



#hoopingchamps\_

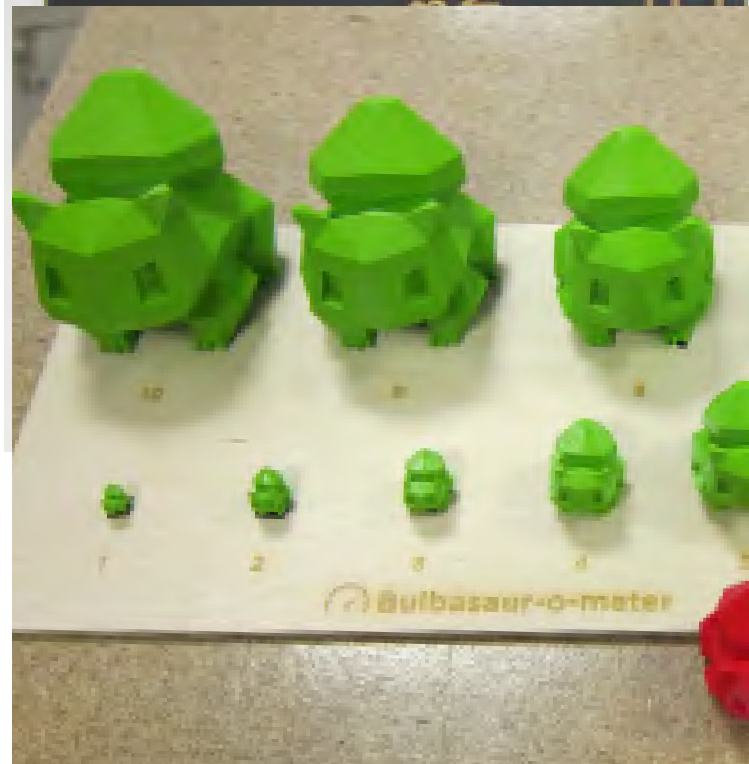
## Problem Statement/Ideal Situation

**How can we support the worldwide local maker movement and places to build sustainable practices and 'circular thinking' into its approaches, projects and spaces?**

Around the world there has been a growth in practical Fab Labs, maker spaces and local design and manufacturing capabilities. This is encouraging for the circular economy community, as it raises understanding and awareness around how things are made and where they come from and fosters greater consideration of the impact of resource use. There is opportunity to further enhance this with aligning the way and place of working, alongside building in greater consideration of the future effects of this area; including 3D printing, wearable tech, IoT.







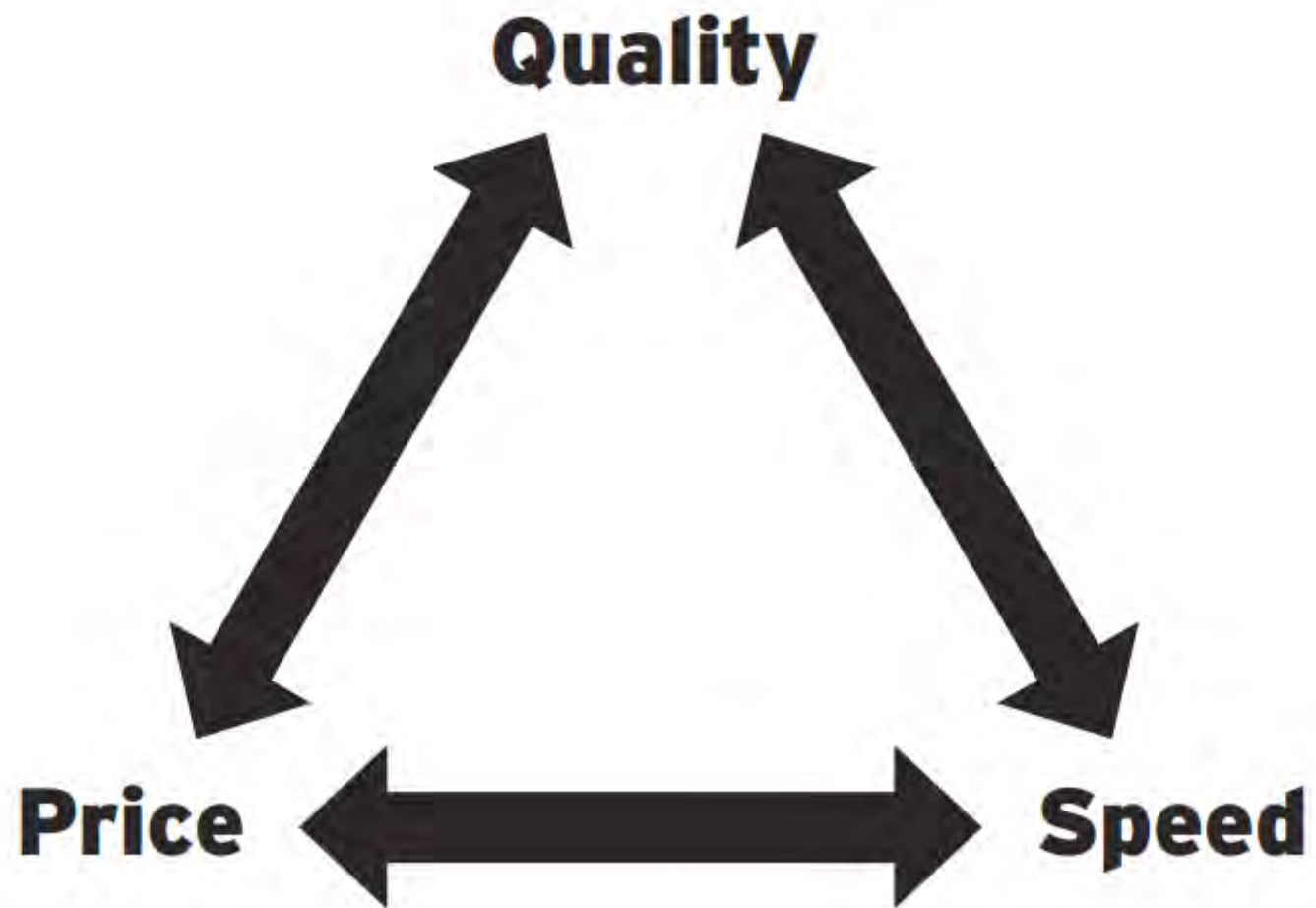
# Fab Lab London - materials price list - February 2015

