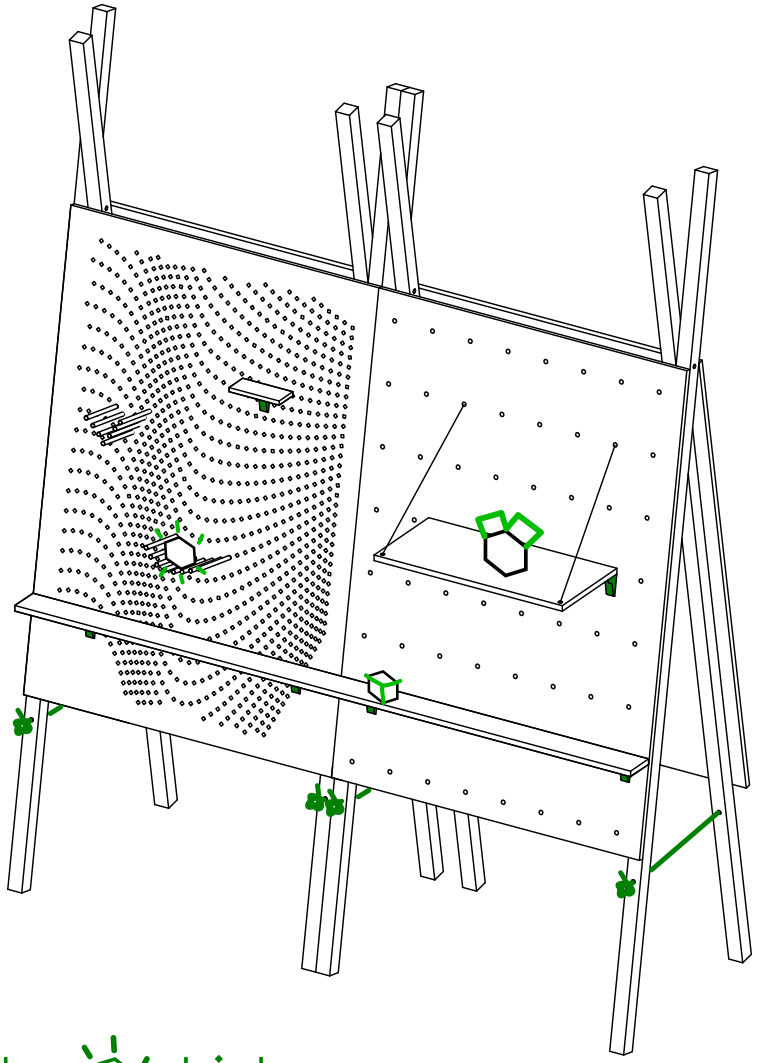
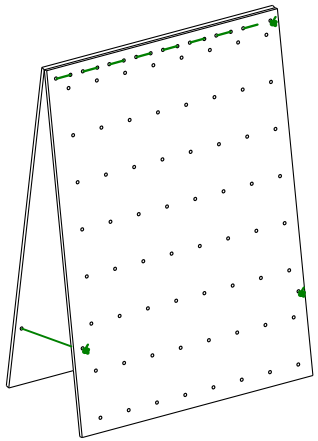
Peggy
a showcase system for fablabs / makespaces / hackerspaces





