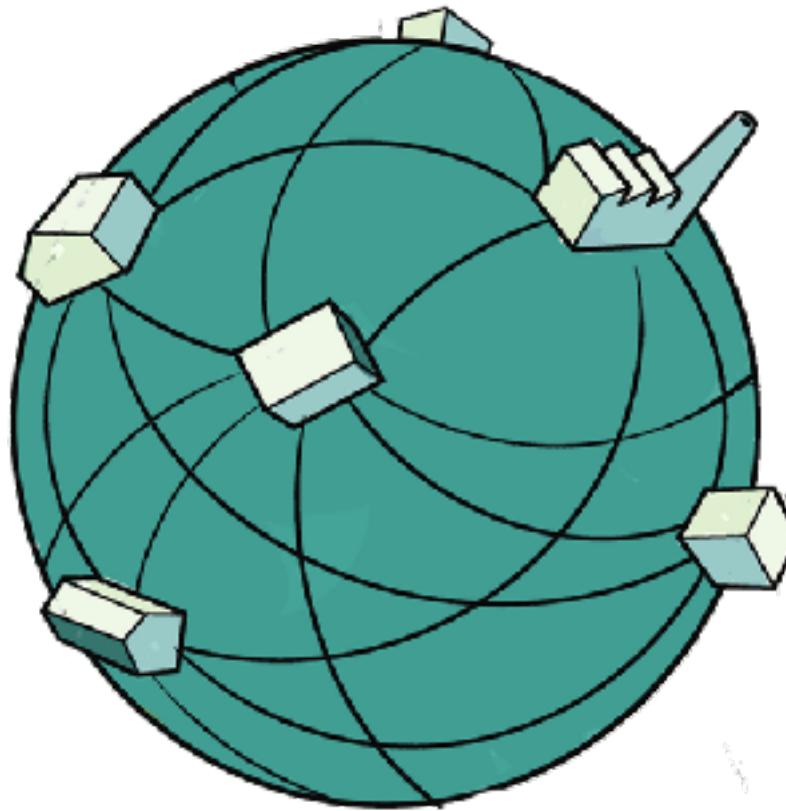


Green growth remains
a theoretical
possibility,
but what if it is never
realized?