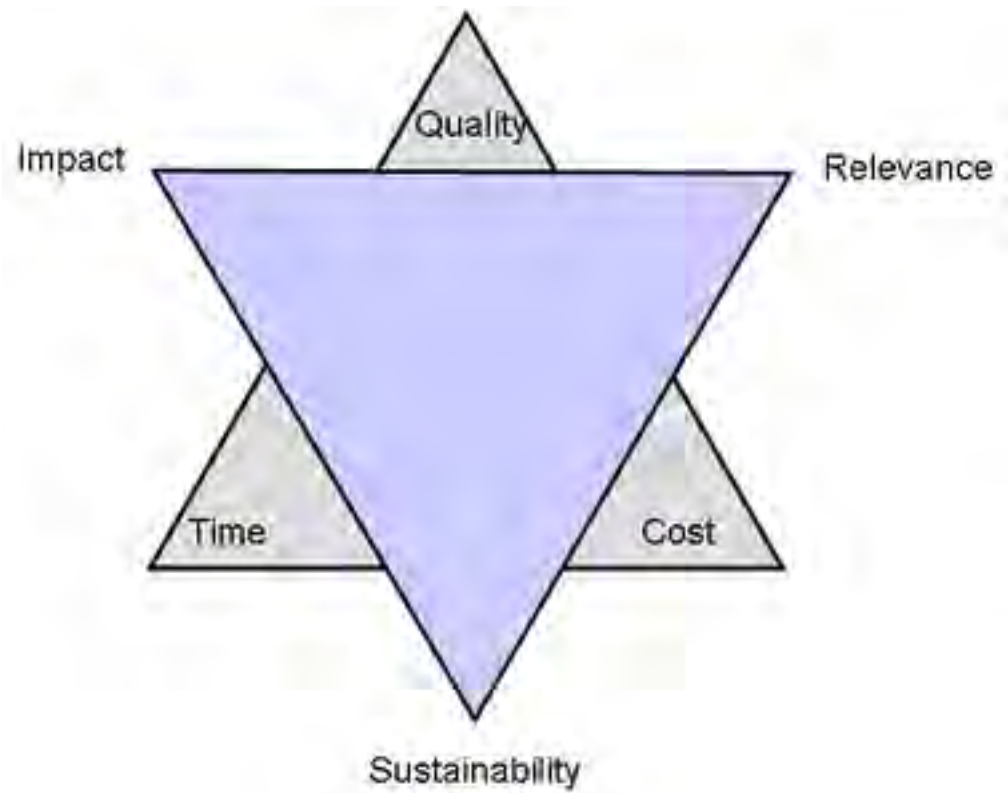
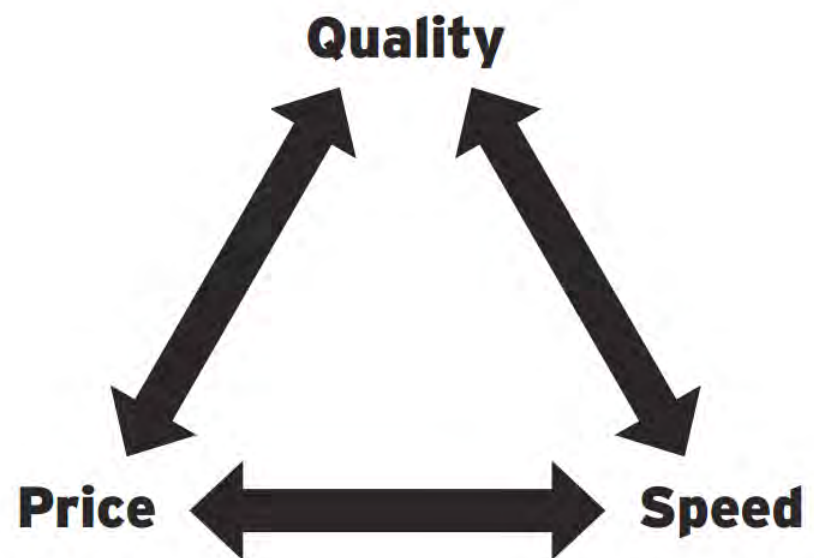
Material		Length (mm)	Width (mm)	Thickness (mm)	Price incl. VAT
Acrylic-cast	Clear	250 mm	500 mm	2 mm	£8.60
				3 mm	£5.70
				5 mm	£8.20
				6 mm	£10.20
				8 mm	£13.10
	Colour	250 mm	500 mm	3 mm	£8.80
				5 mm	£9.50
	Fluoro	250 mm	500 mm	3 mm	£8.30
				5 mm	£11.90
	Frosted clear	250 mm	500 mm	3 mm	£7.70
				5 mm	£11.90
	Opal	250 mm	500 mm	3 mm	£8.30
				5 mm	£9.50
Acrylic-extruded	Clear	250 mm	500 mm	2 mm	£4.20
				3 mm	£5.60
				5 mm	£8.30
	Mirrored	250 mm	500 mm	3 mm	£12.50