libre objet

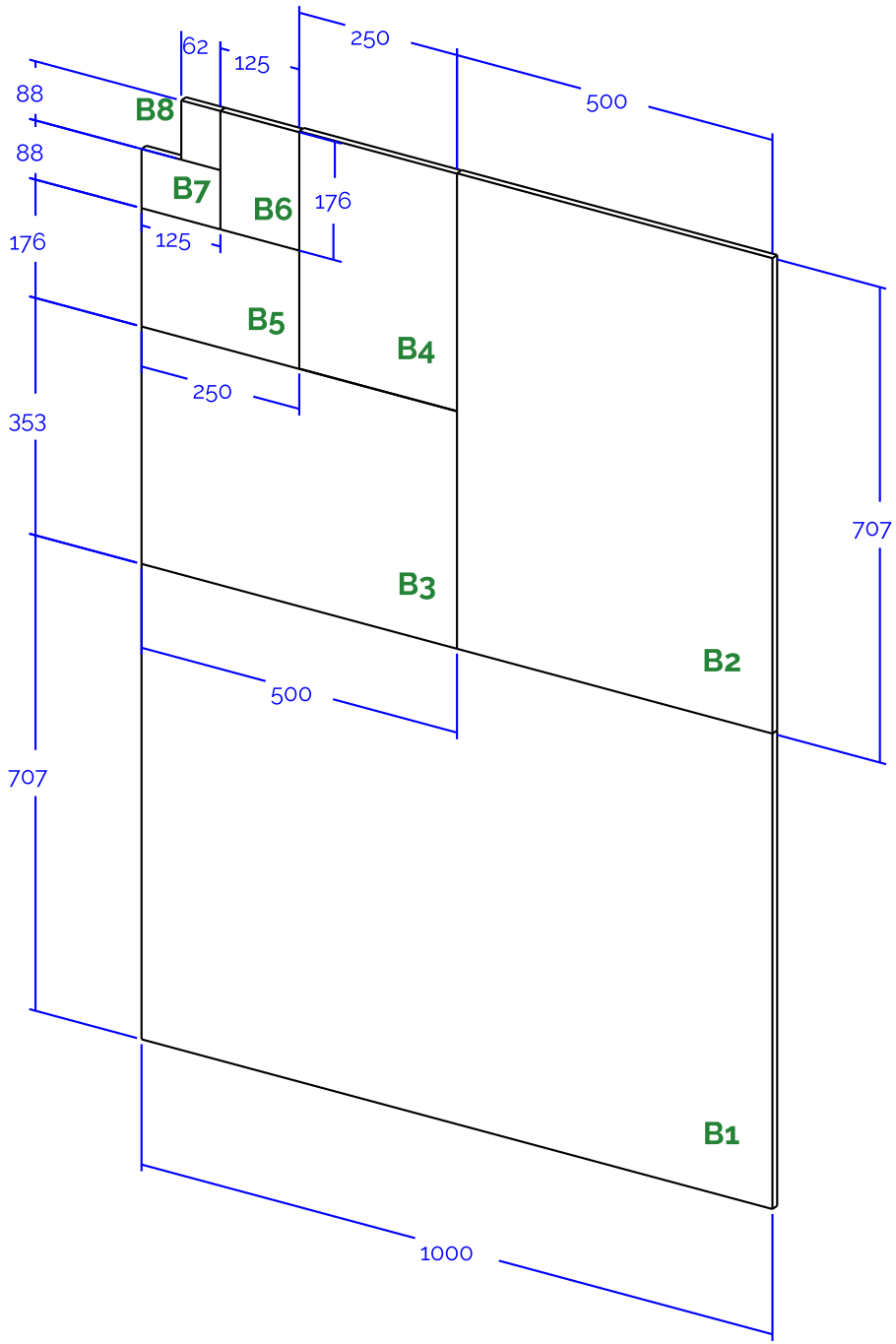
libreobjet.org
CERN OHL

The design is inspired by two things.
One is a 'pegboard', a tool wall organizer frequently used in fablabs.
The second one is an open project by Simon Ruaut. It is a simple light structure designed to show graphic design projects.

The peggy design is a kind of mix of both.

