

fab labs

innovation in crisis societies

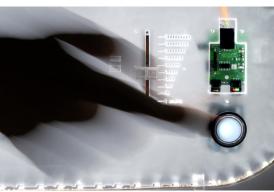
Areti Markopoulou IAAC Masters Advanced Architecture, Director























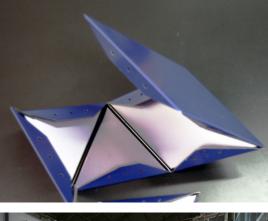










































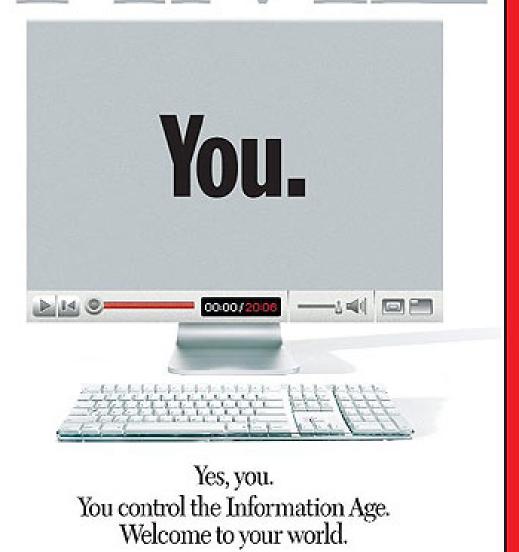
The recent growth of the Internet from a passive source of information to the active Web 2.0 global social community has shown us how we can change many of the paradigms of production systems and the distribution of digital information. In this Web 2.0 structure users are both consumers and producers of content. The formerly directional relationship we had with the TV or the computer has now been transformed into a bidirectional relationship in which each one of us (user/consumer) can produce (producer) the content for other users. The model of distributed production and distributed information has led to a greater democratization of content. It is here that a new definition emerges, and the user is no longer just a user or a consumer but a prosumer (producer+consumer)

[internet 2.0]

new ways of distributing information
new models of production
producer + consumer = prosumer