# VALUE

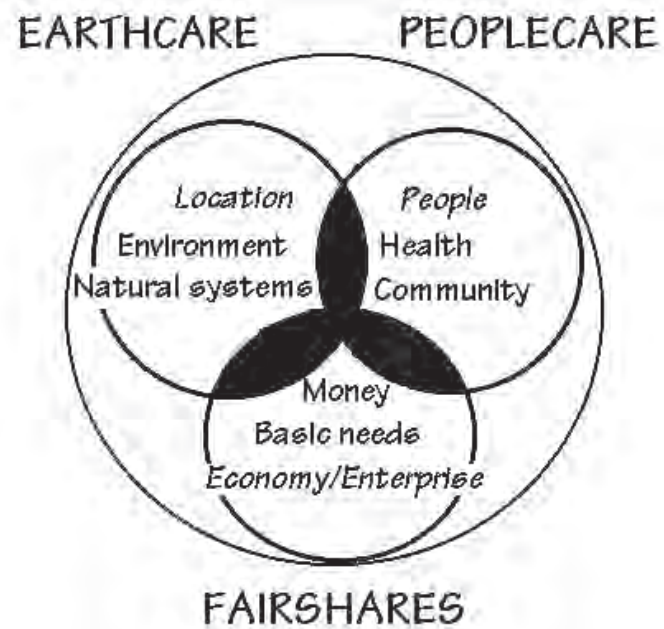
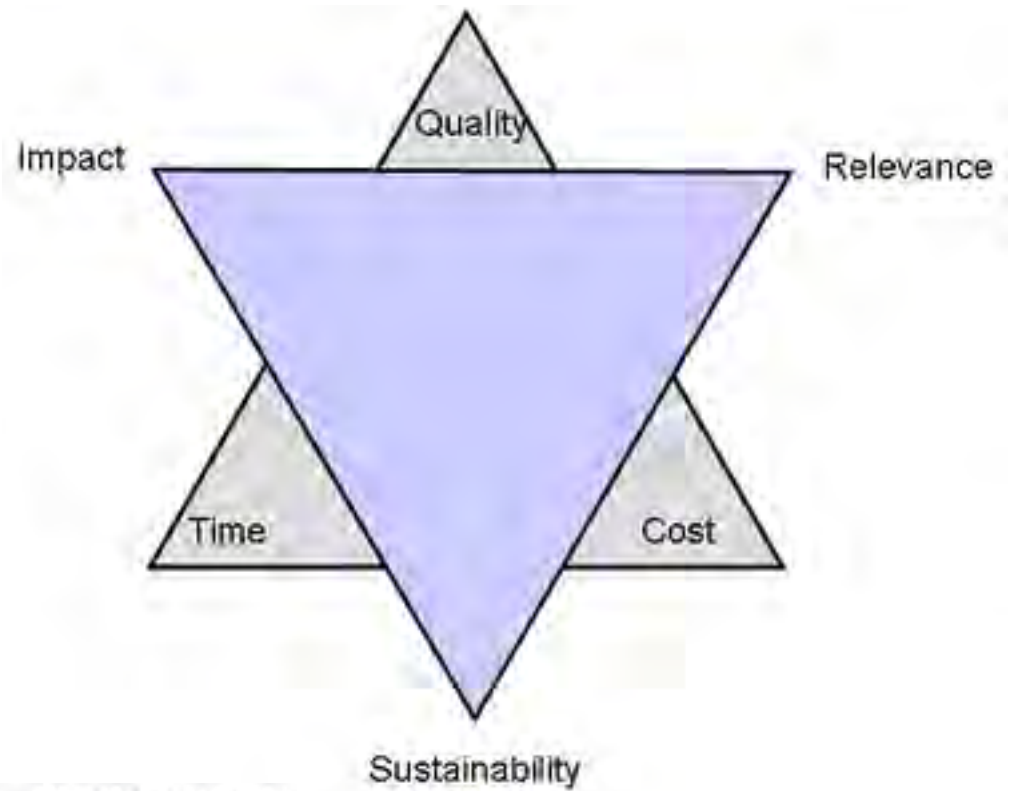
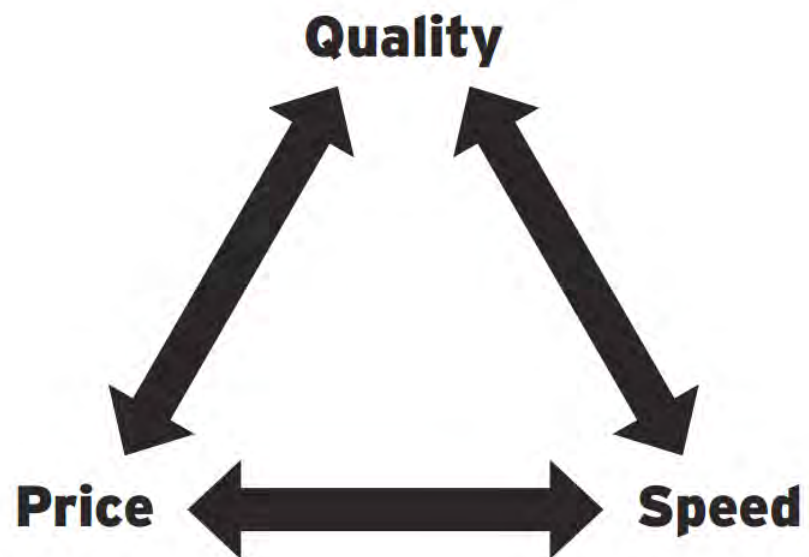