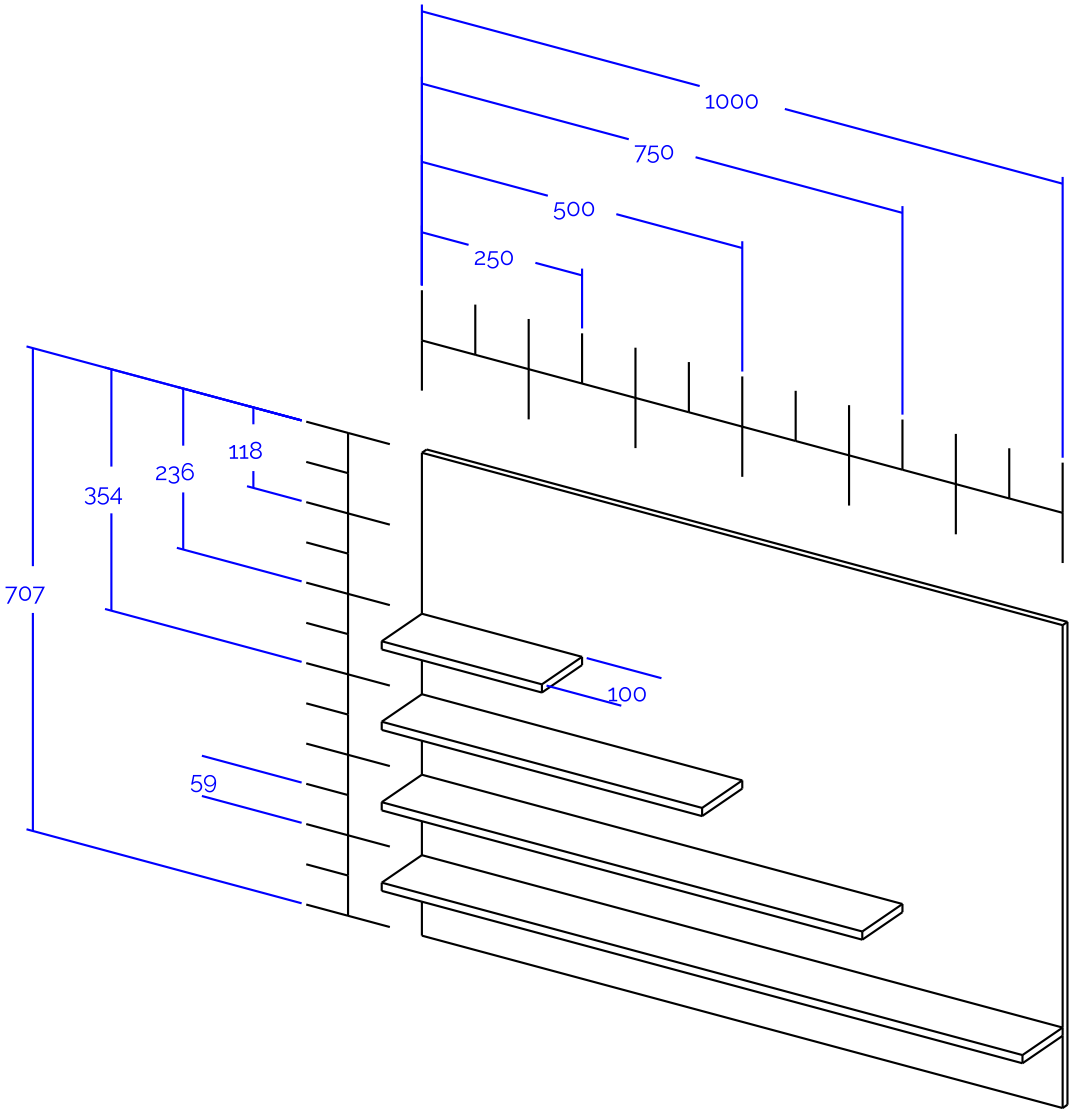
Sizing your display

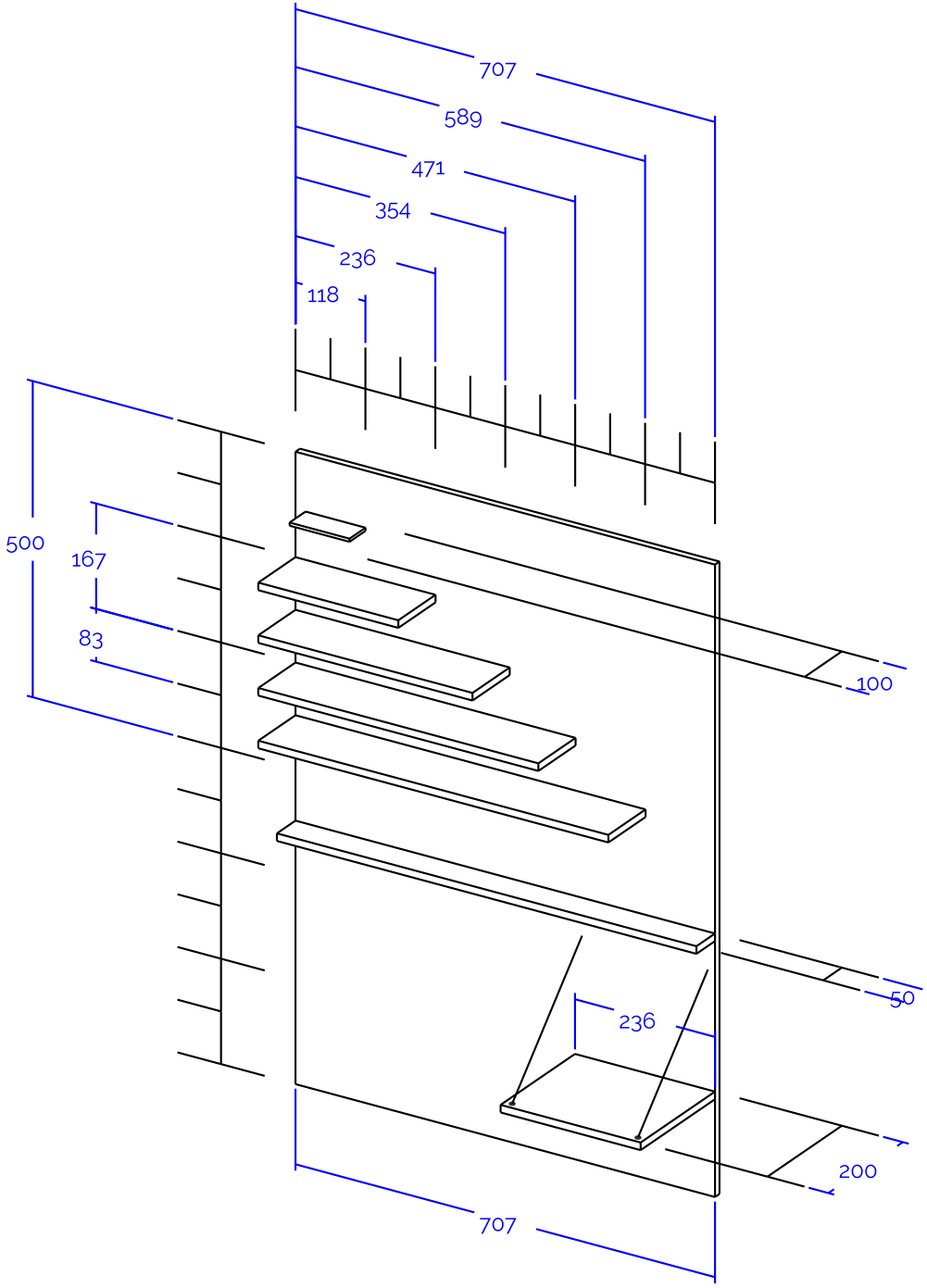
→ Based on standard paper size B series
(https://en.wikipedia.org/wiki/Paper_size#B_series)



Shape the shelves

→ use the B series standard ratio to calibrate the length of the shelf





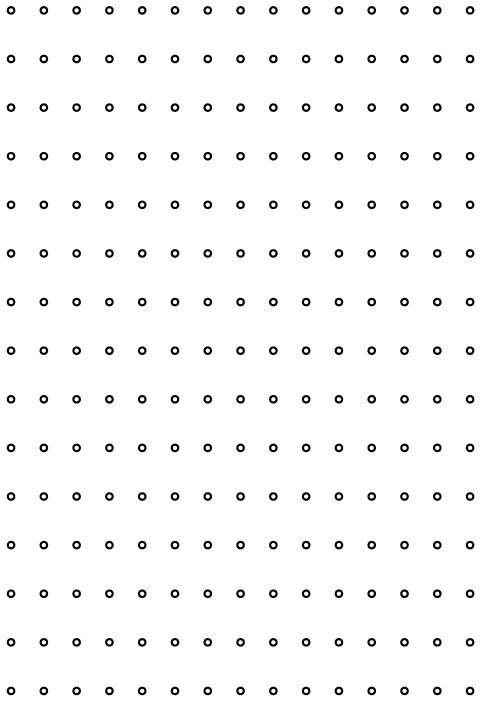
Grid

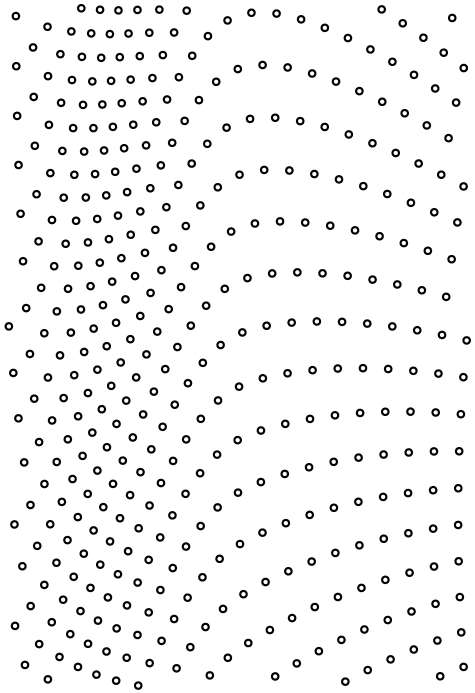
→ use a grid to plug shelves, wood sticks, clips

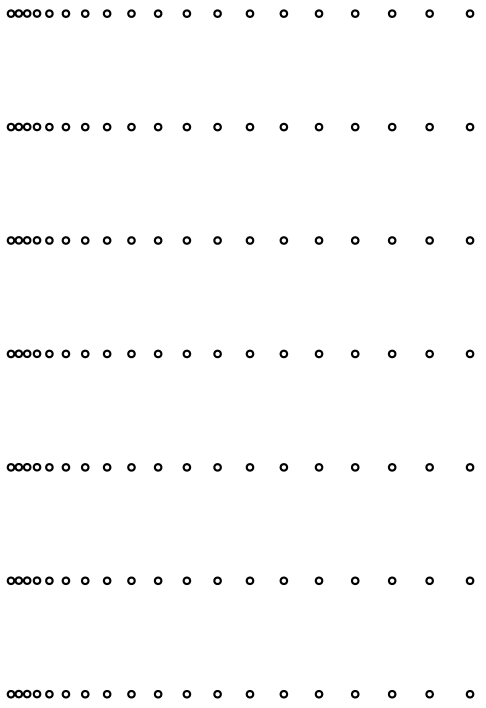
→ the complexity is a question about your tools limitation or your motivation or your time

→ holes can be done by a hand drill, a laser cutter or a cnc machine, or a combination of laser cutter and hand drill...

