



Nordic-Baltic Creativity Forum 2014
'Creative Self-Expression'

August 19th

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Fablab Enthusiast

FabLab =

Fabrication
Laboratorium

fascination

FabLab is technology





**Course at MIT: 'How To
Make Almost Anything**

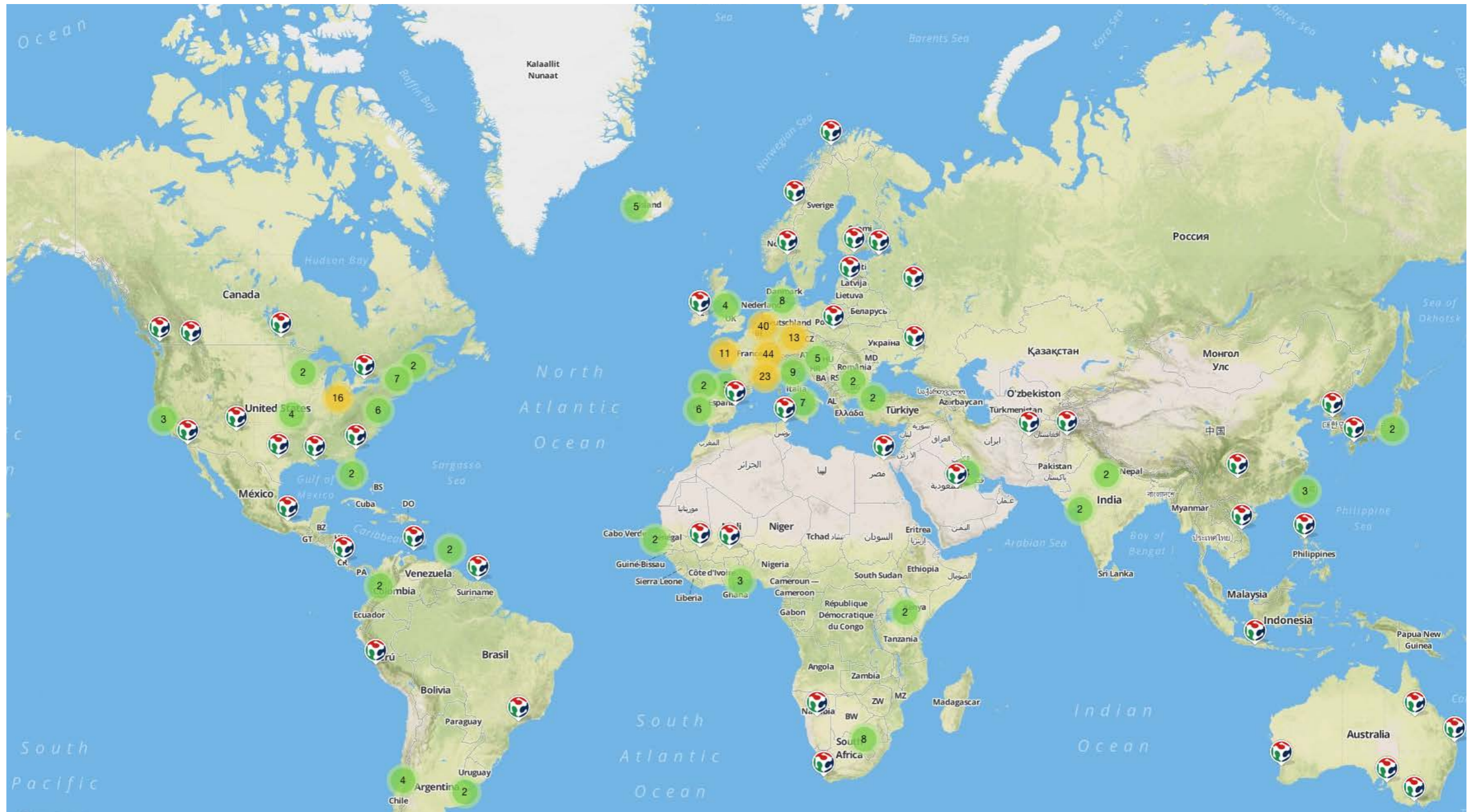
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Outreach activity

=

Fablab

FabLabs are over most of the world ... and spreading



Source: <http://wiki.fablab.is/lablocations/lablocations.html>

FabLab is ideologi



The Fab Charter

What is a fab lab?

Fab labs are a global network of local labs, enabling invention by providing access to tools for digital fabrication

What's in a fab lab?

Fab labs share an evolving inventory of core capabilities to make (almost) anything, allowing people and projects to be shared

What does the fab lab network provide?