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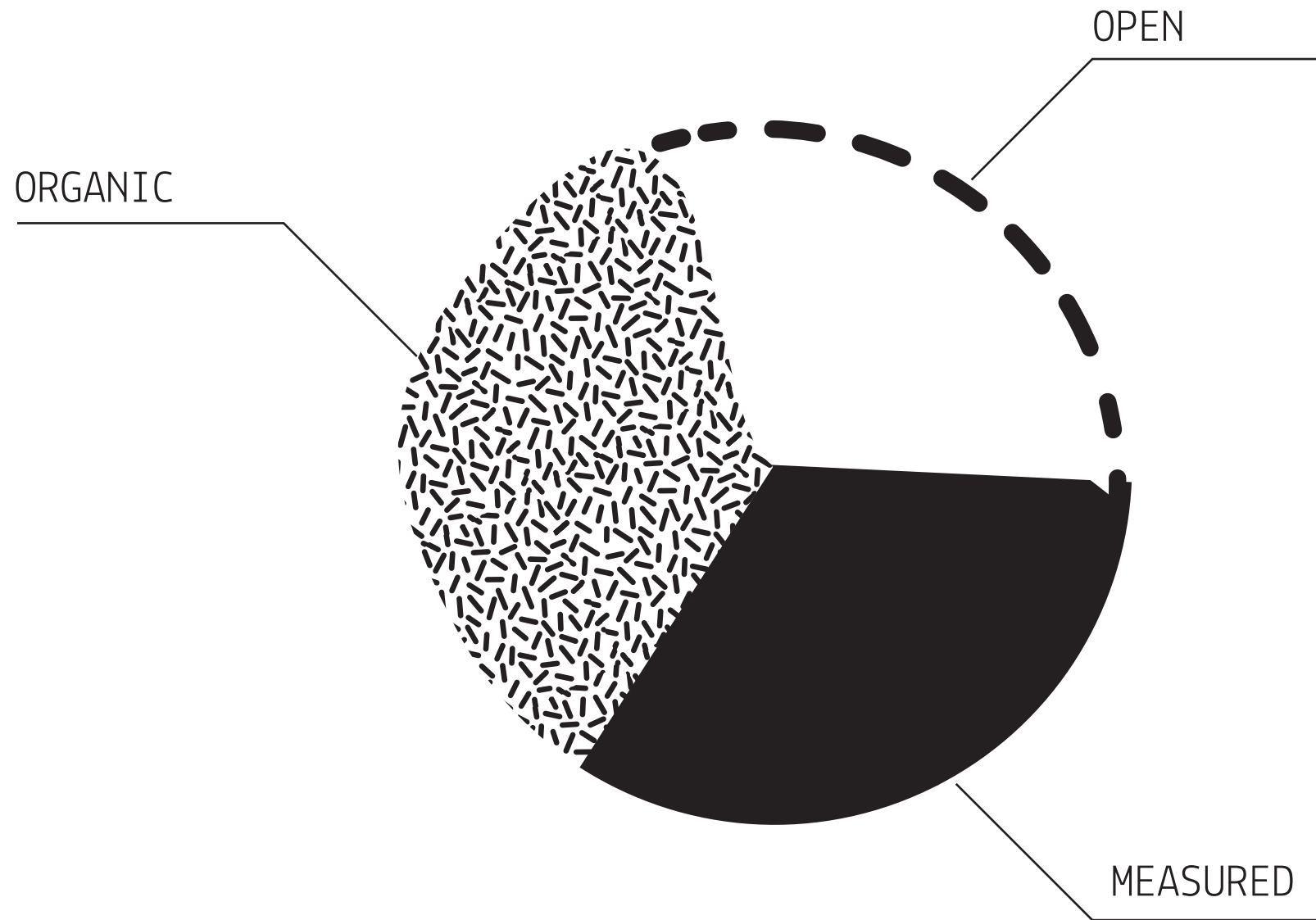