→ few grids are already done. Visit 'Sources' directory

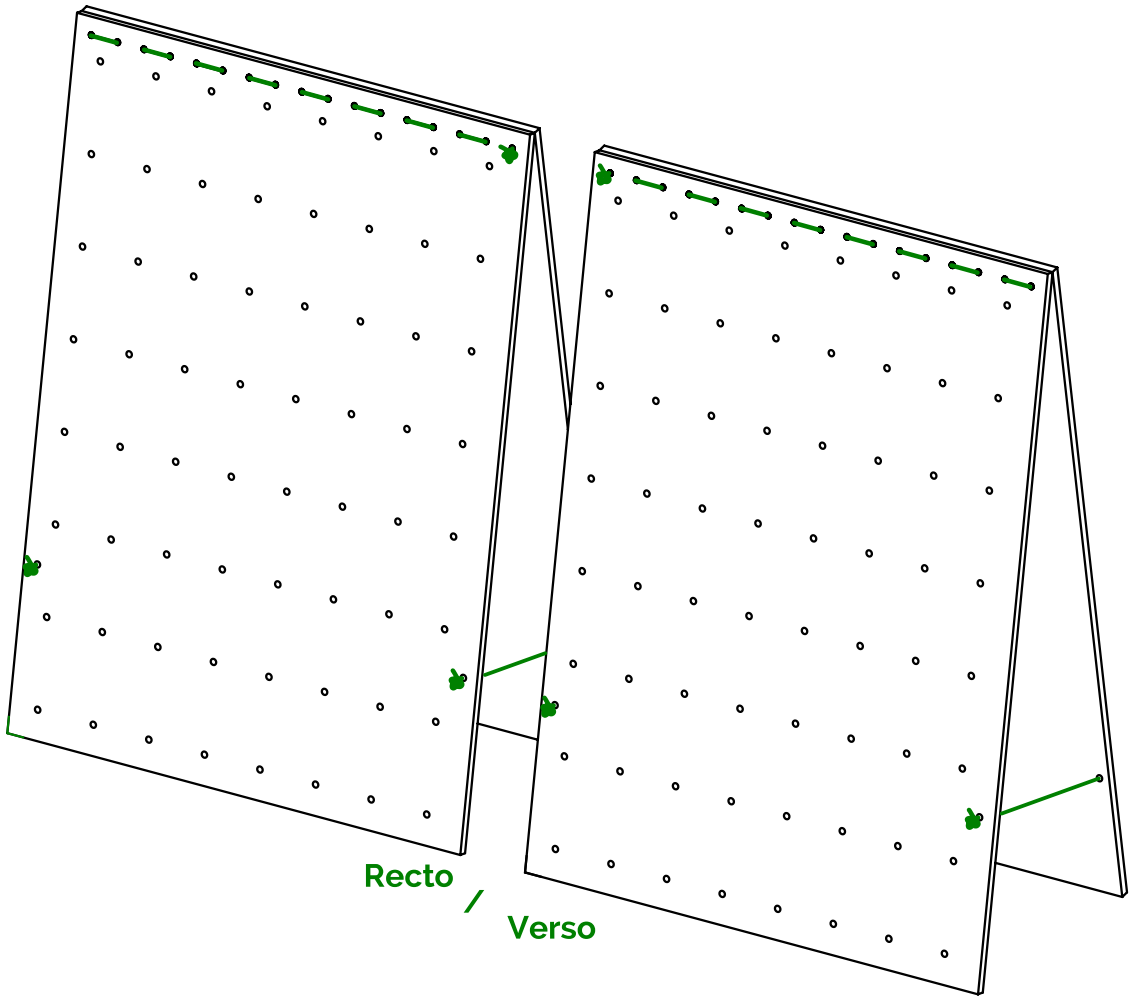






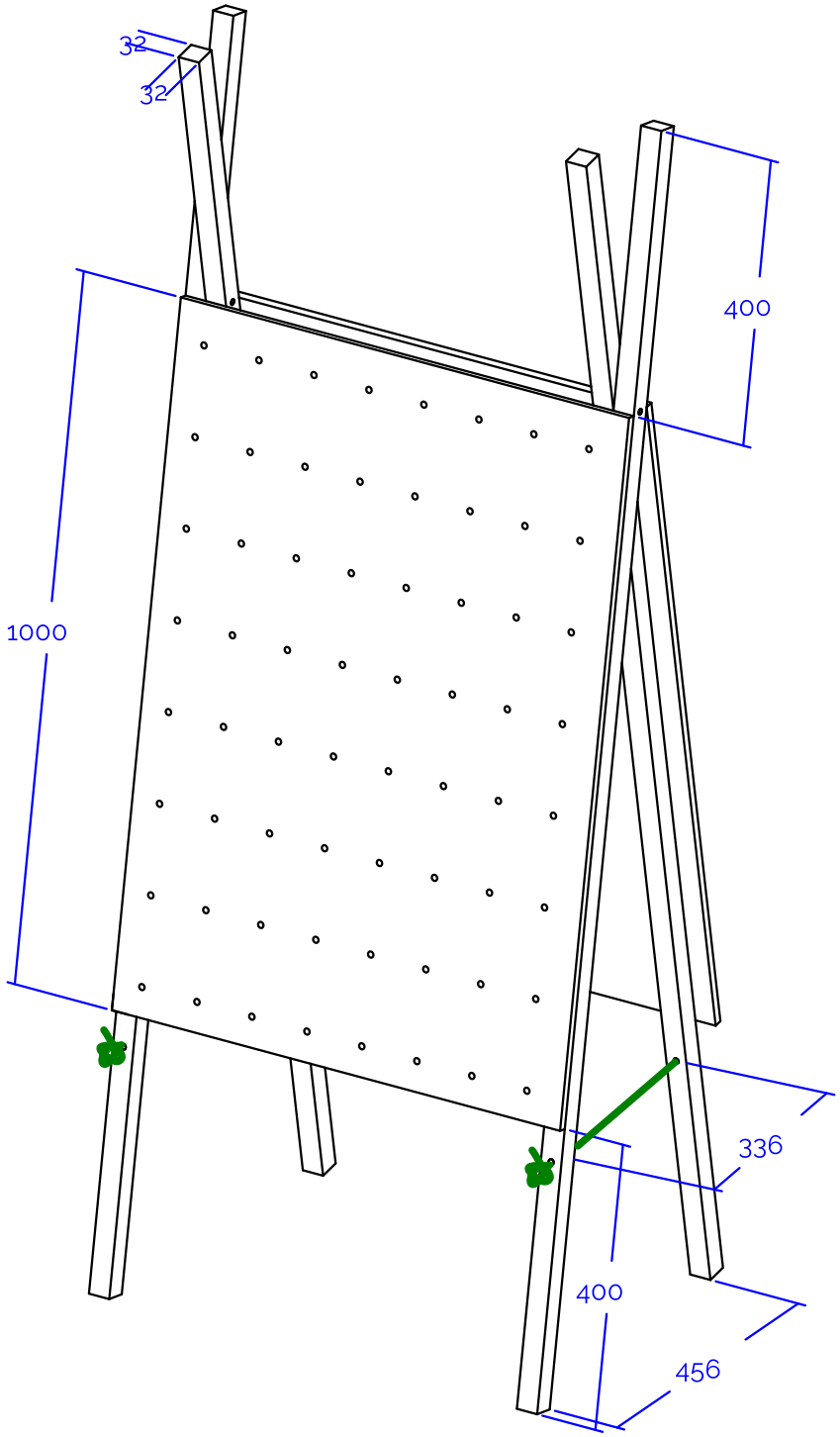
Assembly principles

→ A rope as a hinge, as a gap lock



