Luc Henry

@heluc

Hacking is about breaking rules

So what are they?

You need a degree to be
a scientist/innovator

Really?

You need an institution
(and a lot of money)
to run a lab

Really?

You need patents to trigger innovation and start a business

Really?

Many more:

You need a lot of time to come up with a good idea

You need precision products to make observations

You need a lot of money to get these

You can't fix things yourself

Really?

Hacking is a myth

So there must be interpretations

DIYbio is about "using open access tools and claiming independence from both academic and corporate institutions".

Bio-hackers. The politics of open science – Alessandro Delfanti

Who we are?

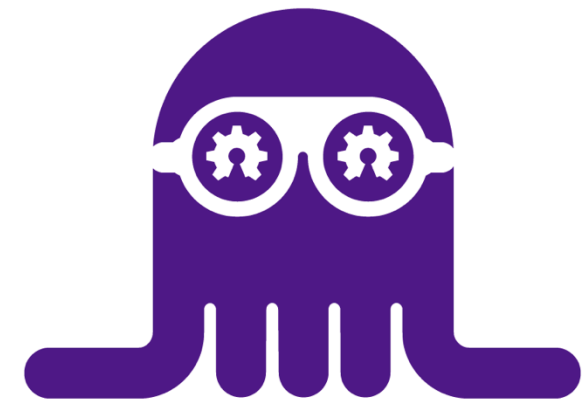**Association**

10 board members

35 members

Idea emerged in March 2014

Founded in July 2014
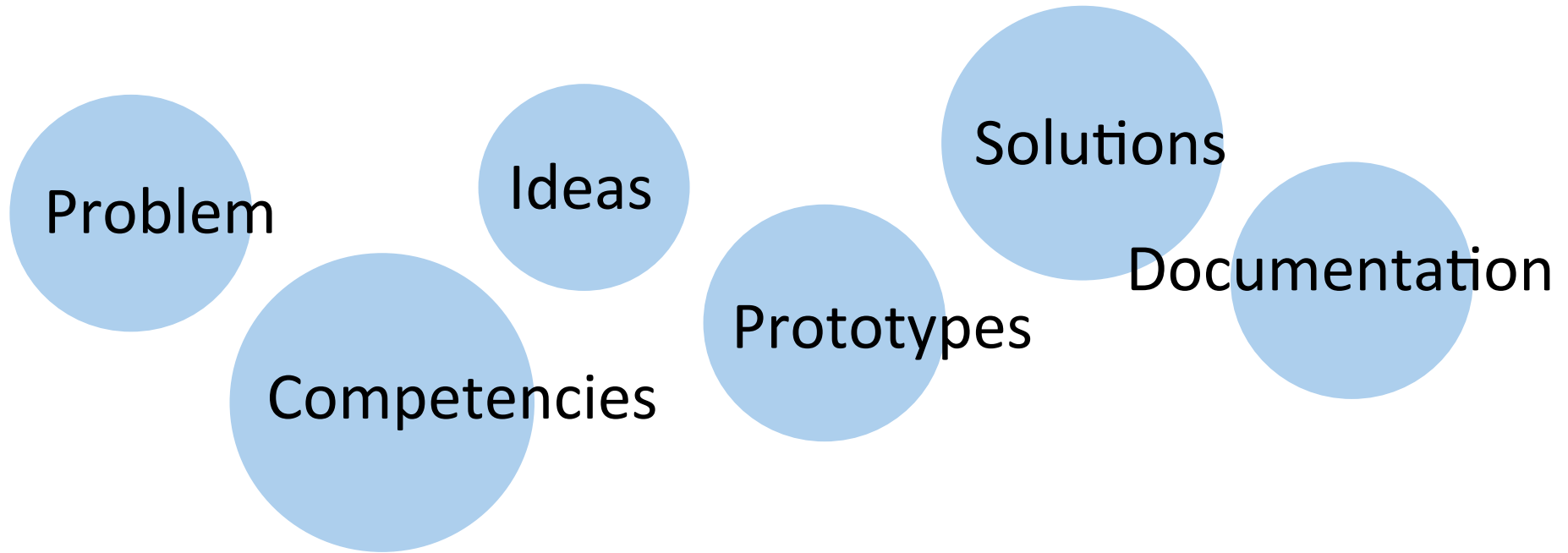
Part of a structure called UniverCité

www.hackuarium.ch

Hackuarium

People!

These people are doing the projects

Problem

Competencies

Ideas

Prototypes

Solutions

Documentation

Hackuarium

Where are we on the map ?

