

DIRECTORY OF ESTABLISHED DTI FABLABS

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: fablabstgo@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), Marikina City, Pampanga
Contact Nos.: (0923-439-8863/0905-674-8718/0920-951-4036)
Email Address: jsoriano@clc.pshs.edu.ph / taodiaz@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: robindmla@yahoo.com



UP-CFA FABLAB

Cooperator: UP Diliman - College of Fine Arts
Address: FabLab Buing, 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: pffissf@gmail.com / pffinational@gmail.com



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.: (0921-737-6341) 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, University of the Philippines Los Baños, Laguna
Contact Nos.: (0917-315-7774) Mr. Glenn Baticados
Email Address: gnbaticados@up.edu.ph



IDEA FABLAB

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



BICOL FABLAB

Cooperator: Bicol University
Address: Bicol University College of Industrial Technology (BUCIT), East Campus, Legazpi City, Albay
Contact Nos.: (052) 480-4595/ 732-7172 Focal Person: Jay-R Ballon
Email Address: fablab@bicol-u.edu.ph

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: isatutitfablab@gmail.com / rajalguidano@gmail.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 / biab.upcebu@up.edu.ph



DIGIFAB - LGU Bogo City

Cooperator: LGU Bogo
Address: Negosyo Center Building, Bogo City Hall Road, Bogo City, Cebu
Contact Nos.: 09173802399 / Roger (Rodge) A. Toñacao
Email Address: rodge1109@yahoo.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: fablabctutuburan@gmail.com / siegfriedism@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 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 / r_sayson@yahoo.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 pctapales@evc.pshs.edu.ph

MINDANAO



Zampen FABLAB

Cooperator: Zamboanga Polytechnic College
Address: Zamboanga City State Polytechnic College, Normal Rd., R.T. Lim Blvd., Baliwasan, Zamboanga City
Contact Nos.: 0997-9036-979 Mr. Einar Palma/ FabLab Manager
Email Address: palmaeinar13@gmail.com/zcspc@zcspc.edu.ph



FABLAB Dapitan

Cooperator: Jose Rizal Memorial State University (JRMSU)
Address: Gov. Guadina Adaza Street, Santa Cruz, Dapitan City, Zamboanga del Norte
Contact Nos.: (065) 908-8294/0917-724-1100 /0999-464-1577 Mr. Andrew B. Gallemit, FabLab Manager
Email Address: fablabdapitan@gmail.com gallemitandrew@gmail.com



FABLAB Pagadian

Cooperator: Josefina H. Cerilles State College
Address: JHCSC Pagadian Annex, Pagadian City
Contact Nos.: 0946-895-8847 Joniel L. Calibo Manager/Fablab Manager
Email 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.: 0935-868-8933-Lemuel Clark Velasco, Fablab Manager
Email Address: fablab@g.msuii.edu.ph



DIGIHUB FABLAB Davao

Cooperator: University of Southeastern Philippines (USEP)
Address: JHCSC Pagadian Annex, Pagadian City
Contact Nos.: (082) 227-8192/0905-314-4592 / Dr Norman Blanca (Dean, College of Technology)
Email Address: president@usep.edu.ph / digihub.dost@gmail.com



FABLAB Caraga

Cooperator: CARAGA State University
Address: Mechatronics Bldg., Caraga State University, Brgy. Ampayon, Butuan City
Contact Nos.: 0917-775-3300(85) 341-2786 / Dr Anthony Penaso
Email Address: fablabcaraga@carsu.edu.phrmendoza@carsu.edu.ph

Note: Directory updated as of 30 April 2020

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?

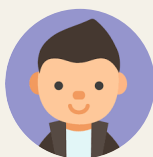
A Fablab is a digital laboratory which grew out of an initiative by the Grassroots Invention Group and the Center for Bits and Atoms of the Massachusetts Institute of Technology in 2001 to help grassroots communities translate their design ideas into physical forms with the help of technology. Many countries 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 (15) 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.**

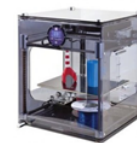
A prototyping facility or a 3D printer is not the equivalent of a Fab Lab. The idea is that all the labs can share knowledge, designs, and collaborate across international borders.

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