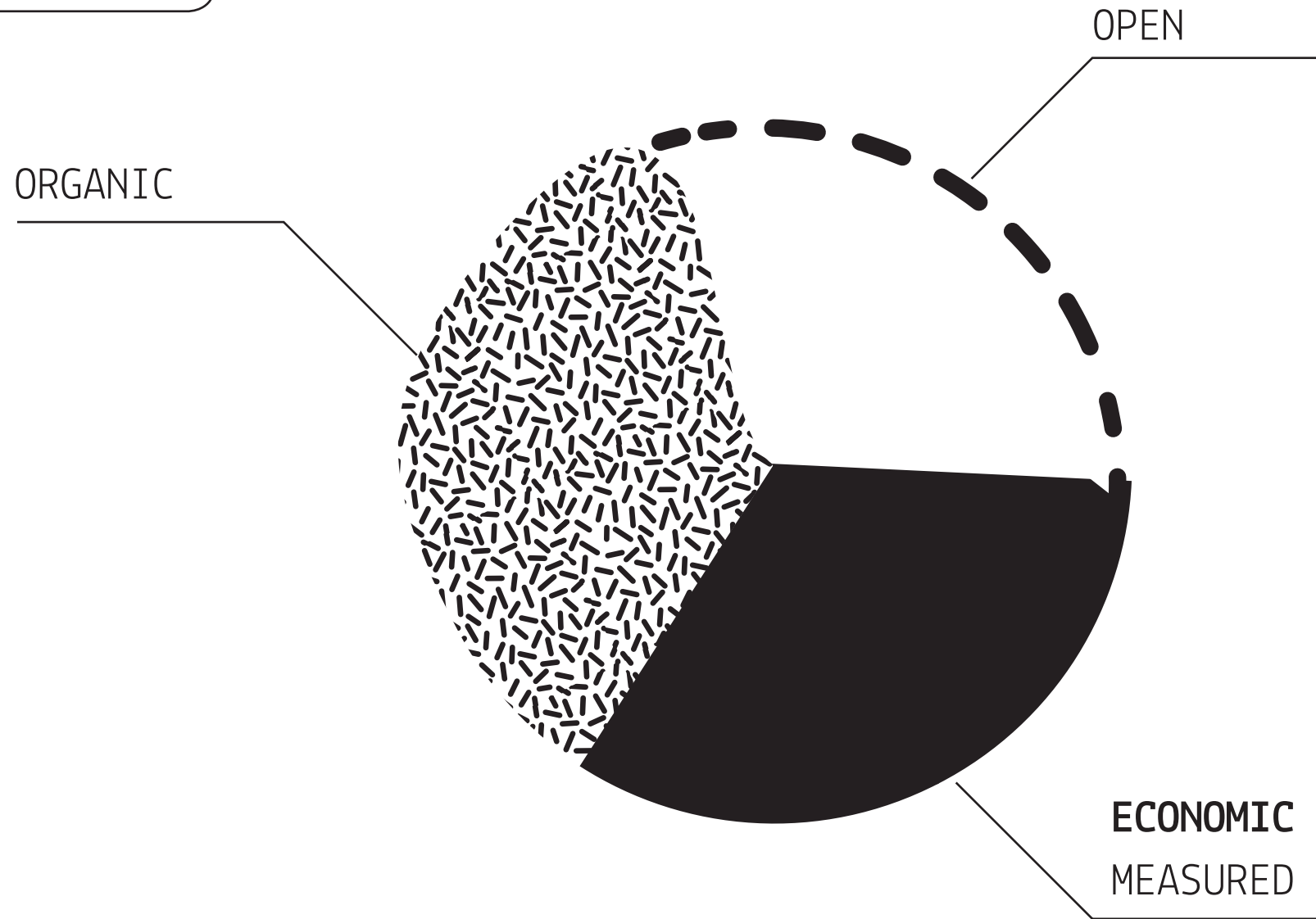


#hoopingchamps\_ **#hoops**



#hoopingchamps\_ **#hoops**

# SUSTAINABILITY



#hoopingchamps\_ **#hoops**

SUSTAINABILITY

ORGANIC

SOCIAL  
OPEN



ECONOMIC  
MEASURED

#hoopingchamps\_ **#hoops**



# SUSTAINABILITY

ENVIRONMENTAL  
ORGANIC

SOCIAL  
OPEN



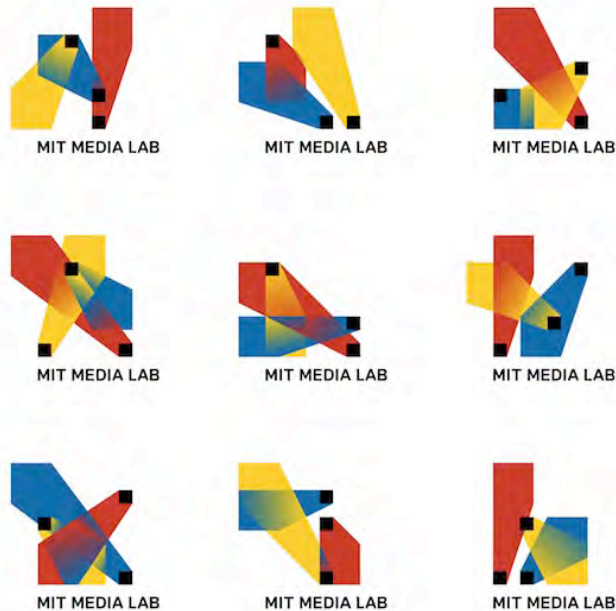
ECONOMIC  
MEASURED

#hoopingchamps\_ **#hoops**

# #hoops

are evolving

are representing the relationships



## Etching time estimator

10 min, 51 sec



FABLAB  
LONDON

6 min, 38 sec



FABLAB  
LONDON

3 min, 25 sec



FABLAB  
LONDON

1 min, 13 sec



FABLAB  
LONDON



2 min, 57 sec



6 min, 45 sec



11 min, 13 sec



16 min, 28 sec



50%  
SAVED

### Etching time estimator

10 min, 51 sec



FABLAB  
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FABLAB  
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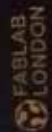


FABLAB  
LONDON

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LONDON

16 min, 28 sec





Log in/ Sign up ...

# Welcome to Maker Circle

See the highlights of interesting projects from eco  
champs around the world or share your own



Build your Case



Material Ratings



http://makercircle.com



Log in/ Sign up ...

