

FormaLab

The experience of the Barcelona FabLab

Contact

Fab Lab Bcn Team

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Location: Barcelona, Spain

Staff involved

Director Fab Lab España

Vicente Guallart

Fab Lab Barcelona Director

Tomas Diez Ladera

Fab Lab Coordinator

Jordi Portell

Directora de la Línea de Investigación Digital Tectonics IaaC

Marta Malé-Aleman

Fab Lab Barcelona Team

Anastasia Pistofidou

Guillem Camprodon

Luciano Betoldi

Mikel Lloveras

Jesus Villarreal

Tomas Vivanco

Fab Academy Former Students

Gozde Kucukoglu

Areti Markopoulou

Carlos Castro

Guillem Camprodon

Luciano Betoldi

Benito Juarez

Victor Freundt

Bereketnesh Girma

Aysheshim Tilahun
Melat Asefa
Susanna Tesconi

Solar House Project Co-Directors

Daniel Ibañez, **Fab Lab Madrid**
Rodrigo Rubio, **Fab Lab Madrid**

Technical Support

Jorge Ramirez

Equipment and tools

Actualmente el Fab Lab Barcelona cuenta con las siguientes máquinas de fabricación digital:

- [Cortadora Laser Milticamm 2000](#)
- [Fresadora de 3 Ejes Precix 11100 Series](#)
- [Cortadora Laser Spirit GE 100w](#)
- [Impresora 3D Zcorp Z510](#)
- [Fresadora Modela MDX-20](#)
- [Cortadora de Vinilo GX-24 Camm Servo](#)
- [Cortadora Laser Epilog XT Legend 36 75w](#)
- [Fresadora de 3 Ejes Shop Bot](#)
- [MakerBot](#)
- Rep Rap Mendel
- [Fab@Home](#)
- [Bordadora Digital Janome](#)

Equipamiento Electronics:

- Soldadores
- Generador de funcion
- Osciloscopio
- Fuente de poder

Investment

Founded by **Institute for Advanced Architecture of Catalonia**

<http://www.iaac.net/institute/vision-objectives>

Sources of income

Founded by **Institute for Advanced Architecture of Catalonia**

<http://www.iaac.net/institute/vision-objectives>

and some projects.

Partnerships

(local, regional, national, international)

The Center for bits and atoms

<http://cba.mit.edu/>

AECID

<http://aeci.es>

DHUB Barcelona

<http://www.dhub-bcn.cat/>

Ministerio de Economía y Competitividad

<http://www.micinn.es/>

Activities

(regular activities, events, specific projects)

Workshops

Diseño y Fabricación de muebles

Diseño y bordado digital:

Specific Projects

[Hyperhabitat](#) - Gualart Architects/ Iaac/ Fab Lab Bcn/ CBA/ Bestiario

[Fab Lab House](#) - IaaC / Fab Lab Bcn/ CBA (M.I.T)

[Fab Lab Lima](#) – Iaac/ Fab Lab Bcn/ CBA (M.I.T)/ AECID España

[DHUB – FAB](#)

Targets

- [Fab Academy](#) focused in transfer the model and methodology of fablab
- [Fab Lab Kids](#) for childrens
- [Fab Lab Pro](#) for technicians
- [Fab Design](#) for designers

Opening

You can reserve the Fablab for work via <http://fablabbcn.org/services/>

Specific educational activities

- Training courses for professionals
- Workshops weekend format
- Workshops for kids

Evolution, future developments

The idea is to convert the city of Barcelona in the fablab city, opening 5 fablabs in different districts.