Operational, educational, technical, financial, and logistical assistance beyond what's available within one lab

Who can use a fab lab?

Fab labs are available as a community resource, offering open access for individuals as well as scheduled access for programs

What are a fab lab user's responsibilities?

safety: knowing how to work without hurting people or machines
operations: assisting with maintaining the lab
knowledge: contributing to documentation and instruction

Who owns fab lab inventions?

Designs and processes developed in fab labs can be protected and sold however an inventor chooses, but should remain available for individuals to use and learn from

How can businesses use a fab lab?

Commercial activities can be prototyped and incubated in a fab lab, but they must not conflict with other uses, they should grow beyond rather than within the lab, and they are expected to benefit the inventors, labs, and networks that contribute to their success



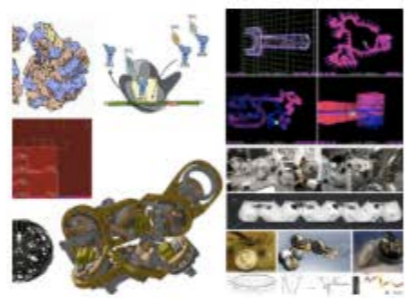
 Fab Labs




 Fab Academy

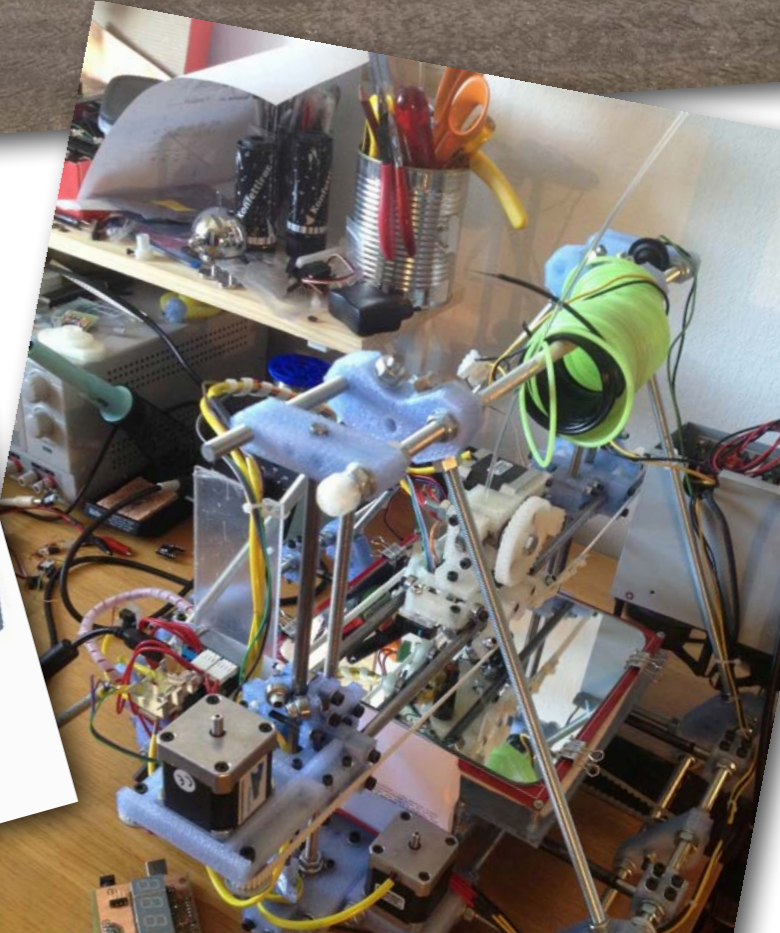
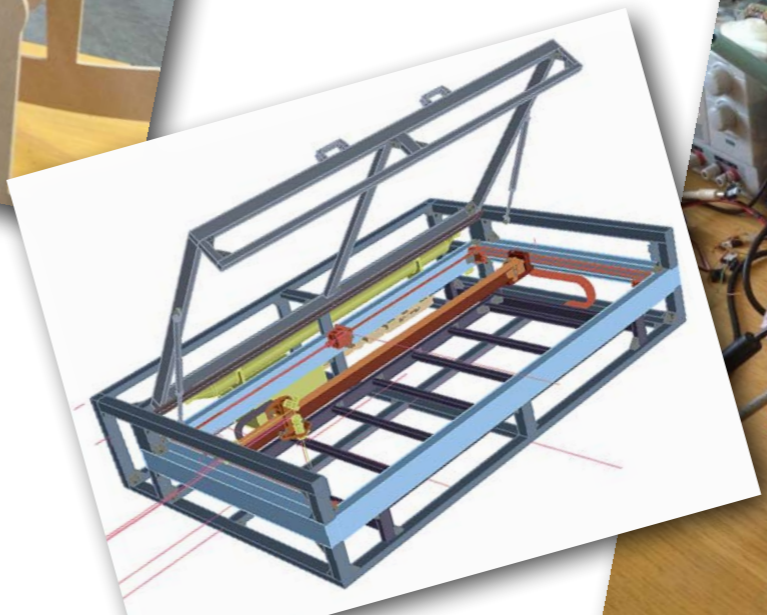
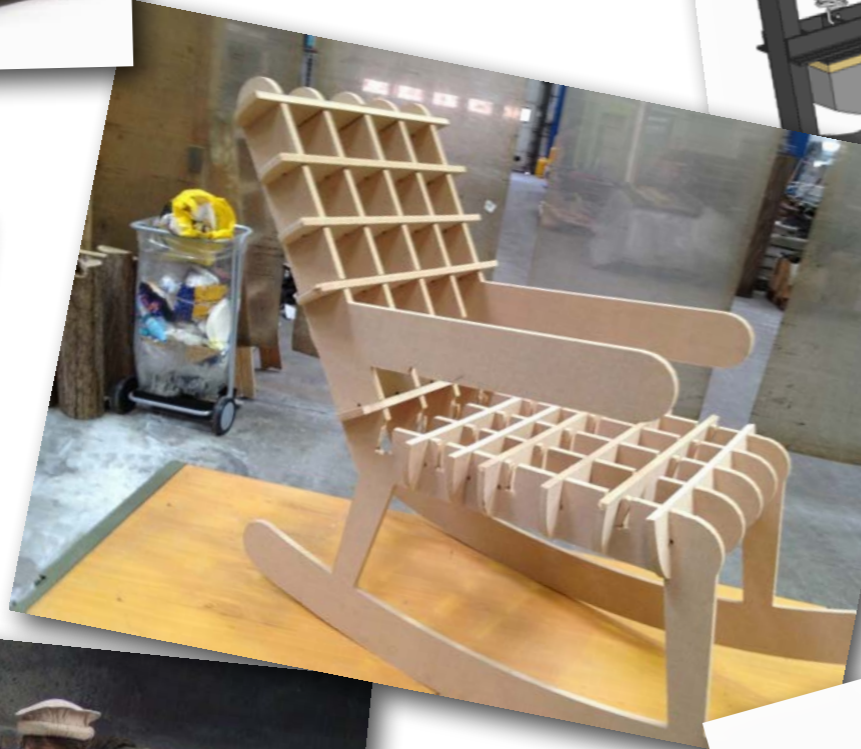
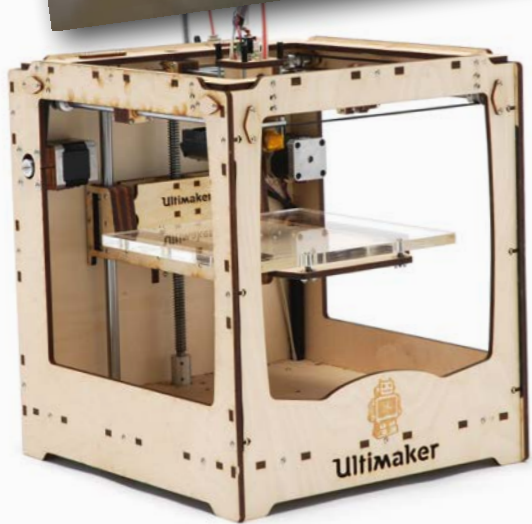


 Fab Research



 Fab Education





FabLab Denmark in the 'Fabhouse' Næstved

www.fablabdanmark.dk



The Mobile Fablab

www.detmobilefablab.dk





FABLAB

Fablab Denmark user Association:

Fablab Nordvest, Copenhagen

Community project in worn-down neighborhood

www.fablabnordvest.dk



Borrow a Factory

Container Fablab as part of art/community project



2013
ROSKILDE
FESTIVAL

2014
ROSKILDE FESTIVAL

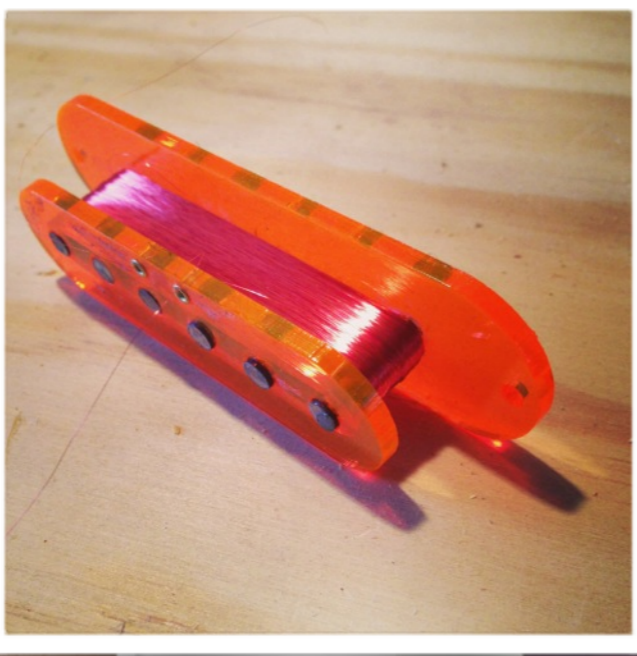


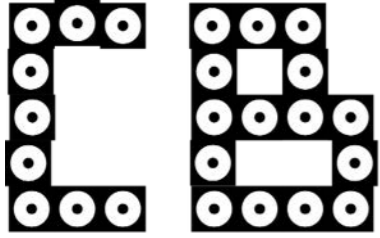


BUILD YOUR OWN
CAMPBLASTER

MAKERSPACE
@rfchange







CAMPBLASTER
COME & BLAST TOGETHER



2013
100 blasters



2014
100 blasters



F
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- ◆ Teaching project funded by EU Social Fund
- ◆ +1600 students, post primary schools
- ◆ +20 schools
- ◆ Creativity, Innovation and Entrepreneurship