www.bimeccom

PERSON OF THE YEAR

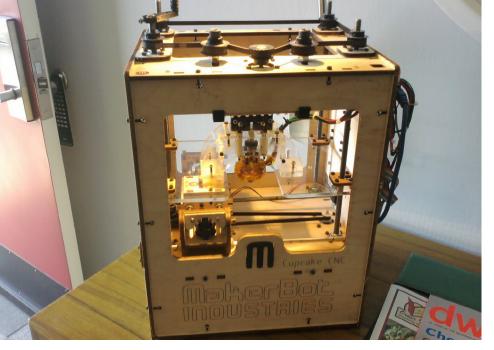


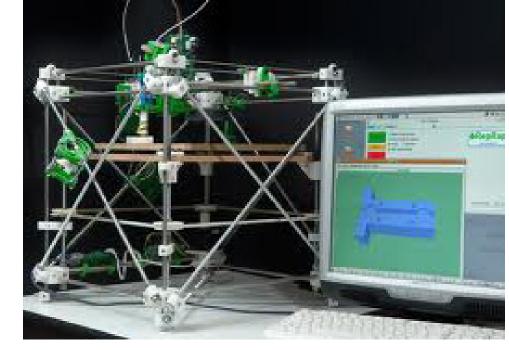


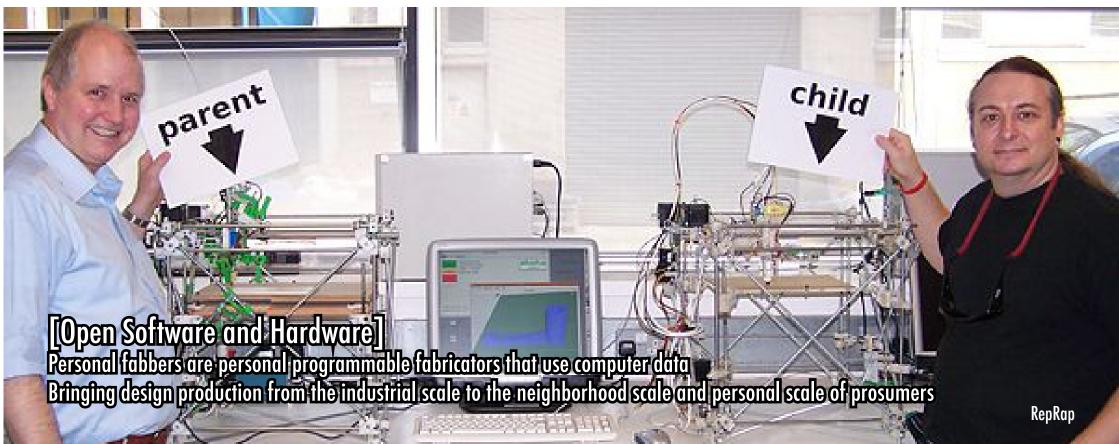


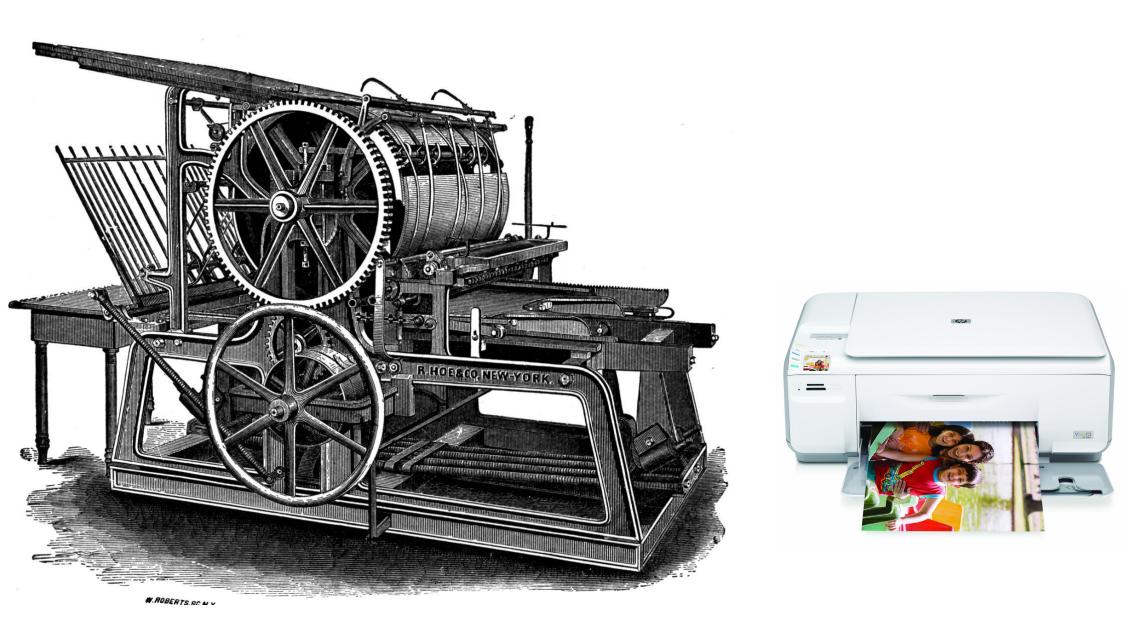


Open Source Design: Access to the source code/used copied,studied,modified,freely redistributed Collaboration for improving usefullness of digital content









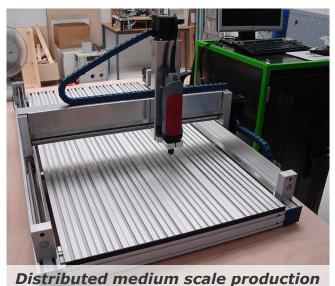
[Personal fabrication]
From Desktop publishing revolution to Desktop Manufacturing revolution/ 3rd Industrial Revolution













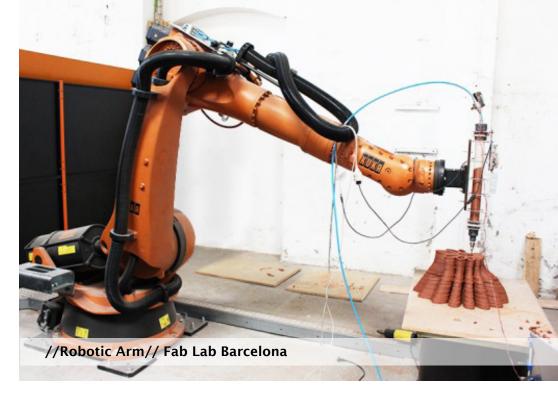
From Personal Computation (PQ) to Personal Fabrication 3rd industrial revolution