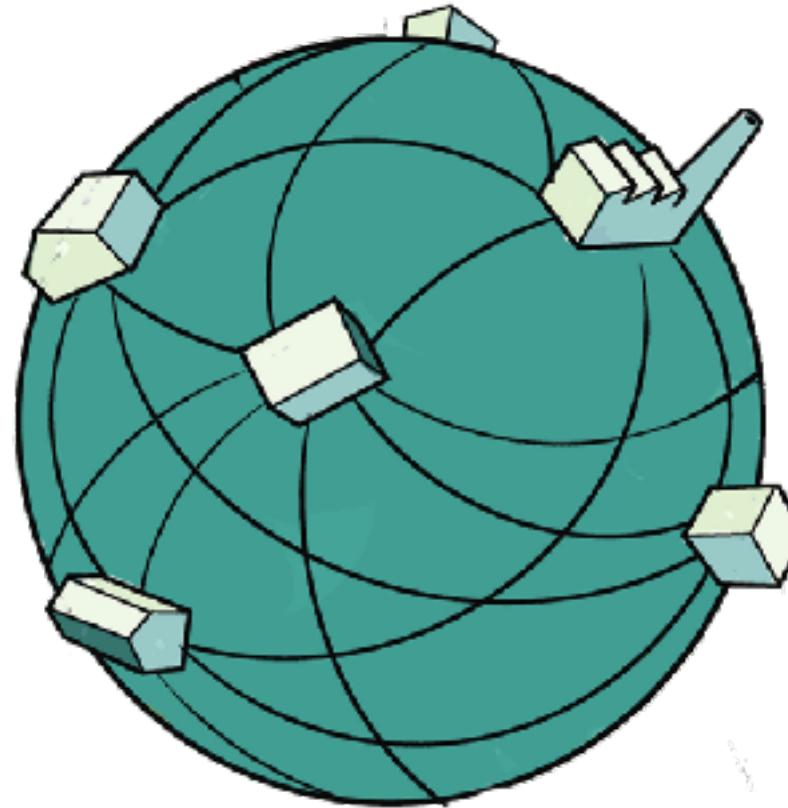


Plan B

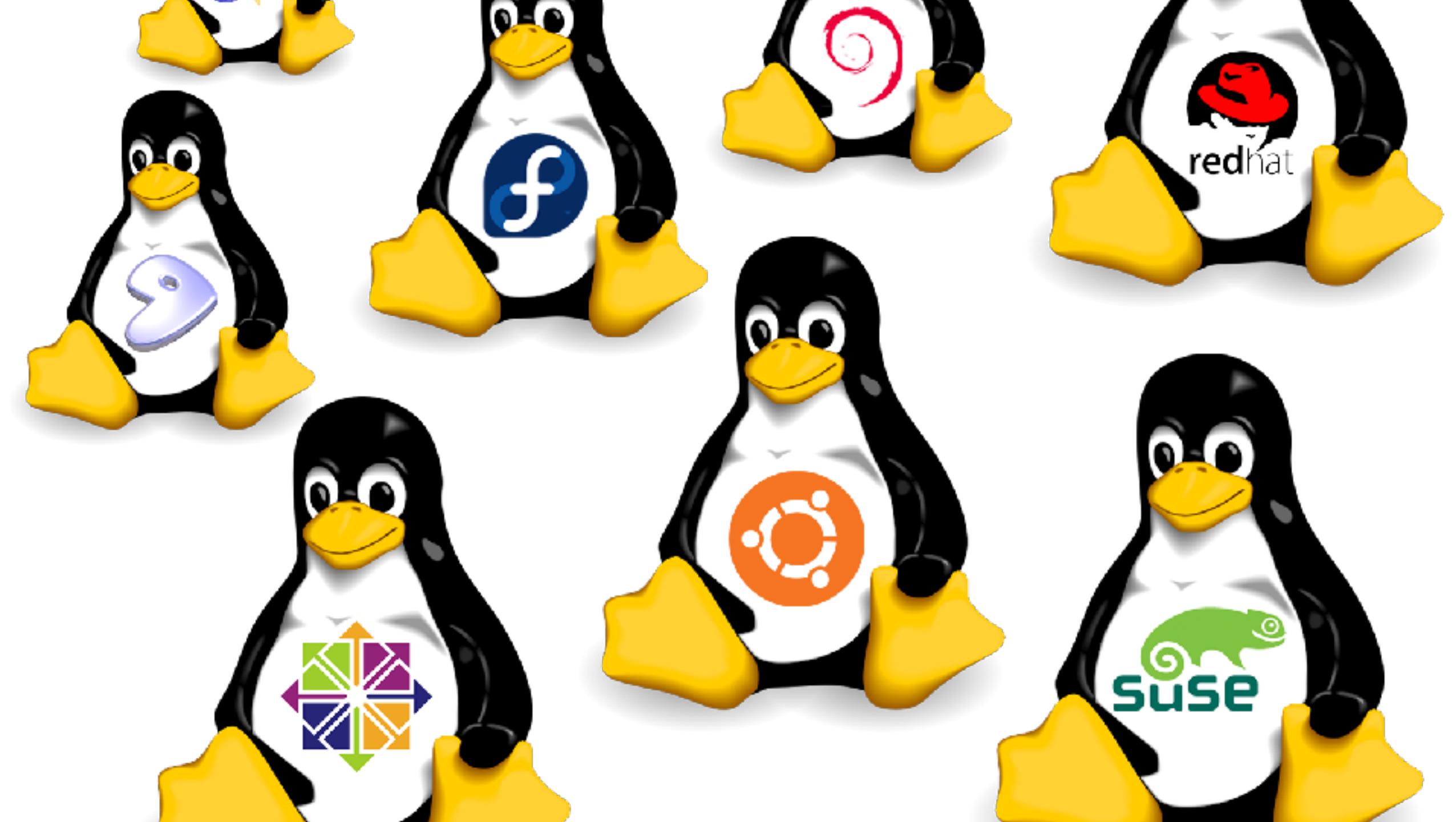




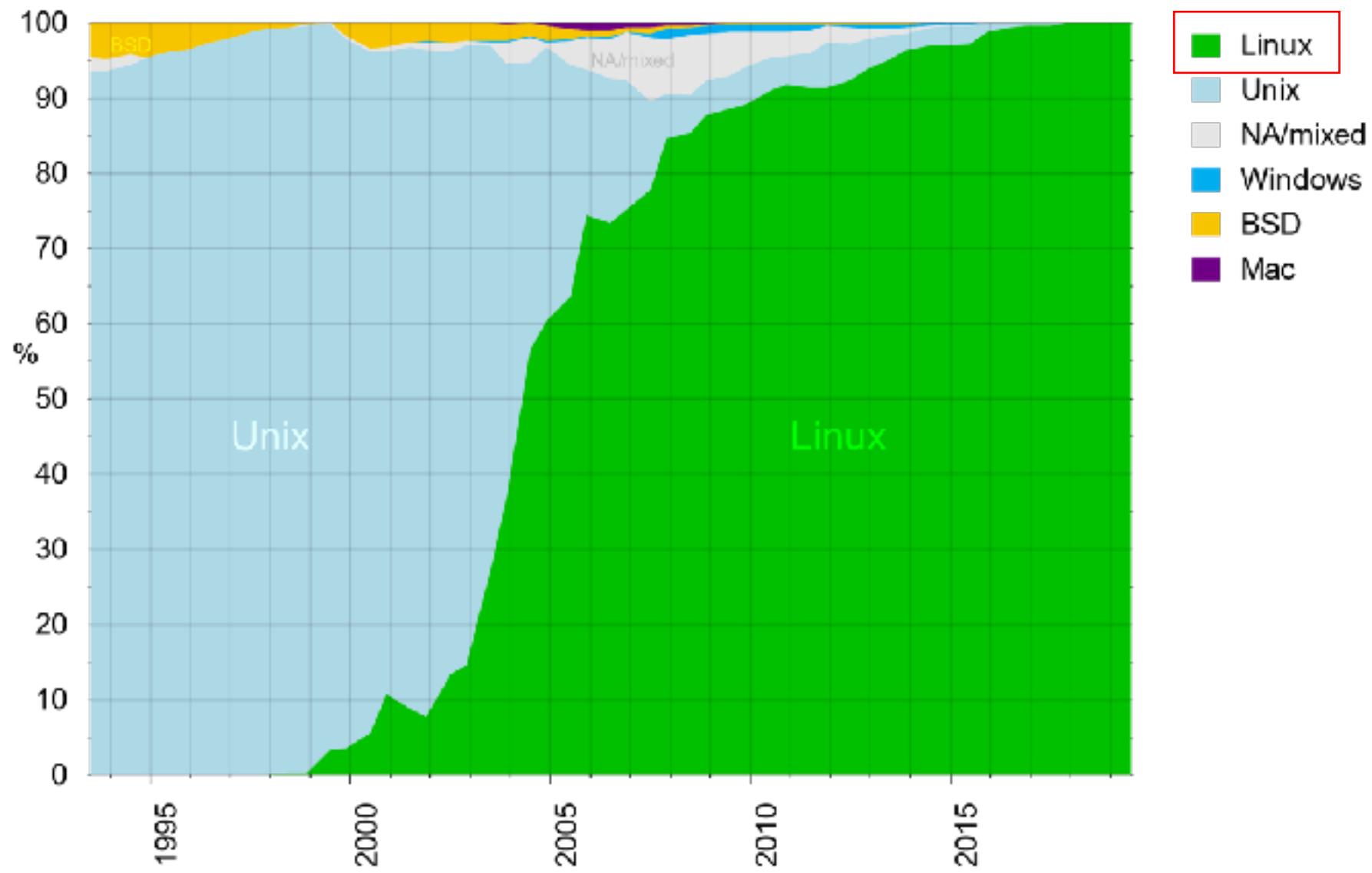