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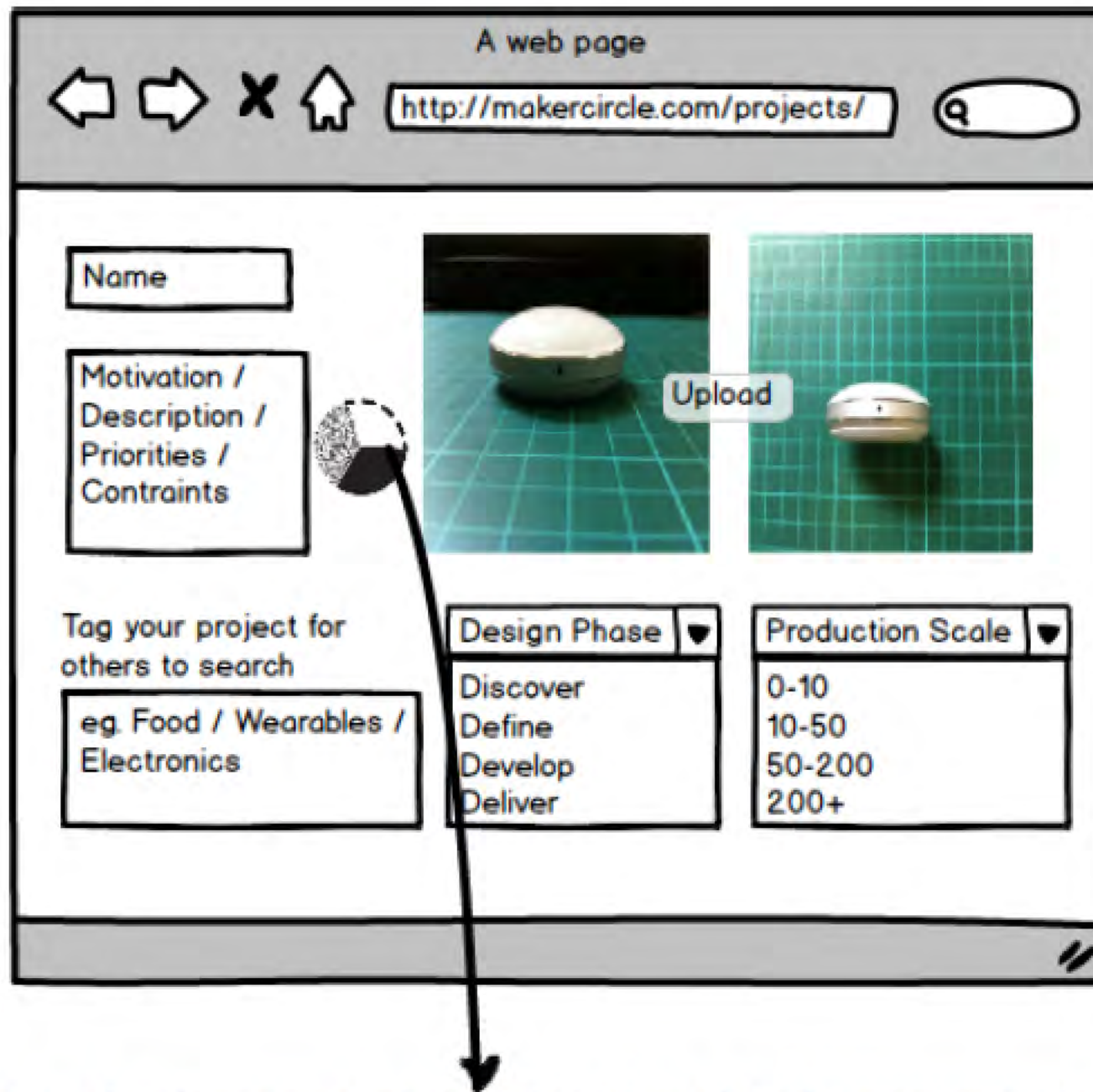