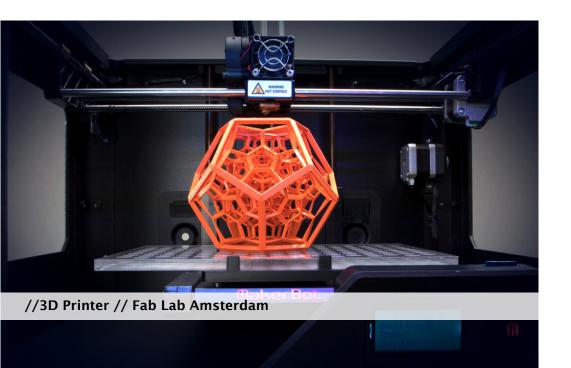




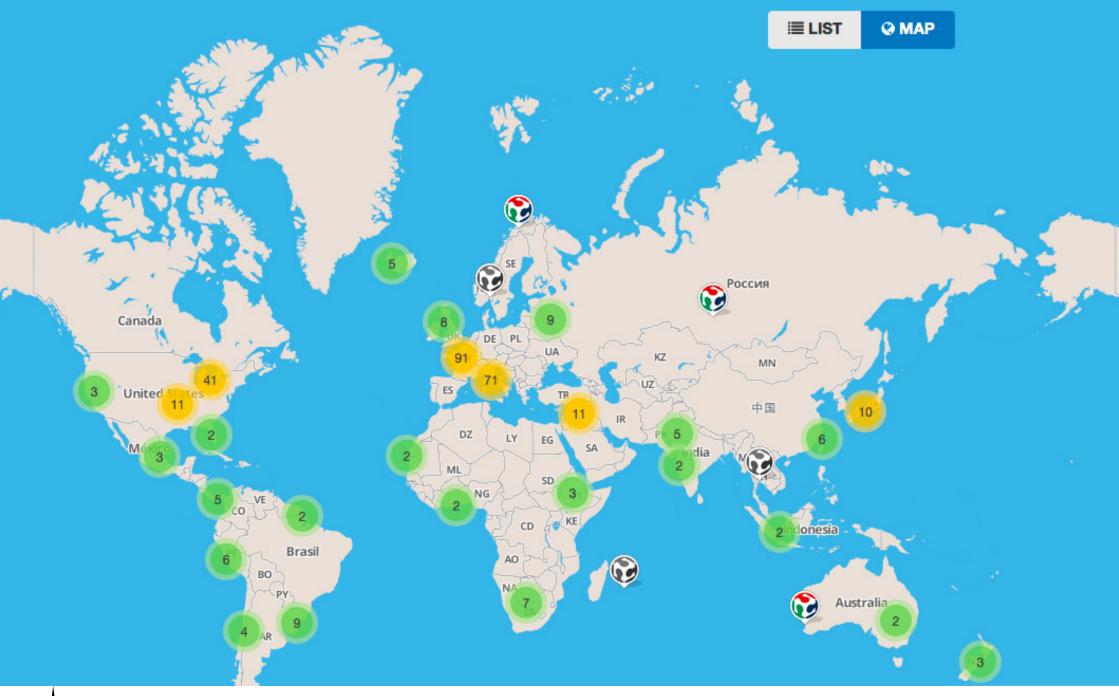












Adistributed knowledge network which shares processes and projects on Internet accriting tools to bring fabrication at the personal level









[what can you make in a Fab Lab?]















[new business models]

/new economic models based on collectivity of peer users
entrepreneurs-start ups
/new techniques like additive manufacturing that needs no stock
production on demand

Social and Personal Manufacturing

[new production models for cities]

