

## LUZON



### FABLAB SLU

Cooperator: St Louis University Extension Institute for Small Scale Industries Foundation (SLU-EISSIF)  
Address: School of Engineering and Architecture, 5F, Otto Hahn Bldg. SIRIB Center-Saint Louis University A. Bonifacio Street, Baguio City  
Contact Nos.: (074) 665.6166 /0921.3044390 0917.7003026



### PSHS - Innovation Center/FABLAB

Cooperator: Philippine Science High School - Ilocos Region Campus  
Address: PSHS-IRC, Poblacion East, San Ildefonso, Ilocos Sur  
Contact Nos.: (077) 674-1454/0918-283-5215  
Email Address: fablab@irc.pshs.edu.ph / markmaclucas@gmail.com



### FABLAB Santiago City

Cooperator: LGU-Santiago City  
Address: DTI Santiago City Integrated Terminal Complex, Four Lanes, Brgy. Malvar, Santiago City, Isabela  
Contact Nos.: 0917-585-5065, 0915-588-1543  
Email Address: fablabscto@yahoo.com /02.isabela@dti.gov.ph



### PSHS-CLC Innovation Center

Cooperator: Philippine Science High School - Central Luzon Campus  
Address: Lily Hill St. (in front of Goddess of Peace Shrine), Clark Freeport Zone (CFZ), Mabalacat City, Pampanga  
Contact Nos.: (0923-439-8863/0905-674-8718/0920-951-4036)  
Email Address: jsorian@clc.pshs.edu.ph / taoiaza@pshs.edu.ph



### FABLAB DHVTSU

Cooperator: Don Honorio Ventura Technological State University  
Address: Integrated Research, Training and Product Design & Development Center -Don Honorio Ventura Technological State University (DHVTSU) Main Campus Villa De Bacolor - Brgy. Cabambangan, Bacolor, Pampanga  
Contact Nos.: 0943-010-0362/ 0908-811-5048  
Email Address: robinidmla@yahoo.com



### UP-CFA FABLAB

Cooperator: UP Diliman - College of Fine Arts  
Address: Fablab Building, Emilio Jacinto St. Diliman, Quezon City  
Contact Nos.: (02) 981-8732 - Mr. Fortunato Dela Pena Jr.  
Email Address: upfablab@gmail.com / titodelapena@gmail.com



### FABLAB PFFI

Cooperator: Phil. Footwear Federation Inc.  
Address: CITE Compound, #20 Russet St. Marikina City  
Contact Nos.: (02) 942-4228 / Cecilia L. Flores  
Email Address: pffiss@gmail.com / pffinational@gmail.com



### PTTC Digifab

Cooperator: Philippine Trade Training Center  
Address: PTTC Center, Roxas Boulevard, Pasay City  
Contact Nos.: (02) 8834-1341 / Mr. Kyrin Pango  
Email Address: kcpango@pttc.gov.ph



### LIKHA FABLAB

Cooperator: Batangas State University  
Address: Science, Technology, Engineering and Environment Research Hub (STEER Hub)Batangas State University, Main Campus II, Golden Country Homes, Alangilan, Batangas City  
Contact Nos.: (0921-737-6241) Engr. Louie Villaverde  
Email Address: Louie\_v23@yahoo.com



### UPLB SIBOL LABS

Cooperator: University of the Philippines - Los Baños  
Address: 3/F APEC Building, Science and Technology Park, UP Los Baños, Laguna  
Contact Nos.: (0917-315-7774) Mr. Glenn Batizados  
Email Address: gnbatizados@up.edu.ph



### IDEA FABLAB

Cooperator: Antipolo Institute of Technology  
Address: Engineering & Technology Building I, Antipolo Institute of Technology Marcos Highway, Sitio Cabadang, Brgy. San Jose, Antipolo City  
Contact Nos.: 0917-534-2133Dr. Erlinda Peralta (President, AIT)  
Email Address: ideafablab.aitch@gmail.com



### BISCAST FABLAB

Cooperator: Bicol State College of Applied Sciences and Technology  
Address: Bicol State College of Architecture, 98 Pensfrancia Avenue, Naga, Camarines Sur  
Contact No.: 0917-5500141  
Email Address: biscast.manfablab@gmail.com