Assembly guidelines

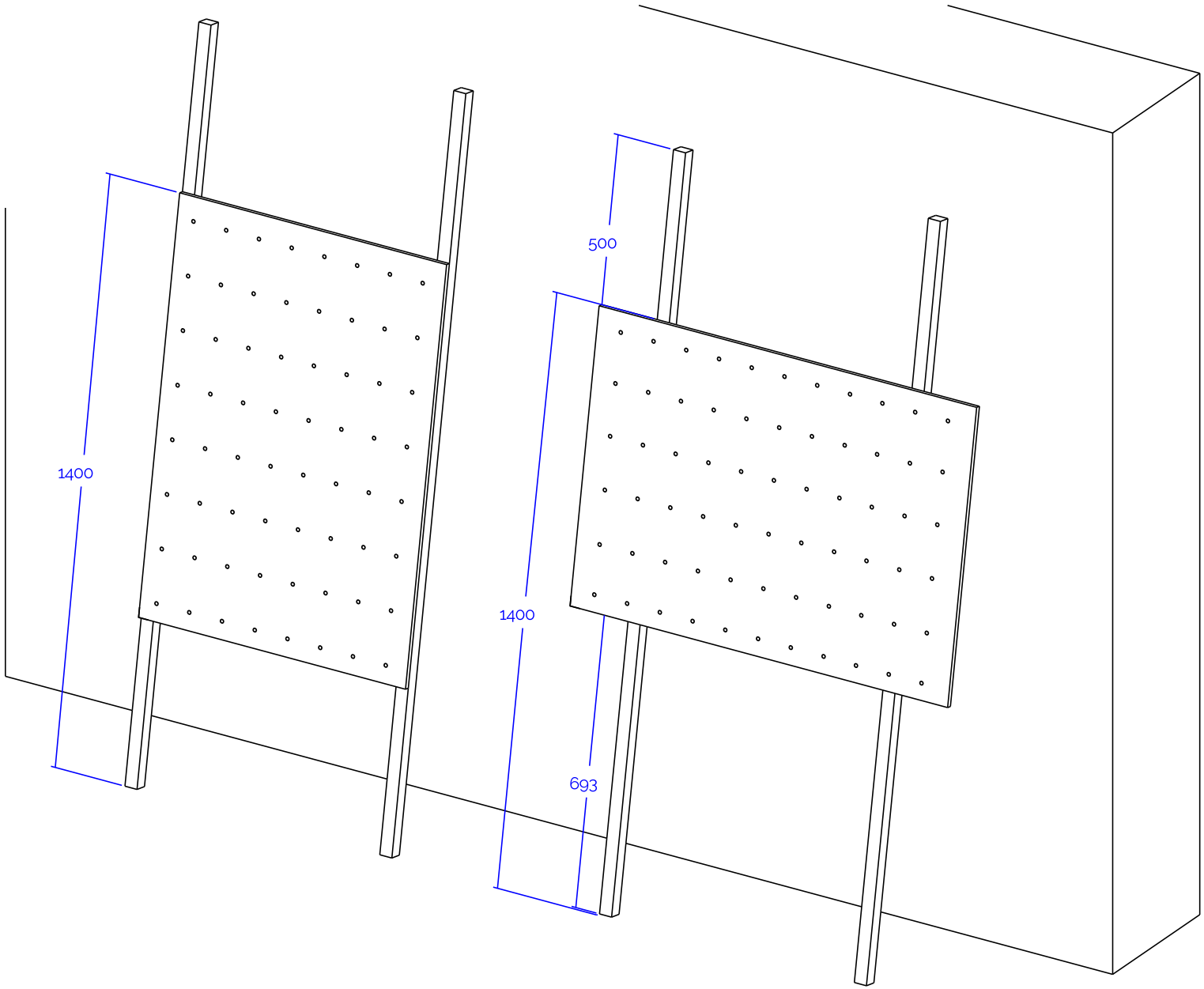
Hinges → use fasteners (such as bolts ans nuts)
Fixing the Panel/Board → with wood screws or glue with nails
Connect the legs → with rope, a wire or a chain