Buildings

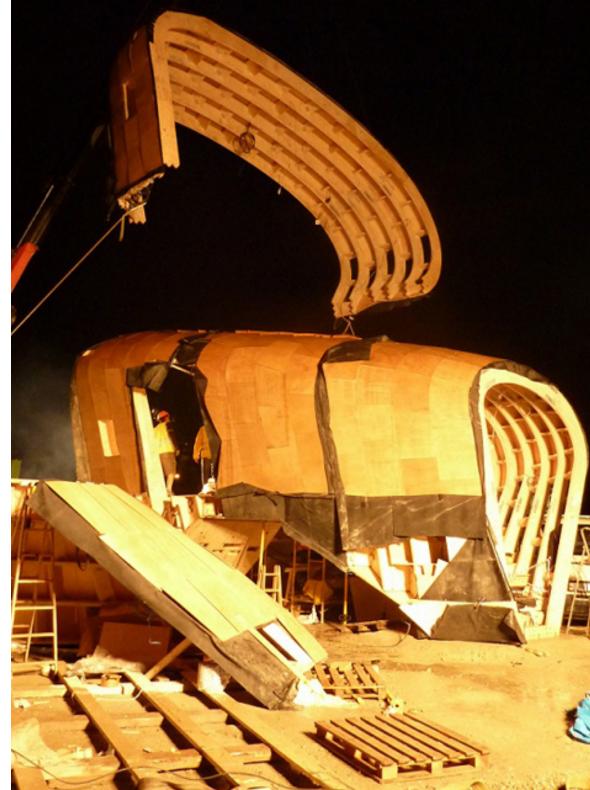














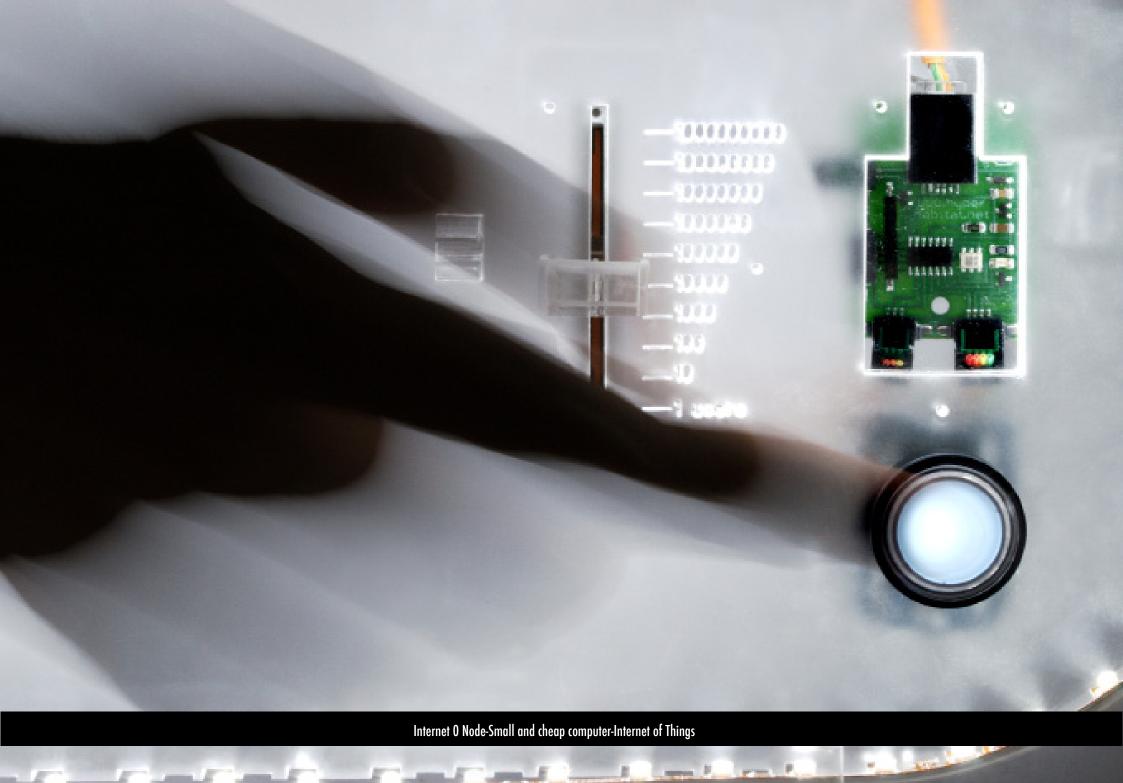




[3d printed buildings]
newtechniques, boyoost, places with no infrastructure



[internet of things]
programming objects that interact among them,
with the environment and the user