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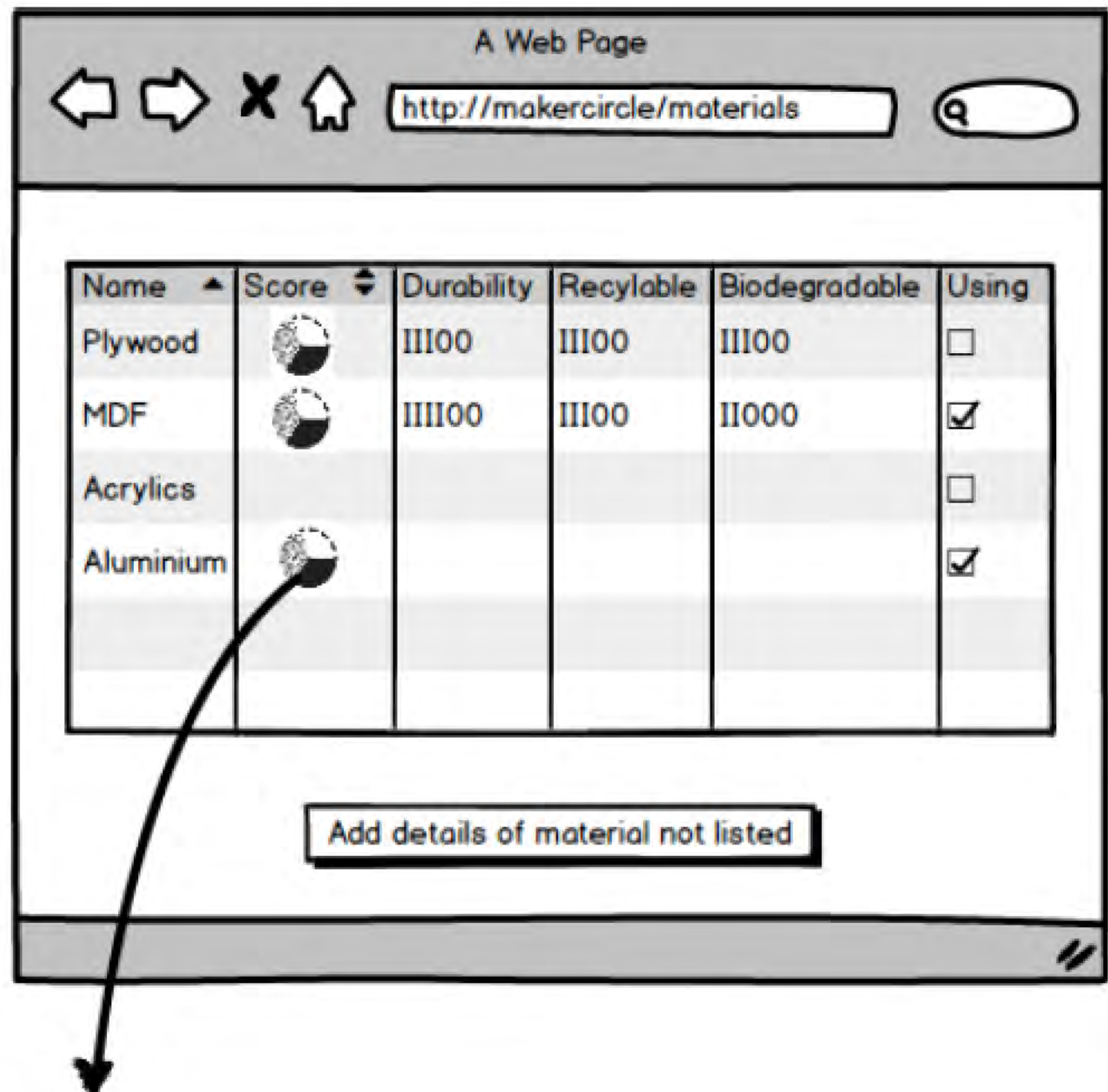
Build your Case