commons



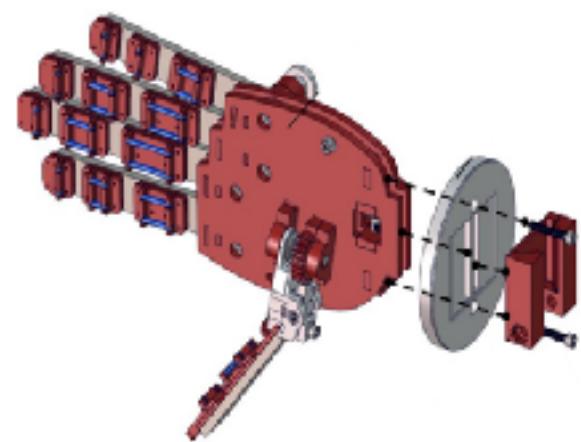
software



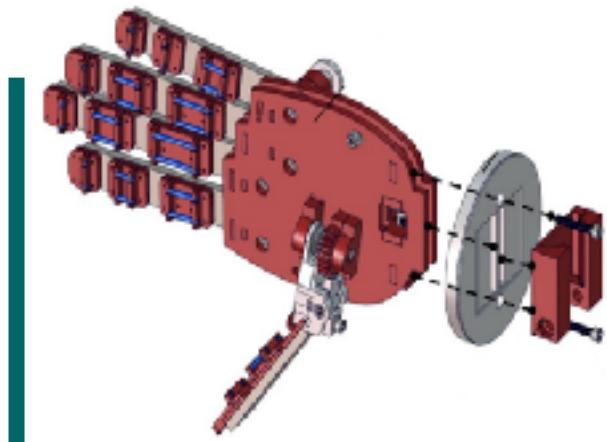