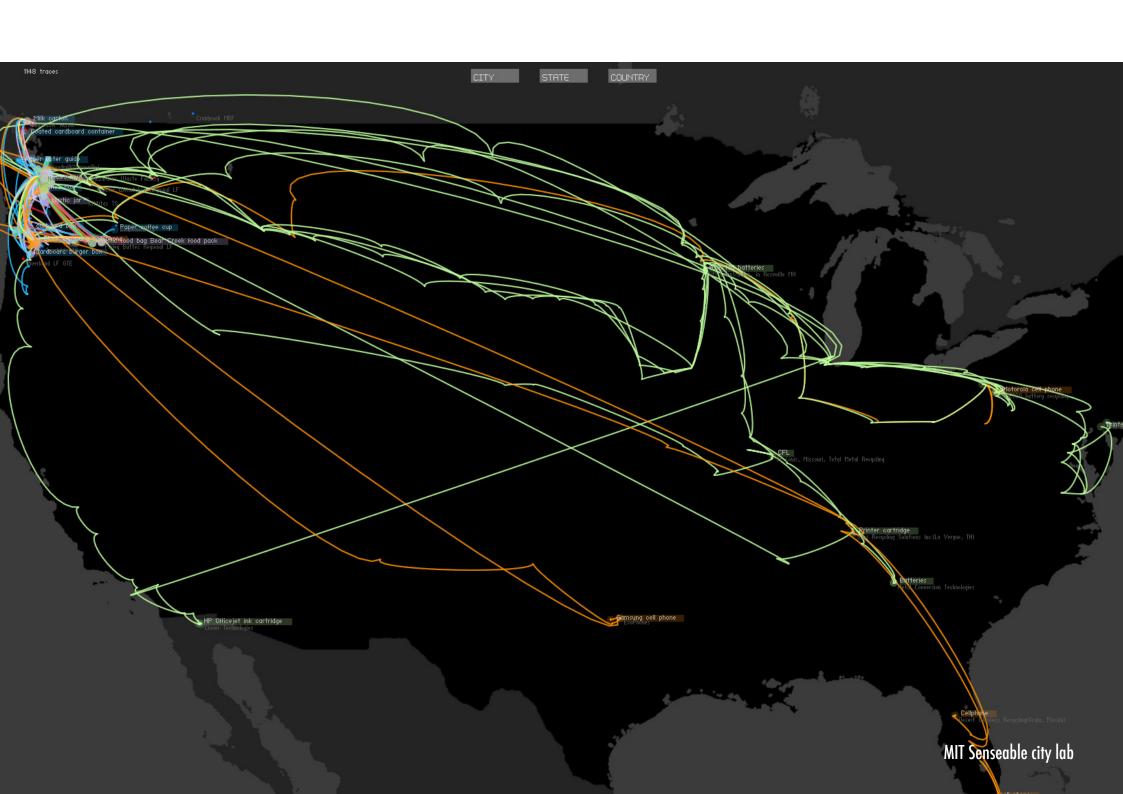












[city protocol]