Material Ratings



[Links to about hoops page and gives a breakdown of circular economy considerations](#)



TOP 10

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BOTTOM 10

[Links to Material details from a range of sources](#)



## A Web Page

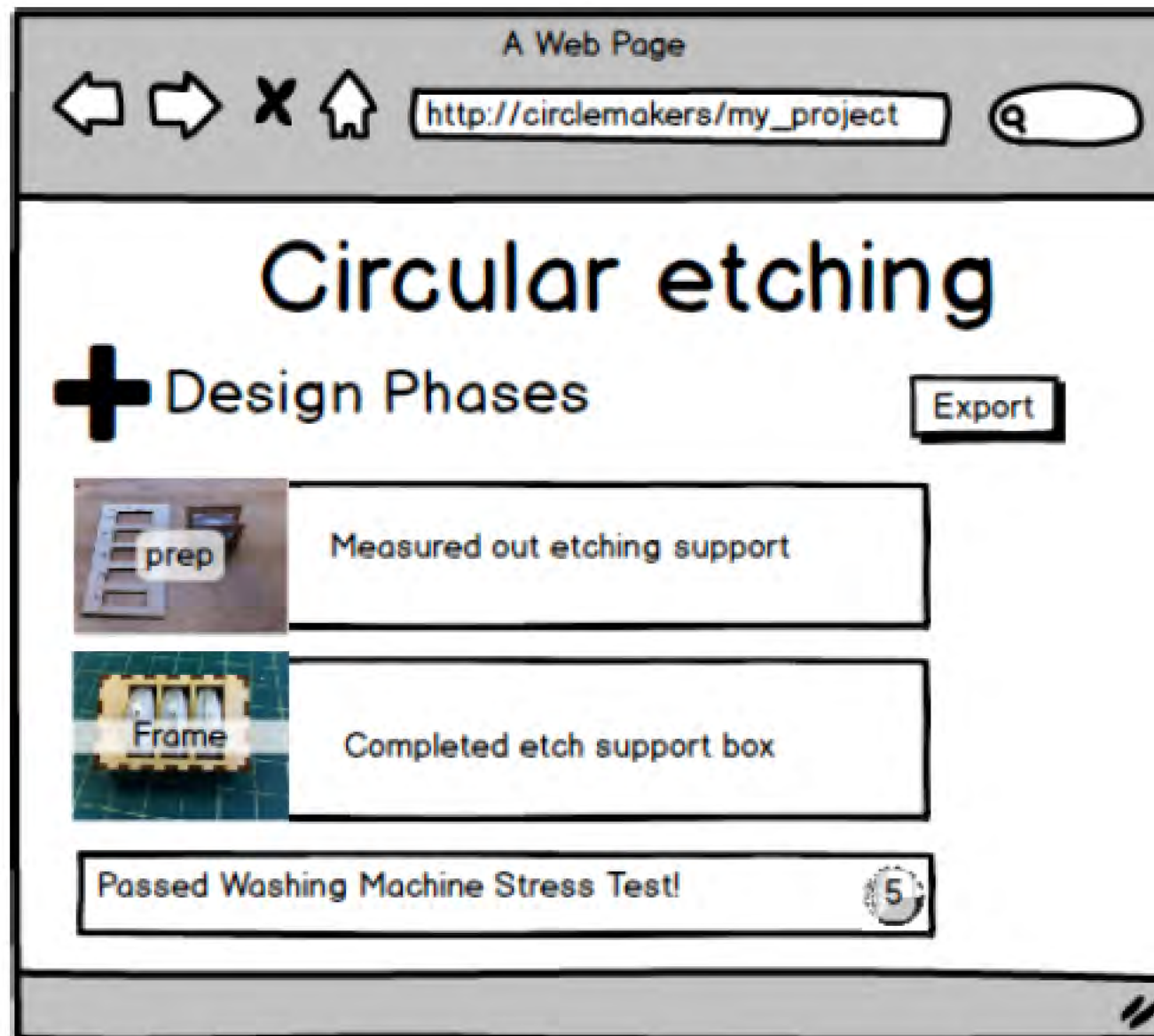


<http://makercircle/processes>



Hooping champs of the maker space to add best practice information and considerations when using these processes.





## STEPS REQUIRED:

1. Gather data on materials and project case studies
2. Approach other stakeholders (manufacturers, suppliers, ...)
2. Develop early prototype with this data and publish online  
– domain registration: [www.makerscircle.org](http://www.makerscircle.org) - TBD)
3. Observe FabLab London further & a selection of  
    Makespaces > identify further most pressing  
    invisible issues
4. Identify and connect with further [hoopingchamps\\_](#) and  
    invite them to feed in to the tool
5. Keep connected on #Circular Makerspaces in OSCE network  
    to spread the word





circular  
actions  
through #sharing  
for #people power  
**#makerscircle**

#OSCEdays  
#CircularMakerspaces  
#hoopingchamps\_