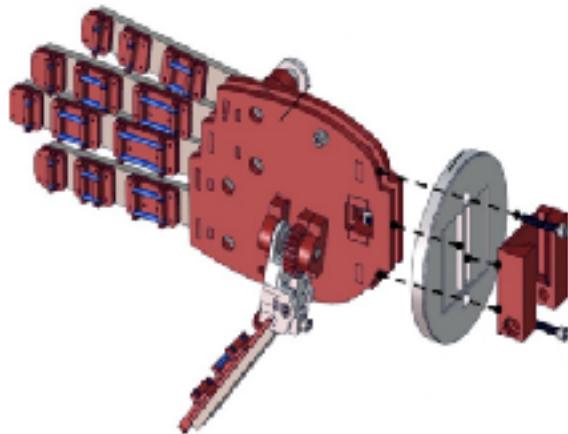
hardware



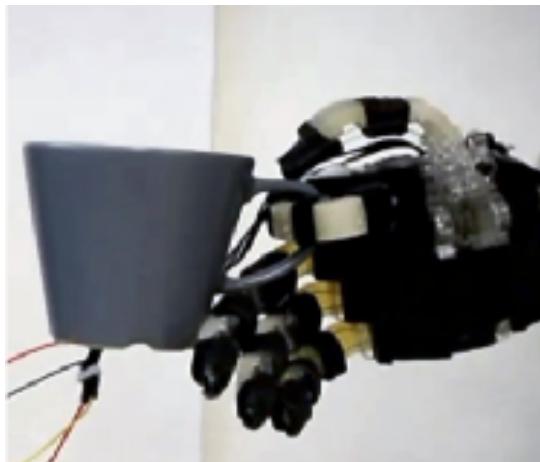
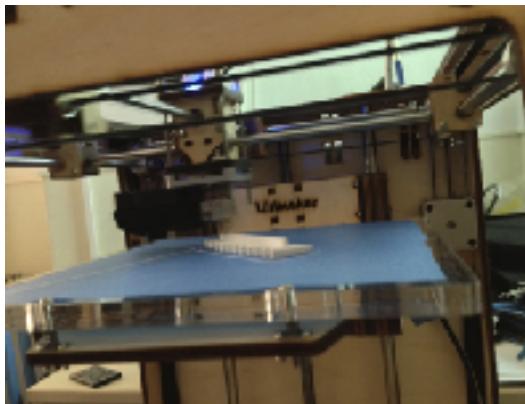
Digital
commons

