

I. BACKGROUND

The **Technology for Education, Employment, Entrepreneurs, and Economic Development (Tech4ED)** Project evolved from the Philippine Community eCenter Program, a national digital inclusion initiative establishing eCenters that provide critical e-government and ICT-enabled services in communities with minimal or no access to information and government services. This initiative was the government's response to the World Summit on Information Society Plan of Action of which the Philippines was a signatory which states that “*Governments and other stakeholders should establish multi-purpose community public access points, providing affordable or free-of-charge access for their citizens to the various communication resources, notably the internet.*”

International Telecommunications Union reported in 2015, thru its annual release “Measuring the Information Society”, only 20% of households in the Philippines are with Computer and only 26% of Households are with internet connection. Further, according to State of the Broadband Report in 2015 by the same international union, Philippines is ranked 106th out of 191 Countries, with 39.7% internet penetration rate. Thus, the Project aims to continuously narrow down the digital divide in the Philippines.

II. TECH4ED CENTER MISSION AND OBJECTIVES

Tech4ED Mission

To establish sustainable Tech4ED Centers nationwide as a delivery channel for relevant ICT-enabled services and content for socio-economic development of unserved and underserved communities towards improved quality of life.

- ☞ A Tech4ED Center is a self-sustaining, shared facility providing access to ICT-enabled services and relevant content. It serves as a conduit for efficient delivery of government and other services and a potent tool for the empowerment and participation of the unserved and underserved communities in development.

In view of the impact Tech4ED Centers have done in the communities where it is located, the project is expanded to include the establishment of Rural Impact Sourcing hubs, Internet Training Centers, and Technology Business Incubation for ICT-Enabled Start-Ups this 2018.

Objectives

1. To establish sustainable Tech4ED centers;
2. To provide and develop innovative ICT-enabled services and content for the socio-economic development of communities, especially the unserved and underserved communities;
3. To ensure availability of competent Tech4ED knowledge workers; and
4. To increase awareness, appreciation of and support for the Tech4ED Project.

III. PROJECT COMPONENTS:

1. Establishment of Tech4ED Centers

This component seeks to establish Tech4ED Centers in underserved and unserved communities which have no, if not minimal, access to ICT. Among the notable activities in this component are the Center identification, orientation and operations.

2. Content Development

This component shall seek to provide need-based, community-responsive contents which can be accessed thru the Tech4ED Centers. These learning contents and services are existing, proven learning materials which the Project aims to gather from various partners and lump them into one site, the Tech4ED Learning Management System.

3. Capability Building

This component aims to build the capability of Tech4ED Center Knowledge workers, such as the Center manager, technical and administrative support staff, on the navigation of Tehc4ED platform and in the areas of planning, managing and sustaining the operation of the Tech4ED Center.

4. Advocacy and Promotion

This component will focus on the development of a focused advocacy effort to increase awareness, appreciation and impact of the Tech4ED Project.

IV. TECH4ED AS A GENDER RESPONSIVE PROJECT IN 2019

While the project is a response to the widening gap between urban cities and underserved rural communities in terms of access to ICT goods, vital government services, information, knowledge and opportunities for development, it will also seek to promote the twin goals of gender equality and women's empowerment.






The project shall continue to ensure equal access of both men and women to information, communication, technology, government services, non-formal education/alternative learning, skills training, job markets, and business portals through the Tec4ED Centers and its platform. As of August 2019, 139,796 have registered to use the Tech4ED platform; 57% are female.




Additional contents will be added for women's sustainable development in terms of building ICT skills and greater opportunities for employment.

V. THE TECH4ED PLATFORM

A Tech4ED Center is a self-sustaining, shared facility providing access to ICT-enabled services and relevant content. It serves as a conduit for efficient delivery of government and other services and a potent tool for the empowerment and participation of the unserved and underserved communities in development. Each Tech4ED Center is provided with access to the Tech4Ed Platform (www.tech4ed.gov.ph) which has various content and learning materials classified in eight (8) segments:



Segment	Description	Contents	Target Users
e-EduSkills 	Delivers learning and skills contents to address the education divide.	<ul style="list-style-type: none"> • Learning English Application for Pinoys (LEAP) • Skills Training • Values and Character Formation • Alternative Learning System (ALS) • DigitalLearn.org • Rotary eLibrary • Global Community Foundation • Starbooks Online • TeknoAklatan 	OSYA, students, women, educators, PWS, IPs, etc.
e-Assist 	Provides learning and continuous skills development opportunities towards digital inclusion for special sectors such as women, People with Disabilities (PWDs), senior citizens, Overseas Filipino Workers (OFWs) including their families and relatives, Career shifters, and teachers.	<ul style="list-style-type: none"> • ICT for Digital Literacy • ICT for Financial Literacy • ICT for Career Development • ICT for entrepreneurs. 	OSYA, students, women, educators, PWS, IPs, entrepreneurs, OFWs and relatives, Senior Citizens, etc.
e-Marketplace 	Provides greater market reach beyond the entrepreneurs' community for exponential economic growth and opportunities.	<ul style="list-style-type: none"> • Krops • Mimaropa Ventures • oneSTore 	MSMEs
e-GovServ 	Provides direct government services to rural communities through the Tech4Ed Centers. This segment is an aggregation of various content and services from other government agencies, making the Tech4Ed Platform a one-stop shop for selected government services.	<ul style="list-style-type: none"> • Gov.ph 	all sectors
e-Agri 	contents and services on agriculture technologies for farmers and fisher folks	<ul style="list-style-type: none"> • eFarming • PhilRice MOET App • Rice Text Center • Pinoy Rice • Rice crop manager • Rice data and information portal • Rice doctor • Rice knowledge bank 	Farmers and fisherfolks

Segment	Description	Contents	Target Users
		<ul style="list-style-type: none"> • Krops 	
eHealth 	Provides access to basic health information and access to available and existing Philippine-based health related online resources	<ul style="list-style-type: none"> • Hospitals and Health care facilities • Health care organization • Online resources 	All sectors especially women and senior citizens
Rural Impact Sourcing 	Contents designed for enhancement and empowerment of online freelancers. It contains modules on foundations of online freelancing, client management, and online marketing.	<ul style="list-style-type: none"> • Freelancer Boot Camp • Freelancer Client Management Guide • Social Media Marketing bootcamp 	Freelancers
Gender and Development 	Provides contents on women empowerment, policies for protection of women, skills enhancement for women entrepreneurs, and many more.	<ul style="list-style-type: none"> • eGov4women • GAD Policies • Training modules 	Women and policy-makers



TECH4ED

HIGHLIGHTS & MILESTONES (As of August 2019)

CENTERS ESTABLISHED

3,381

Tech4ED Centers

can now be used by the people, especially from areas with minimal or no access to crucial ICT services

100% 81 provinces are covered
Tech4ED can now be accessed in all provinces in the country

85% of all cities are covered
51% of all municipalities have Tech4ED Center

Tech4ED continues to establish at least one center in each municipality to provide digital access to the unserved and underserved communities.

823
LGU

offer fast and easy processing of gov't services to the public

2,060
SCHOOL

provide learning resources for students and ALS learners

218
LIBRARY

offer upgraded contents & services to students

28
RIS

serve as co-working spaces & training hubs for online workers

67
TRAINING CENTER

educate the public on ICT literacy and opportunities

80
NGA / PRIVATE

promote digital inclusion for all sectors

12
NGO

provide access to special contents and services

21
FITS

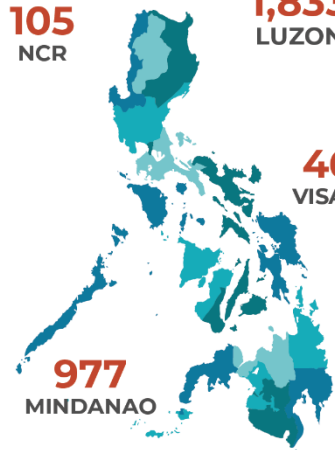
introduce advanced farming technologies to help farmers

72
NEGOSYO CENTER

expand market reach of MSMEs, local businesses and entrepreneurs

105
NCR

1,833
LUZON



466
VISAYAS

977
MINDANAO



15

BJMP TECH4ED CENTERS

Persons Deprived of Liberty (PDLs) now have access to ICT enabled services and learning opportunities through these centers which serve as training hubs, providing skills trainings and livelihood programs.



5

MOBILE TECH4ED CENTERS

-serving the remote communities

CONTENT & PLATFORM



8 platform segments

Offering FREE contents and learning materials on Health, ALS, Agriculture, Skills training, Gender and Development, Online Jobs, & Government Services



137,000

registered platform users

52 Online Contents



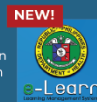
Let's Read

provides a digital library of local language children's books that can be translated into different foreign languages



Future Ready ASEAN

aims to equip the underserved youths with digital skills



eLearn online

contains online e-learning courses that tackles Adolescent Health Education and Practical Training (ADEPT) and Data Governance.