### FABLAB BICOL

Cooperator: Bicol University  
Address: Bicol University College of Industrial Technology (BUCIT), East Campus, Legazpi City, Albay  
Contact No. (052) 480-4595, 732-7172 Jay-R Ballon



### SORSOGON FABLAB

Cooperator: Sorsogon State College (SSC)  
Address: Magsaysay St, Sorsogon City  
Email Address: ssc@sorsogon.edu.ph



### FABLAB CAM NORTE

Cooperator: Camarines Norte State College  
Address: F. Pimentel Ave, Daet, 4600 Camarines Norte

## VISAYAS



### ISAT-U FABLAB

Cooperator: Iloilo Science and Technology University (ISAT-U)  
Address: ISAT-U, Burgos Street, Lapaz, Iloilo City  
Contact Nos.: (033) 336-5201 / 0927-511-6579 Ramon Alguidano Jr.  
Email Address: isatufablab@gmail.com / rajalguidano@gmail.com



### CAPIZ INNOVATION CENTER FABLAB

Cooperator: Provincial Government of Capiz  
Address: Pueblo de Panay TechnoPark, Roxas City, Capiz.  
Contact Nos.: 0917-308-0720, ARD Ernie Pollentes



### DIGIFAB - LGU Bogo City

Cooperator: LGU Bogo  
Address: Negosyo Center Building, Bogo City Hall Road, Bogo City, Cebu  
Contact Nos.: 09173802399 / Roger (Rodge) A. Tofacao  
Email Address: rodge1109@yahoo.com



### FABLAB UP-Cebu

Cooperator: University of the Philippines - Cebu  
Address: University of the Philippines Cebu, Lahug, Cebu City  
Contact Nos.: (032) 232-8187 loc 302 /0917-369-5014 - Dean Palmy Tudtud  
Email Address: palmype@gmail.com / blab.upcebu@up.edu.ph



### FABLAB CTU-Argao

Cooperator: Cebu Technological University - Argao Campus  
Address: Isidro Kintanar St, Argao, 6021 Cebu  
Contact Nos.: 0998-564-6752 - Dr. Jorelyn Concepcion  
Email Address: dancing4art@yahoo.com / lhemz2012@gmail.com



### FABLAB CTU-Danao

Cooperator: Cebu Technological University - Danao Campus  
Address: Central Nautical Hwy, Danao City, Cebu  
Contact Nos.: 0917-550-0141 / Christine Omela Ocampo, Fablab Manager  
Email Address : ocampo.cov@gmail.com



### FABLAB CTU-Tuburan

Cooperator: Cebu Technological University - Tuburan Campus  
Address: CTU Tuburan Campus, Brgy. 8, 6043 Poblacion, Tuburan, Cebu  
Contact Nos.: 0966-740-6345 / Siegfried Mendoza, Fablab Manager  
Email Address: fablabctuburan@gmail.com / siegfriedism@gmail.com



### FABLAB Bohol

Cooperator: Bohol Island State University  
Address: BISU Main Campus, Tagbilaran City, Bohol  
Contact Nos.: 0929-355-2752 - FabLab Mgr Jerome Manatad  
Email Address: fablabboh@gmail.com / z\_sayson@yahoo.com



### BISU Candijay - Digifab Center

Cooperator: Bohol Island State University - Candijay Campus  
Address: Bohol Island State University (BISU) - Candijay, Bohol  
Contact Nos.: 0916-771-5989/Jerome Gabin  
Email Address: fablabboh@gmail.com



### FABLAB Negros

Cooperator: Negros Oriental State University  
Address: Capitol Area, Kagawasan Avenue, Dumaguete, 6200 Negros Oriental  
Contact Nos.: 0997-066-6874 / Engr Johann Malonggo  
Email Address : gohanks\_m@yahoo.com



### FABLAB SIQUIJOR

Cooperator: Siquijor State College  
Address: Siquijor State College, Siquijor Circumferential Road, Larena, Siquijor  
Contact Nos.: 0956-590-5683/ 0917-112-5034  
Email Address: laziaccess@gmail.com