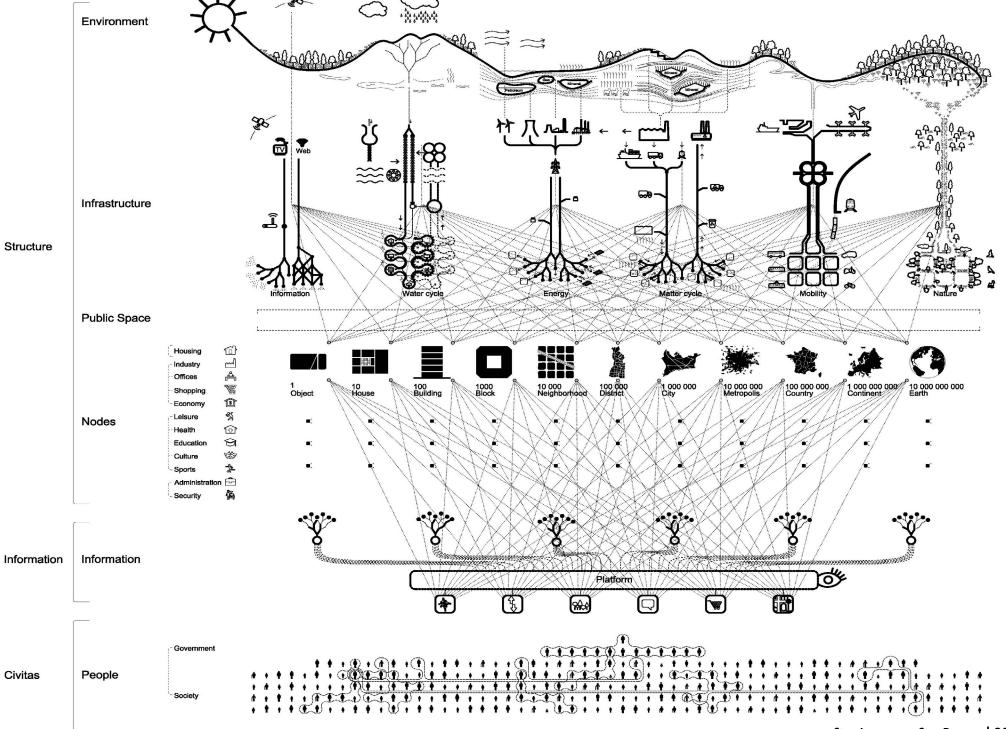
RETURN THE DIFFUR FLER CITATIONS

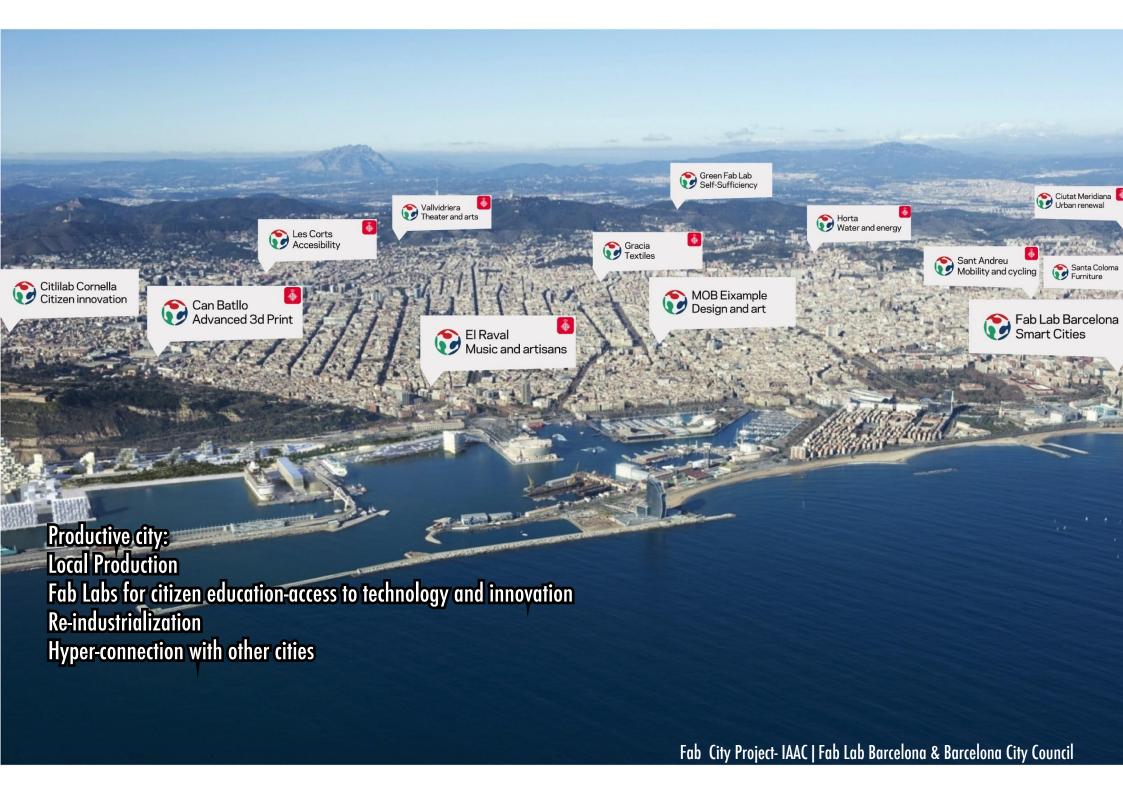
RESIDENTED TO SOME THE CONTRACT OF SECTION OF SECTION





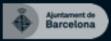
There is a need of new alternative and sustainable models for the production and consumption of goods. Rrowledge, innovation)















'Just as digitization has freed some people from working in an office, the same will happen in manufacturing. Product design and simulation can now be done on a personal computer and accessed via the cloud with devices such as smartphones. It means architects, designers and engineers can work on a product and share ideas with others from anywhere.

What does this do for manufacturing?

[innovation in crisis societies]

from consuming to producing

If means the factory of the future could be me, stilling in my home office."

(Well replicable April 2012, All Together New!)



[thank you]

www.iaac.net www.fablabbcn.org