Orientation

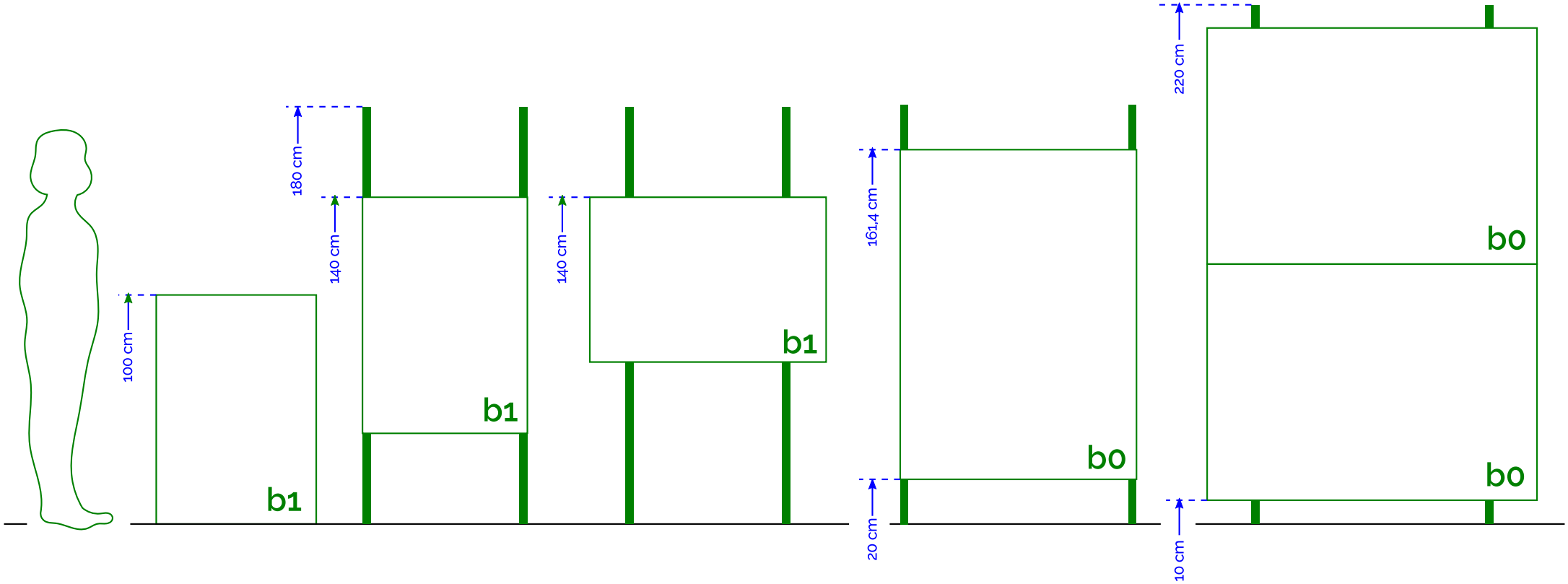
→ a free empty wall could be a perfect partner

→ vertical, horizontal, this is your choice



Heigths

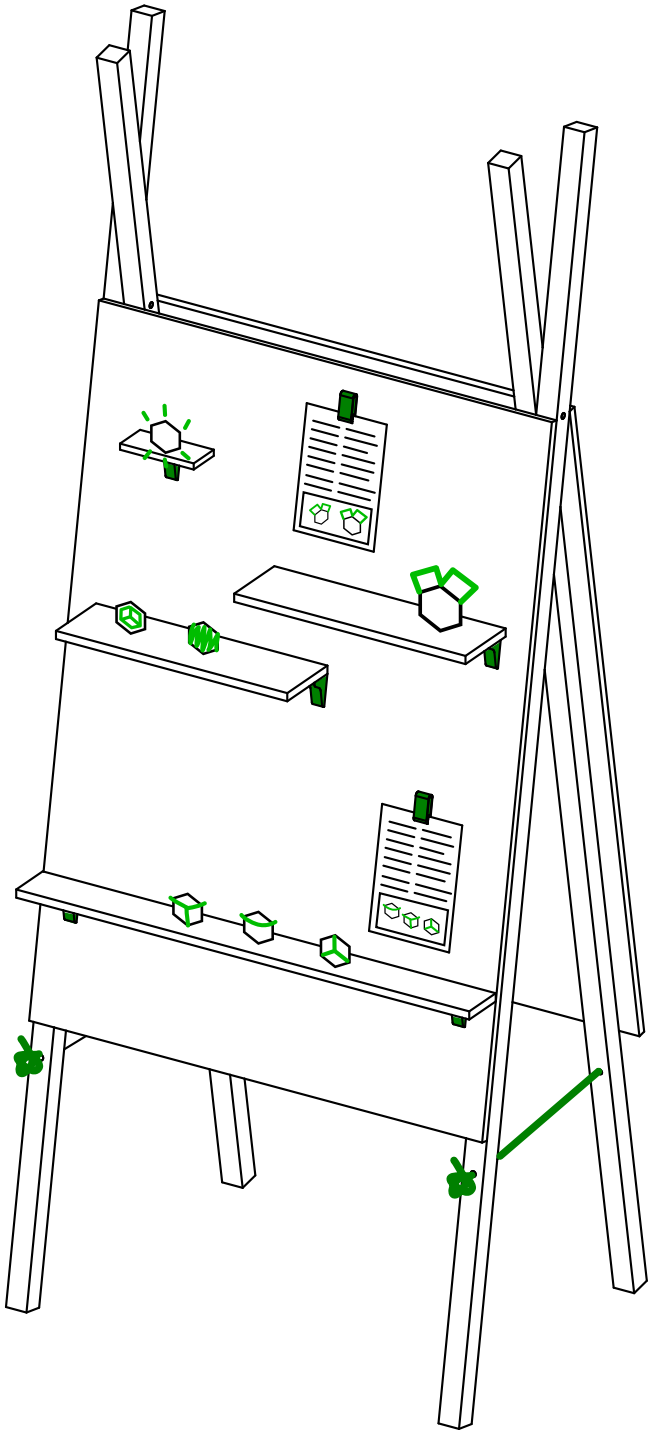
→ some examples to define heights related to the board size and the feet.