### PSHS - Eastern Visayas FABLAB

Cooperator: Philippine Science High School-Eastern Visayas Campus  
Address: Philippine Science High School - Eastern Visayas Campus (PSHS-EVC) AH26 Brgy. Pawing, Palo, Leyte  
Contact Nos.: 0950-752-8822 / Campus Dir Erick John Marmol Reyes  
Email Address : cisd@evc.pshs.edu.ph / phtcapes@evc.pshs.edu.ph

## MINDANAO



### Zampen FABLAB

Cooperator: Zamboanga City Polytechnic College  
Address: ZCPC, Normal Rd., R.T. Lim Blvd., Baliwasan, Zamboanga City  
Contact Nos.: 0997.9036.979Mr. Einar Palma/ FabLab Manager  
Email Address: palmaeinar13@gmail.com / zcpcpc@zcpc.edu.ph



### FABLAB Dapitan

Cooperator: Jose Rizal Memorial State University (JRMSU)  
Address: Gov. Guadalupe Adaza Street, Santa Cruz, Dapitan City, Zamboanga del Norte  
Contact Nos.: (068) 982940/0917-724-1100 /0999-464-1577  
Mr. Andrew B. Gallemitt, FabLab Manager  
Email Address: fablabdapitan@gmail.com / gallemittandrew@gmail.com



### FABLAB Pagadian

Cooperator: Josefine H. Cerilles State College  
Address: JHSC Pagadian Annex, Pagadian City  
Contact Nos.: 0946-895-8847 Joniel L. Calibo Manager/Fablab ManagerEmail Address: fablabpagadian@gmail.com



### FABLAB Mindanao

Cooperator: Mindanao State University - IIT (MSU-IIT)  
Address: RM 122, Level 1, College of Engineering, MSU-IIT, A-Bonifacio Ave., Iligan City  
Contact Nos.: 0935-968-8933-Lemuel Clark Velasco, Fablab Manager  
Email Address : fablab@g.msuii.edu.ph



### Design Engineering and Fabrication Laboratory

Cooperator: University of Science & Technology of Southern Philippines (USTP)-Cagayan de Oro  
Address: C.M. Recto Avenue, Lapasan, Cagayan de Oro City  
Contact Nos.: 0917-846-9058 / Ms. Jill Maestre  
Email Address : (088) 856-1738 local 123 / innovation@ustp.edu.ph



### DIGIHUB FABLAB Davao

Cooperator: University of Southeastern Philippines (USEP)  
Address: College of Technology - USEP Higo St., Bo. Obrero, Davao City  
Contact Nos.: (082) 227-6192/0905-134-4592 / Dr Norman Bianca (Dean, College of Technology)  
Email Address: president@usep.edu.ph / digihub.dost@gmail.com



### USM-KCC FABLAB

Cooperator: University of Southern Mindanao-Kidapawan City Campus (USM-KCC)  
Address: Kidapawan-Ilumavis Road, Kidapawan City, Cotabato  
Contact Nos.: (064) 288 1624, 09206613690 / Mr. Angellito Villar /



### FABLAB Caraga

Cooperator: CARAGA State University  
Address: Mechatronics Bldg., Caraga State University, Brgy. Ampayon, Butuan City  
Contact Nos.: 0917-775-3300(8) 341-2786 / Dr Anthony Penasa  
Email Address : fablabcaraga@carsu.edu.ph / phnmendoza@carsu.edu.ph



### FABLAB Marawi

Cooperator: Mindanao State University - Main Campus  
Address: Macarabon Hall, 1st st. MSU, Marawi City  
Contact Nos.: 0916-348-1284 / Engr. Accara A. Gumal, Ph.D, FABLAB Manager  
Email Address : facebook.com/fablabmarawi | fablab.marawi@msu.edu.ph

*Note: Directory updated as of 15 September 2021*

For more details, please contact:

**Bureau of Small and Medium Enterprises Development (BSMED)**

2nd Floor, Trade and Industry Bldg.,  
361 Sen. Gil Puyat Ave., Makati City  
(+632) 7791.3114/8897.1693/ 8890.4968  
Email: BSMED@dti.gov.ph

or visit the nearest

**DTI Regional/Provincial Offices and Negosyo Centers**

# Fabrication Laboratories (FABLABs) in the Philippines

*Expanding and Accelerating  
Networks of Fab Labs  
in the Philippines through the*



## BACKGROUND

MSMEs are considered backbone of the Philippine economy. However, performance of MSMEs is constrained by various factors such as limited financial capacity, poor market information and lack of access to innovative techniques and advanced technology which hinder them to realize their full potential, break into bigger domestic or international markets, and grow in a highly competitive environment.