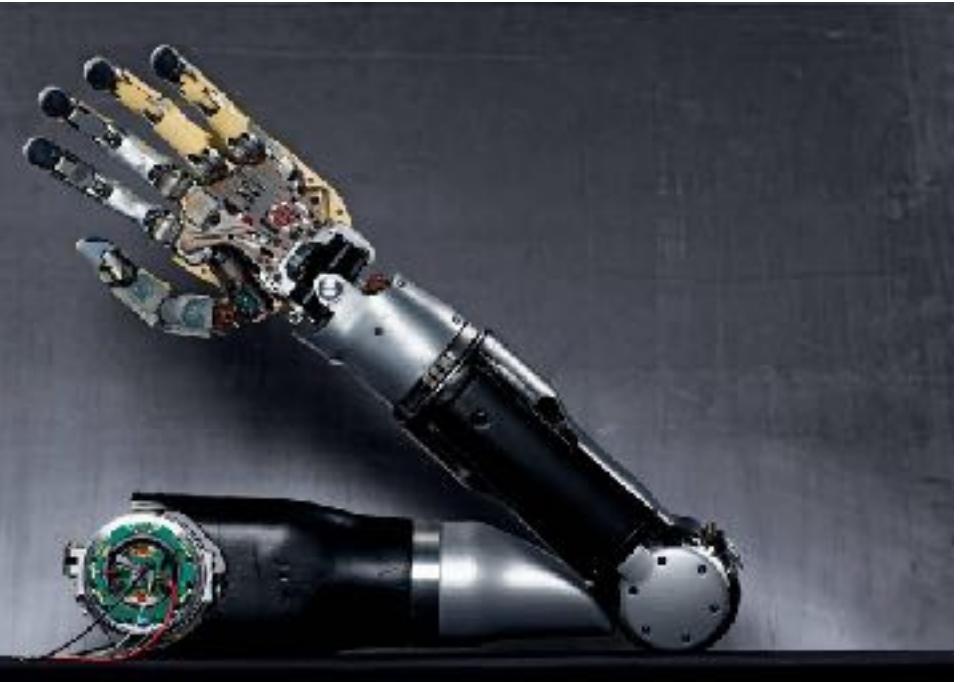


Digital
commons

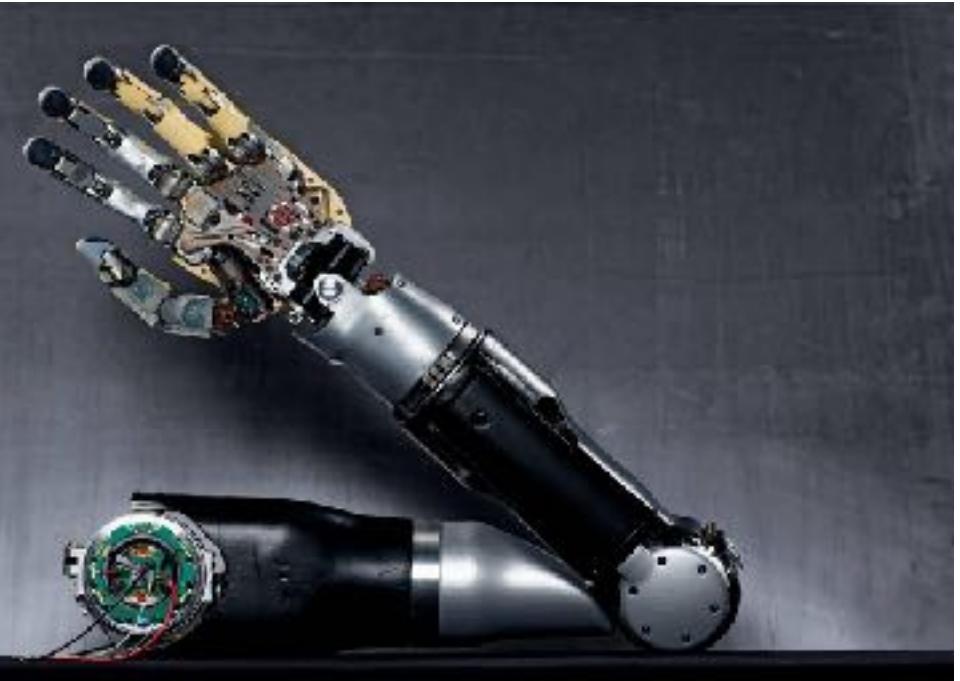


Localized
manufacturing





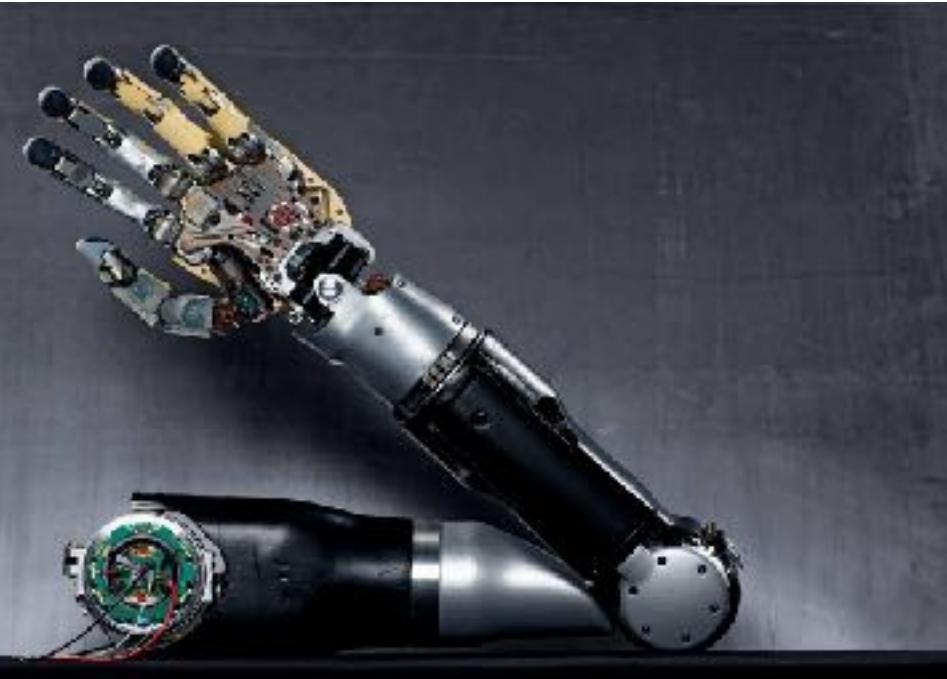
hi-tech



hi-tech



low-tech



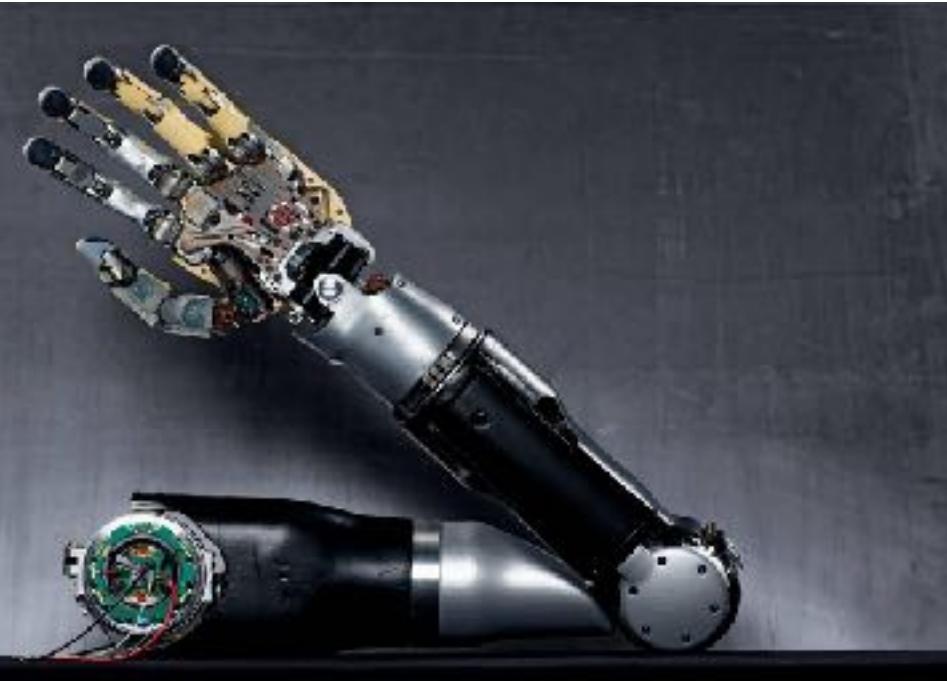
hi-tech



mid-tech