Idea



Prototyping



Financing



Manufacturing



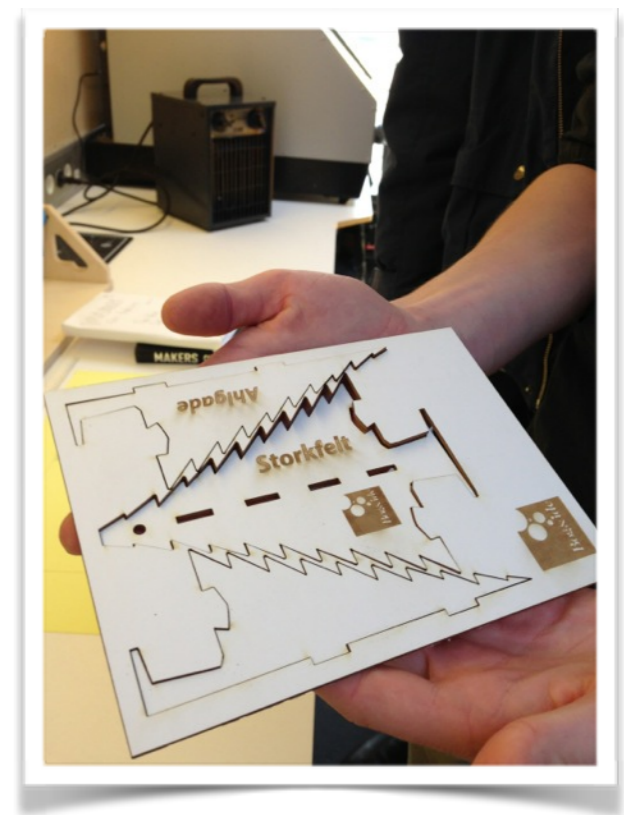
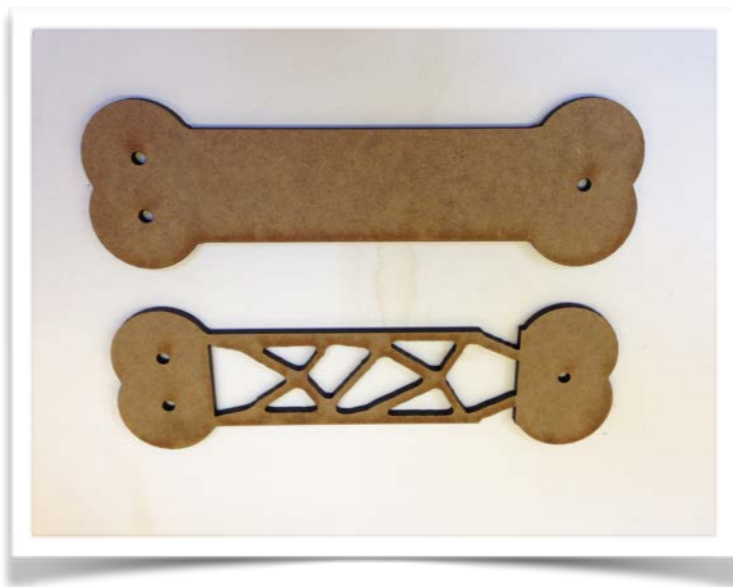
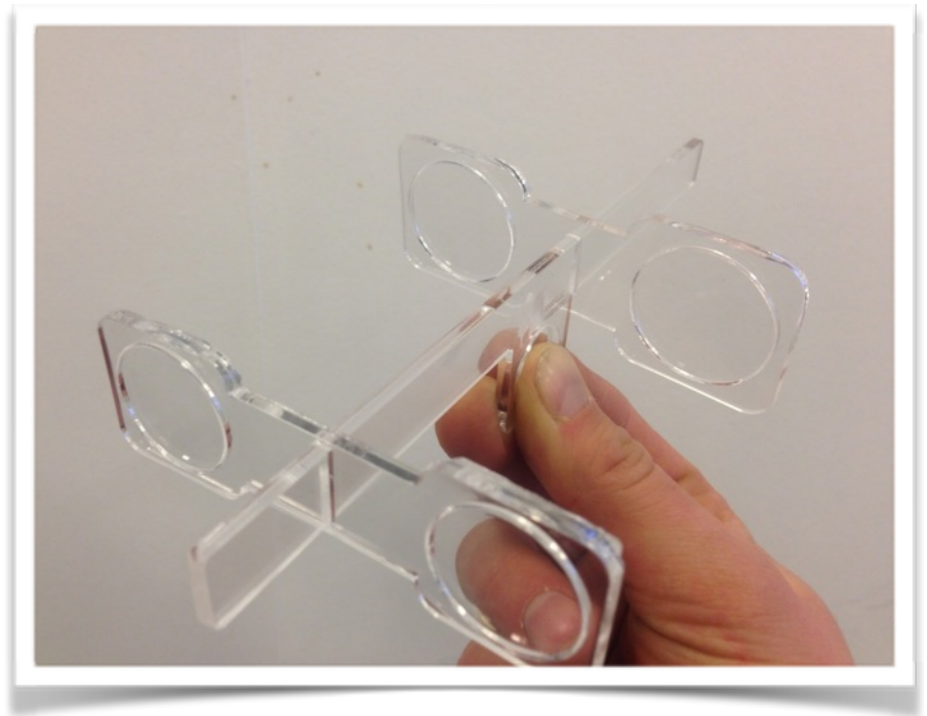
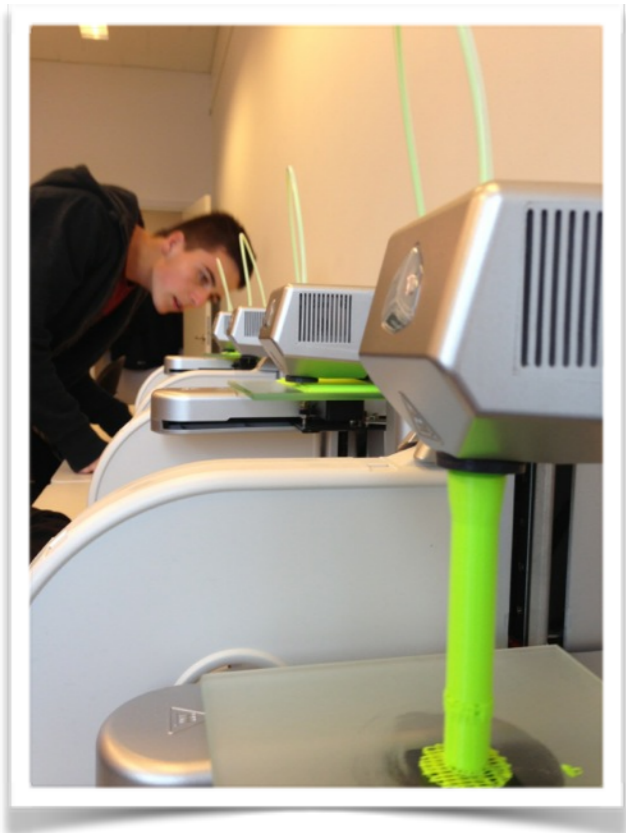
Sales

CAD
3d print

crowd-
funding

out-
sourced

online



Why pay attention to the Fablab movement?

- ◆ Maker-movement spreading fueled by knowledge sharing, OS, and cheap technology
- ◆ People learn useful skills :-)
- ◆ Technology is a creative media
- ◆ We need young people to be interested in technology

Want to get in touch or set up a Fablab?

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