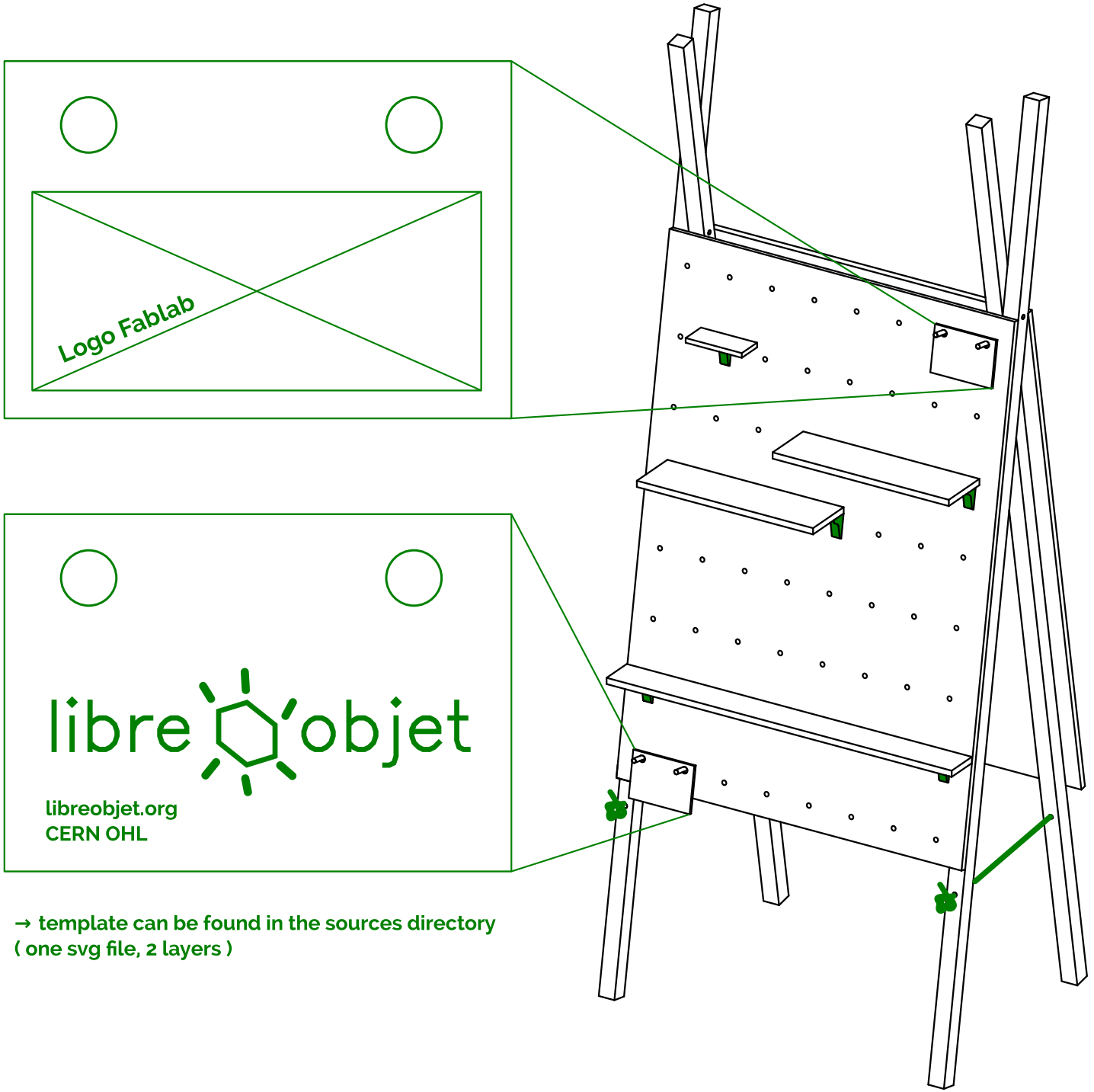
Your Peggy

→ go to this url
libreobjet.org/project-generator/

→ fill in the form
→ print it (ctrl + P) and crop the output
→ use the 3D printed paperclip to hang up the form, to identify your project



Identify your display

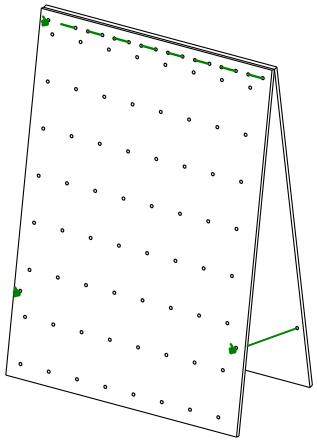


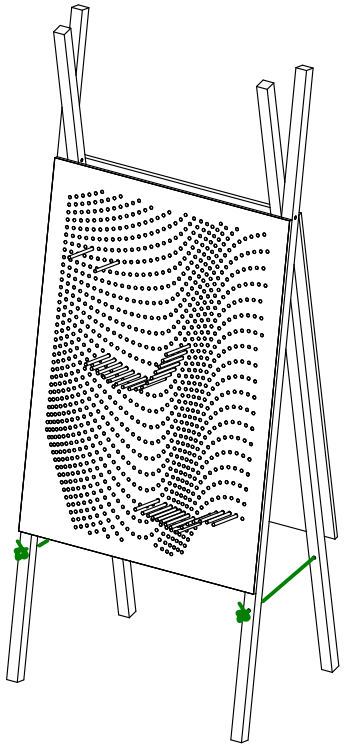
→ template can be found in the sources directory
(one svg file, 2 layers)