4 Offline Contents



eLearn

offline version of the DOH Learning Management System



The Career Engine

contains learning materials which help you prepare for employment

Monitoring and Evaluation of Established Tech4ED Centers

678

centers established from 2015 to 2018 were monitored to evaluate its activities and accomplishments



Capability Building



8,010

Tech4ED CENTER MANAGERS TRAINED

Center Managers gained knowledge on Center Management, Operations, Customer Service and Tech4ED Platform utilization



399

CENTER MANAGERS TRAINING

Conducted to introduce to the knowledge workers the Tech4ED project and its available ICT services and contents.

PARTNER-SPONSORED TECH4ED CENTERS

Interested partners such as Government agencies, Local Government Units, Private Sectors and Non-Government Organizations may establish a Tech4ED Center in their locality by following this counterpart scheme:

Host partners counterpart:

- Office space – not smaller than 20sqm
- Wi-fi connectivity and at least 1 router
- At least 3 Computers
- 3 Computer tables with chair
- 3 Tables and chairs (for users who will bring their own laptop)
- 1 Full-time personnel
- SB Resolution or Ordinance, if LGU

DICT Counterpart:

- Training of Center Managers
- Tech4Ed Platform and content
- Technical assistance and support
- Computer Package for selected centers

1.1 Tech4ED Target Sectors

Guided by the vision statement, with a mission in its core, the Tech4ED Project’s goal to strengthen the use Information and Communications Technology (ICT) to provide opportunities to the underserved and marginalized is made clearer by identifying ten (10) primary target sectors.



1. Out-of-school youth & adults

The Philippine Statistics Authority – Functional Literacy, Education and Mass Media Survey (FLEMSS) defines

out-of-school youth (15-24 years old) and adults as persons who are not attending formal school and have not finished any college or post-secondary course.

2. Teachers

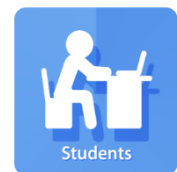


As defined in RA7836. Refers to all persons engaged in teaching at the elementary and secondary levels, whether on full-time or part-time basis, including industrial arts or

vocational teachers and all other persons performing supervisory and/or administrative functions in all schools in the aforesaid levels and qualified to practice teaching.

3. Students

As defined in DepEd Order No. 40 s. 2012, refers to a person who attends classes in any level of basic education, and includes a pupil or learner.



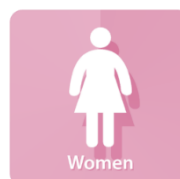
4. People with Disabilities



As defined in RA9442, are those suffering from restriction or different abilities, as a result of the mental, physical or sensory impairment, to perform an

activity in the manner or within the range considered normal for a human being.

5. Women



A woman is an adult female distinguished to be different from a male.

6. Senior Citizens



Senior Citizens, as defined in RA7432, refer to any resident citizen of the Philippines at least sixty (60) years old, including those who have retired from both

government officer and private enterprises.

7. OFWs, their Families/Relatives

As defined in R.A. 8042, the term migrant worker refers to a person who is to be engaged, is engaged or has been engaged in a remunerated activity in a state of which he or she is not a legal resident to be used interchangeably with the overseas Filipino worker.



8. Entrepreneurs



One who organizes, manages, and assumes the risks of a business or enterprise. A person who organizes, manages, and assumes the risks of a business or enterprise. (Meriam-Webster:

<http://www.meriam-webster.com.dictionarylentrepreneur>)

9. Indigenous People

Indigenous People – As defined in RA8371. Group of



people or homogenous societies identified by self-ascription and ascription by others, who have continuously lived as organized community on communally bounded and defined territory, and who

have, under claims since time memorial, occupied, possessed and utilized such territories, sharing common bonds of language, customs, traditions and other distinctive cultural traits, or who have, through resistance to political, social and cultural inroads of colonization, non-indigenous religions and cultures, became historically differentiated from the majority of Filipinos.

10. Farmers and fisherfolks



A farmer (Dryer, 2007) is a person engaged in agriculture, raising living organisms for food or raw materials. The term usually applies to people who do some combination of raising

field crops, orchards, vineyards, poultry, or other livestock. Fisherfolk are people who earn their living by fishing; fishermen and women collectively.