low-tech



hi-tech

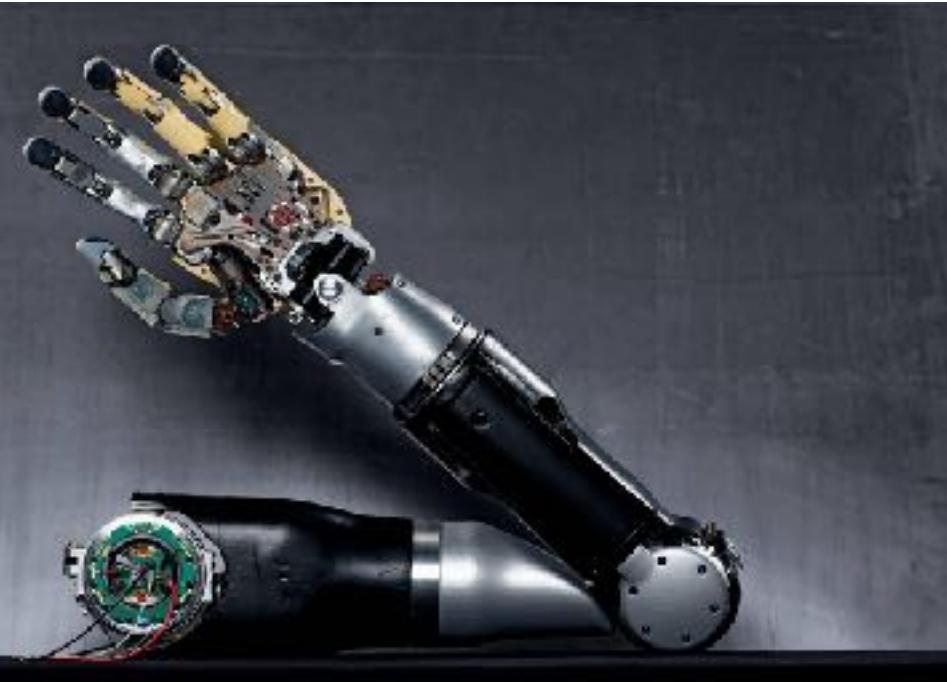


mid-tech

Internet, CAD software, 3D printing



low-tech



hi-tech

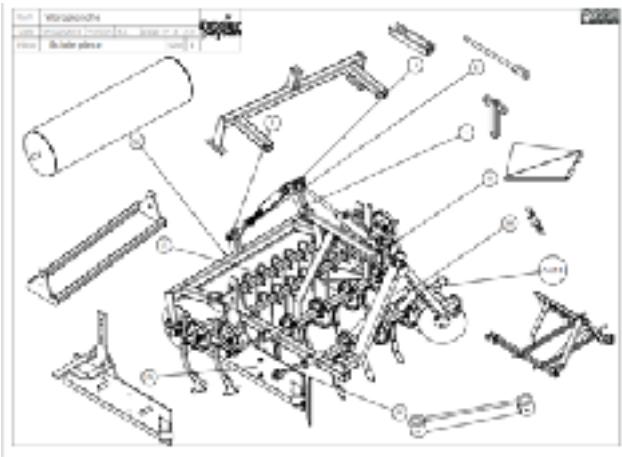


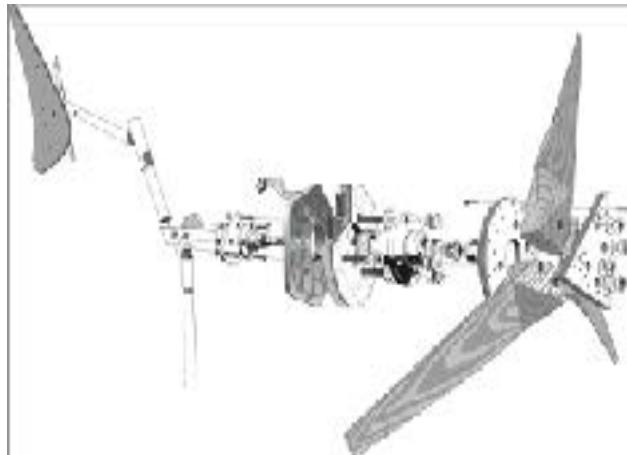
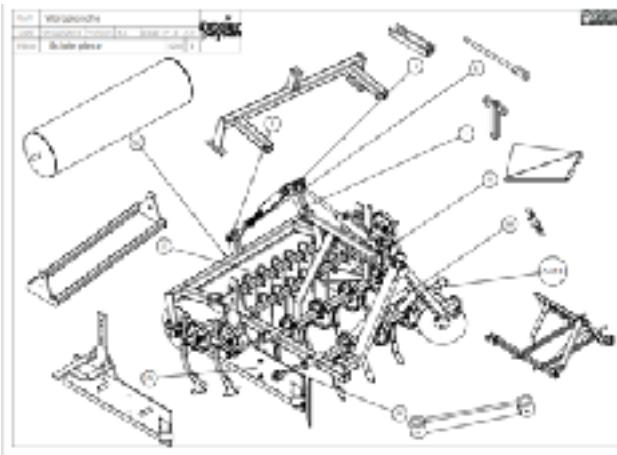
mid-tech