Education
Innovation
Community

Responsibility
Open Source

Informal

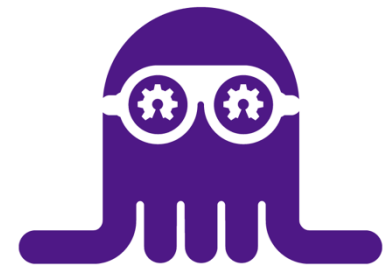Multidisciplinarity

Artists/Designer/Architects

Makers / Hackers

Scientists

Citizen Sciences
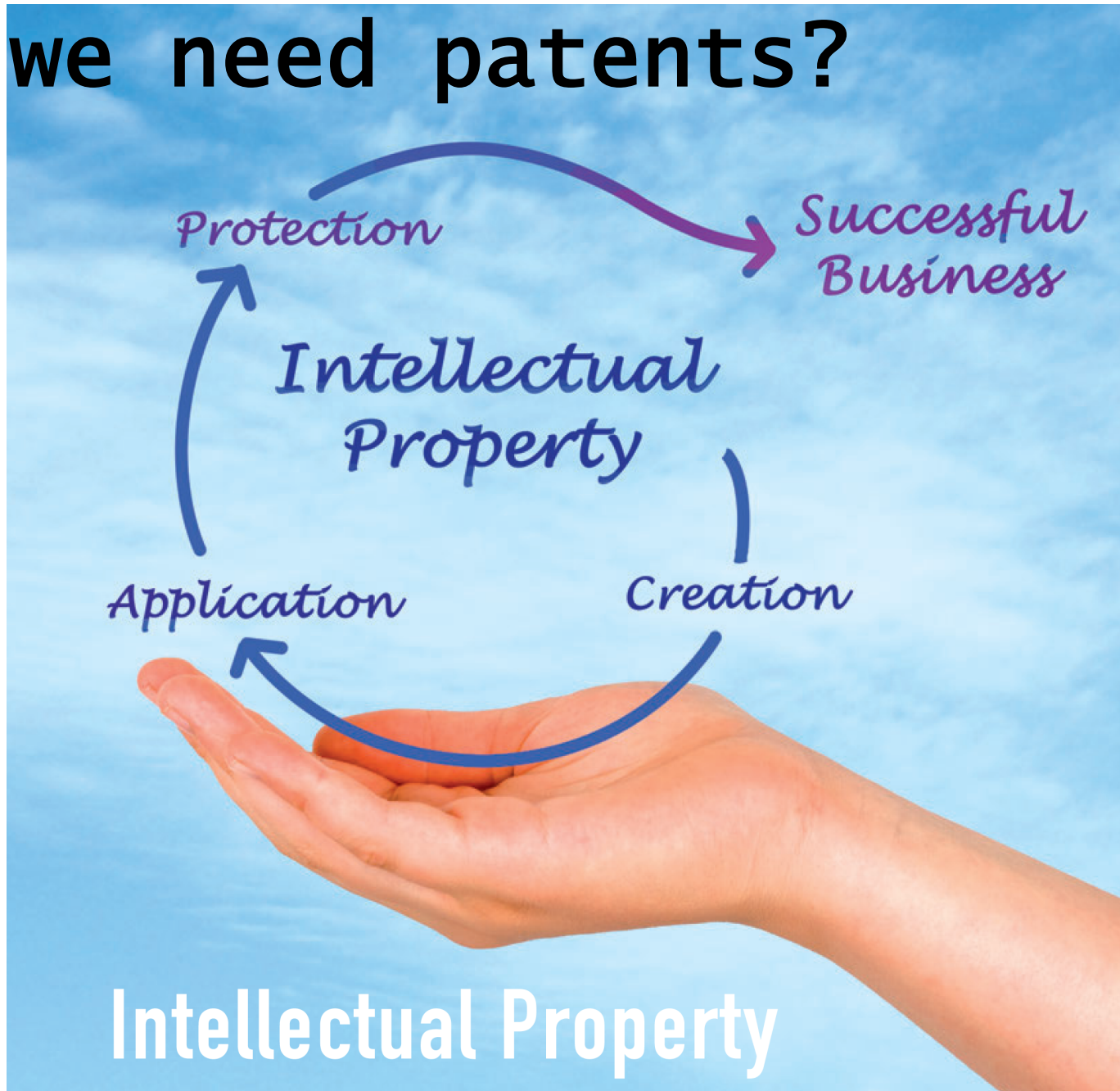
Crowdfunding

Upcycling

DIY

Hackuarium

Time   Passion   Curiosity

Do we need patents?

Source: European Biotechnology

Are patent even useful?

"Yes, (many studies show a correlation between patents and innovation) but you cannot <u>prove</u> causation"

Does Patent Licensing Mean Innovation?

Robin Feldman – University of California Hastings College of the Law
Mark A. Lemley – Stanford Law School

Can Patents Deter Innovation? The Anticommons in Biomedical Research

Michael A. Heller and Rebecca S. Eisenberg

Open questions

How can open sourcing and hacking help innovation happen?

What are the limitations and challenges of open source models? (especially in biology)

What are the niches where open source /DIYbio make a difference?

THANK YOU!

Get in touch:
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