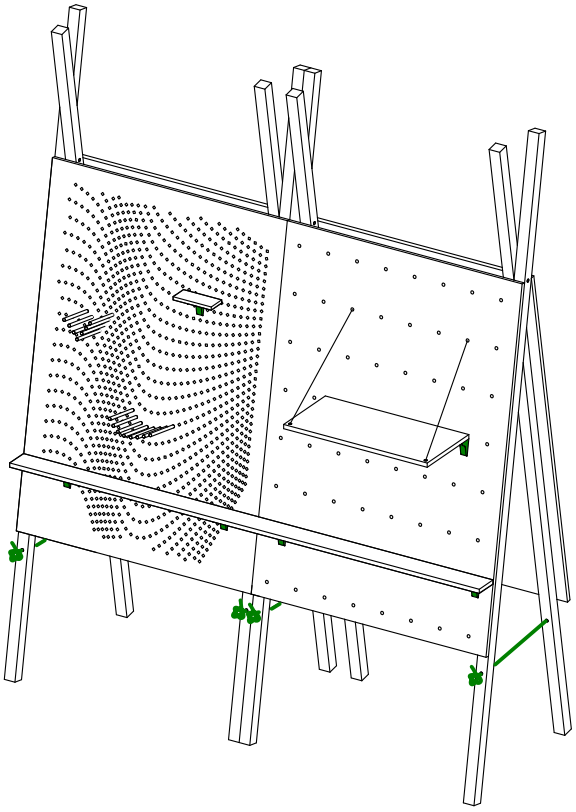
Make it more complex

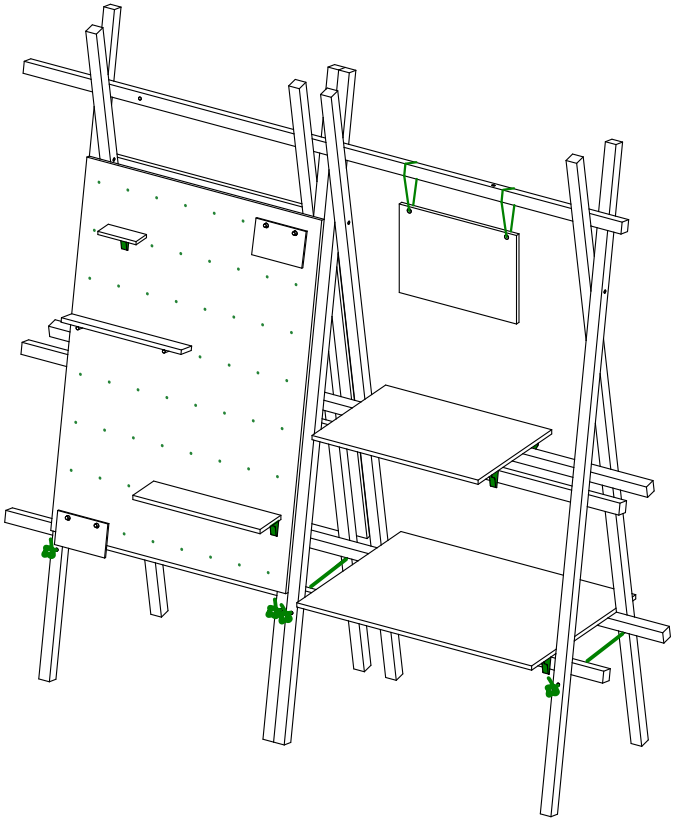
→ choose the way you want
to present the diversity of what happens in
Fablab/Makespace/Hackerspace

Requirement
→ All proportions, way of assembling, colors are indications. If you can keep to these conventions, you will give more consistency to the project and create a potential unity among all the fablabs/makespaces/hackerspaces.
→ Interpretation can be an asset.



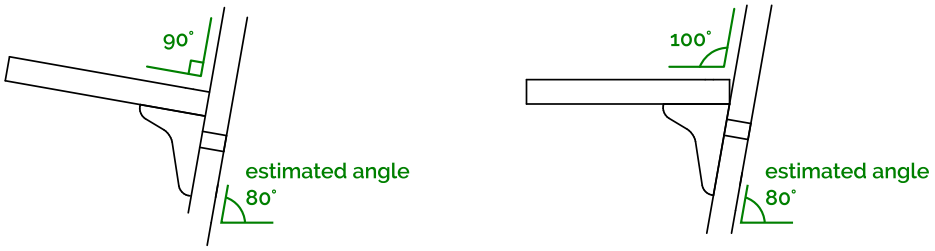






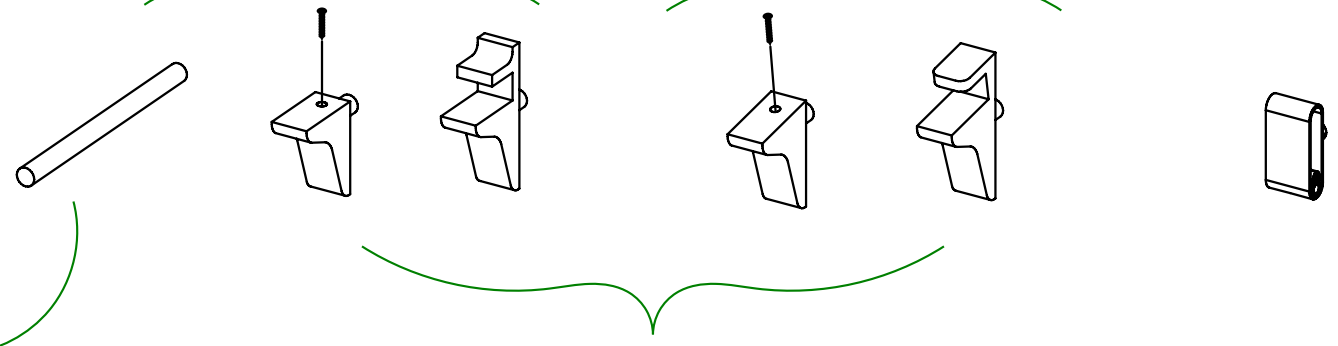
Printable plugs / accessories

→ different ways to put up your shelves/paper sheets,
namely with an angle or without, or just attaching a printable
paperclip.
→ preferably print each output (plug or clip) with the same colour
→ feel free to change/redesign the plugs and clips, or simply add new ones



90°

80°



→ ø8mm L+/-110mm stick
(wood, steel, pencil...)

→ sources/peggy-plugs

→ sources/clips