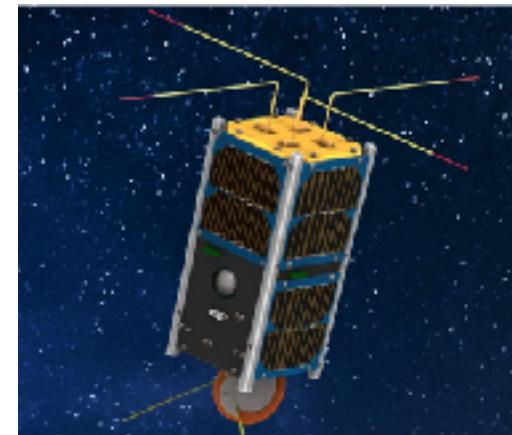
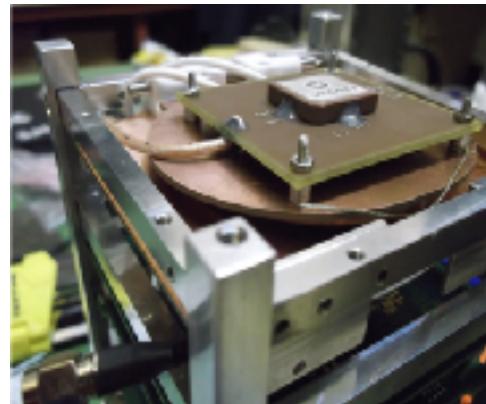
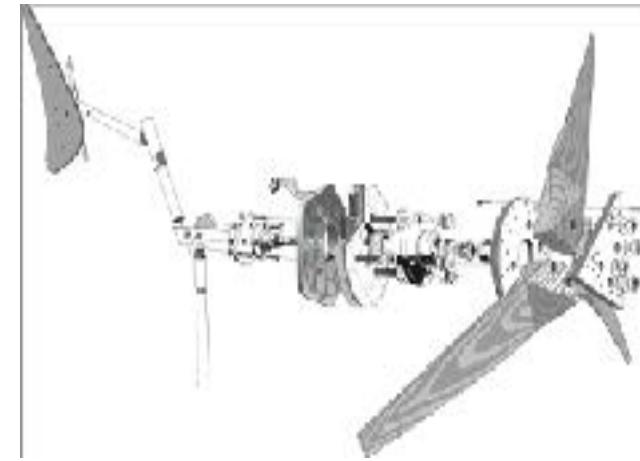
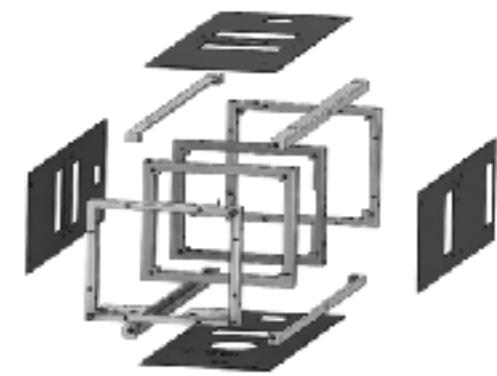
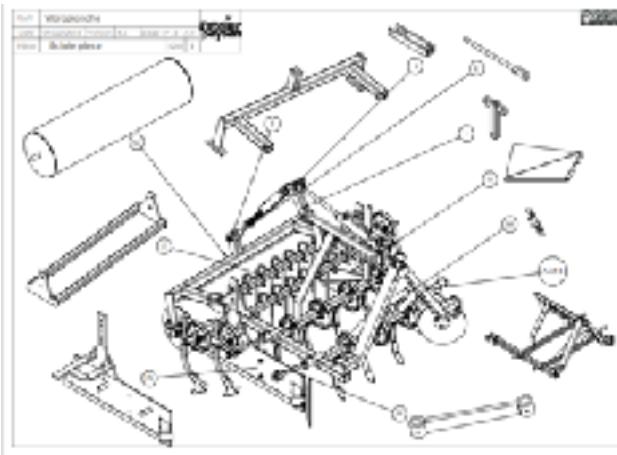