Collaborative programs involving the government and private sectors have been introduced to address these challenges. One of these programs is the Shared Service Facilities (SSF) Project which was launched by the Department of Trade and Industry in 2013 to address the gaps and bottlenecks in the value chain of priority industry clusters. SSF Project provides machinery, equipment, tools, systems, accessories and other auxiliary items, skills and knowledge necessary to improve the quality of products and productivity of MSMEs, under a shared system.

Some of these facilities are fabrication laboratories (Fablabs) which capacitate MSMEs towards invention and innovation thereby promoting new breeds of tech-savvy MSMEs.

## WHAT IS A FABLAB?

A Fablab is a digital laboratory which grew out of an initiative by the Grassroots Invention Group and the Center for Bits and Atoms of the Massachusetts Institute of Technology in 2001 to help grassroots communities translate their design ideas into physical forms with the help of technology. Many countries have followed this intervention and such type of facility is now present in about 200 locations in over 50 countries.

The first fablab in the Philippines was established in Bohol to support local innovation and improve the competitiveness of micro, small and medium enterprises.

SSF Fab Labs became platforms for co-creation and academe-industry-government collaboration enabling MSMEs to develop new products, add value to existing ones, and generate new streams of income. These facilities have likewise enabled the development of low-cost solutions to community challenges and needs.

DTI's Fablabs are currently present in fifteen (16) regions providing support and enable DTI's Inclusive Innovation-Led Industrial (I3) Strategy in the countryside by making available facilities and tapping local experts in creating new innovations nationwide.

## WHAT CAN A FABLAB DO?



### For Beginner:

- Personal digital fabrication for projects, purposes, business, tasks, or assignments.
- For prototyping using a wide range of materials such as wood, acrylics, wax, moulding and casting, paper, vinyl, and other types of material



### For Business:

- Can work on projects of a commercial nature.
- Can brainstorm and develop your innovative products while sharing ideas and knowledge with other creative entrepreneurs.
- Can create products and share knowledge on the ins and outs of the industry.



### For Schools:

- Can work on projects of a commercial nature.
- Can brainstorm and develop your innovative products while sharing ideas and knowledge with other entrepreneurs.



### For Communities:

- Can provide opportunities for rural communities to design and create the tools they want or need to solve local problems. Activities may range from technological empowerment and peer-to-peer project-based technical training to small-scale business incubation and grassroots research.
- Recently, Ph Fablabs made quick response to the Covid19 Pandemic by producing PPEs.

SCAN the QR code to visit the SSF page at the DTI website to access more information on the SSF project.



## WHAT QUALIFIES AS A FABLAB?

Every Fab Lab contains at a minimum the same capabilities: laser cutting & marking, CNC machining, 3D Printing, microelectronics workstations, vinyl cutting all tied together with Computer Aided Design or CAD software. However, Fab Foundation of MIT uses the following criteria to define a Fab Lab:

1. **Must be open and accessible to the public for free or in-kind service.**
2. **Must support and subscribe to the Fab Charter**
3. **Must share a common set of tools and processes.**

A prototyping facility or a 3D printer is not the equivalent of a Fab Lab. The idea is that all the labs can share knowledge, designs, and collaborate across international borders.

The critical machines and materials are identified in this list:  
<http://fab.cba.mit.edu/about/fab/inv.html>.

4. **Must participate in the larger, global Fab Lab network to become part of a knowledge-sharing community.**

## FABLABS TYPICALLY INCLUDE:



3D Printer



Laser Cutter



CNC Milling Machine



CNC Router Machine



Desktop Computer and Software