low-tech

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







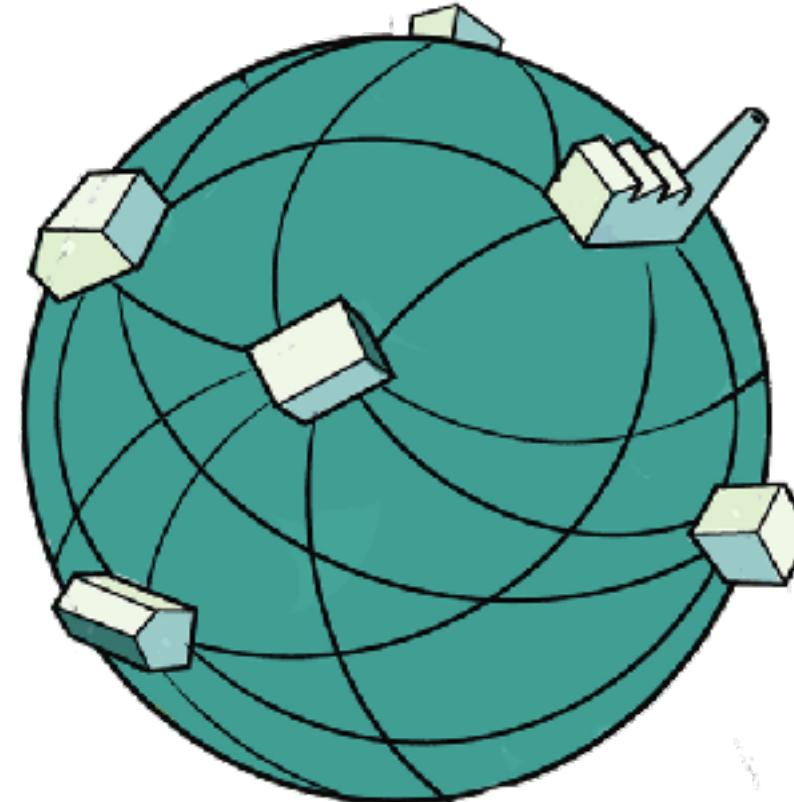


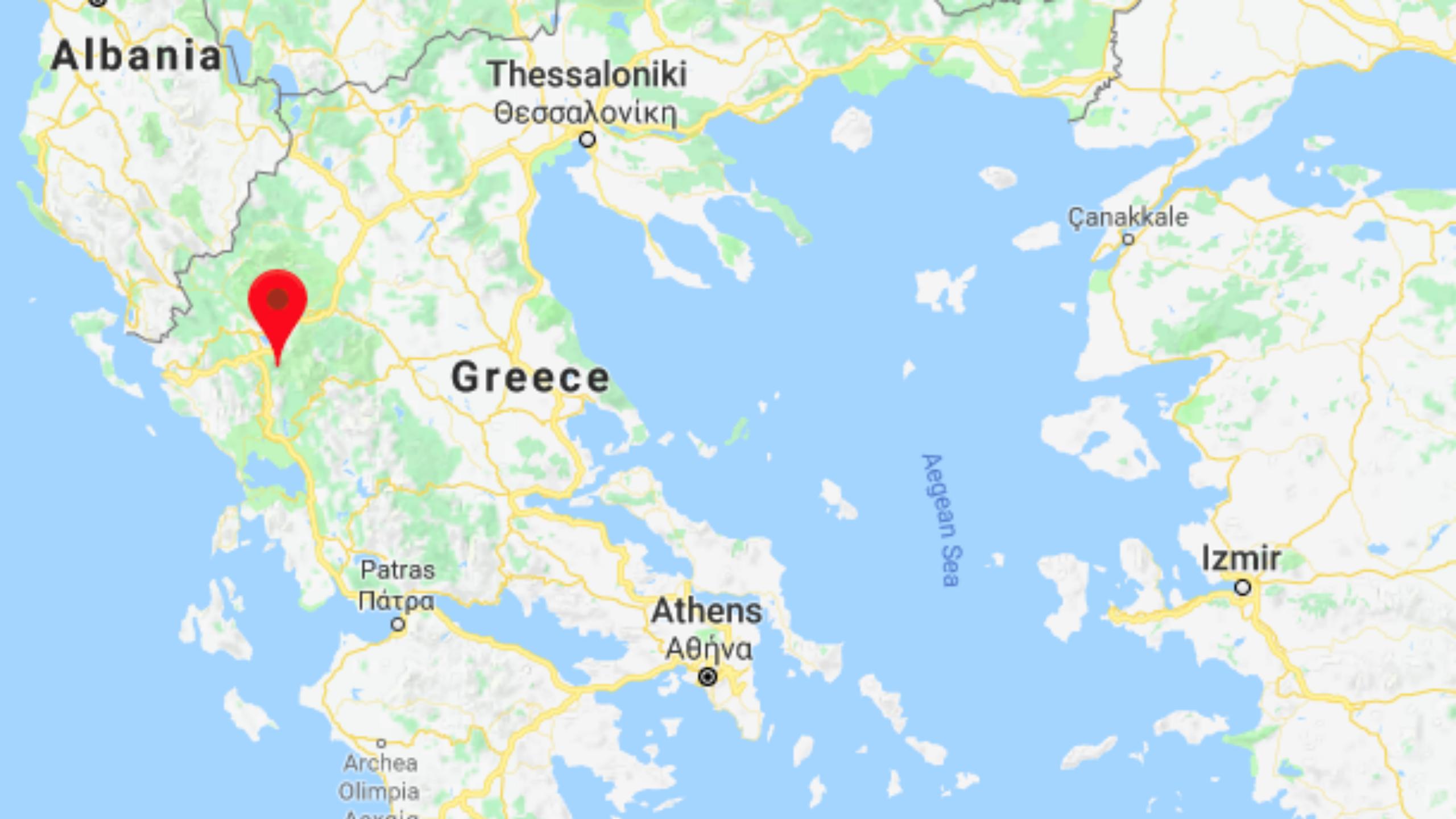
DIGITAL COMMONS
of Design, Knowledge
& Software





A near-future landscape of energy commons





Albania

Thessaloniki

Θεσσαλονίκη

Greece

Patras
Πάτρα

Athens
Αθήνα

Archea
Olimpia
Αρχαία

Çanakkale

Izmir

Aegean Sea





Ο κόσμος μας αλλάζει ραγδαία



RURAL





Tzoumakers @ Tzoumerka GR

A photograph of a workshop or maker space. Several people are gathered around a large workbench, looking at papers and discussing. The workshop is well-lit with large windows showing a scenic view of hills and mountains. Shelves filled with tools and equipment line the walls. A large blue machine, possibly a press or a saw, is prominent in the center. The overall atmosphere is one of collaboration and innovation.

Identifying needs



Participatory design
based on global digital commons



Localized manufacturing



Localized manufacturing





ΟΡΕΙΒΑΤΙΚΟΣ
ΣΥΛΛΟΓΟΣ
ΚΑΛΕΝΤΖΙΟΥ



HABIBI
WORKS

Habibi.Works
20 km from Tzoumackers



Boulouki, Frasta
(15 km from Tzoumackers)



Small-arched bridge



Cobbled pathway



RURAL



RURAL



public-commons partnerships

RURAL







Let's discuss it!