



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

# digitalPH

**YVETTE M. CABRERA**  
Senior Planning Officer  
ICT Industry Development Bureau

# DICT'S digitalPH



# Philippine Development Plan 2017-2022

## ***Chapter 14: Vigorously Advancing Science, Technology, and Innovation***

***To increase the investment in STI-based start-ups, enterprises, and spin-offs***

- Encourage more innovative financing mechanisms and private sector investments
- Provide support mechanisms for start-ups and MSEs in the regions



Philippine  
Development Plan  
2017-2022

ABRIDGED VERSION



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

# SME AND STARTUP ECOSYSTEM

- **The three HIPs addressing these aspects are:**

- • Encourage & incentivize the setting up of incubation centers for IT-BPM SME and startups

- • Advocate the introduction of programs focused on entrepreneurship in the Philippine educational system

- • Establish a “DIGITAL FILIPINO” portal providing SME and startups, operating in the IT-BPM sector, access to resources and information

The HIPs are discussed in further detail in Accelerate PH Future-Ready Roadmap 2022 full publication.



## ACCELERATE PH

FUTURE-READY

## ROADMAP 2022

The Philippine IT-BPM Sector  
*Executive Summary*



PAUL & SULLIVAN



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY



Stepping up the  
Value Chain



Rural Impact  
Sourcing



digitalcitiesPH



seedPH



# THE digitalcitiesPH PROGRAM



This program focuses on the creation and development of ICT hubs which will serve as business and innovation centers and investment destinations outside Metro Manila thus creating economic opportunities in these areas. As a collaborative project with the Information Technology and Business Process Association of the Philippines (IBPAP) and the National ICT Confederation of the Philippines (NICP), the program aims to promote inclusive growth and development around the country.



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

# HISTORY & PARTNERSHIP



The digitalcitiesPH initiative started in 2007 in partnership with Information Technology – Business Process Association of the Philippines (IBPAP) and Department of Trade and Industry.



**DICT**  
DEPARTMENT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

**IBPAP**<sup>®</sup>  
IT & BUSINESS PROCESS ASSOCIATION  
PHILIPPINES



**PSIA**  
Philippine Software Industry Association

**ACPI**  
ANIMATION CONFEDERATION  
OF THE PHILIPPINES

**GDDP** GAME DEVELOPERS  
ASSOCIATION OF  
THE PHILIPPINES

**GICC**  
GAMING INDUSTRY CONFEDERATION  
PHILIPPINES

**HIMAP**  
HUMAN RESOURCE MANAGEMENT  
ASSOCIATION OF THE PHILIPPINES

**CCMP**  
BEYOND THE WORLD



The digitalcitiesPH Awards is initiated by the National ICT Confederation of the Philippines (NICP), in partnership with the Department of the Interior and Local Government (DILG) in 2012.

**digitalcitiesPH Awards**  
BEST PRACTICES IN E-GOVERNANCE FOR JUST GOVERNMENT UNDER 50000



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

## ICT INDUSTRY AND COUNTRYSIDE DEVELOPMENT



- Aims to establish ICT-enabled business and innovation centers and investment destinations outside of Metro Manila to create economic opportunities in the countryside.
- Generated about **320,000** employment outside of Metro Manila out of the total **1.2 Million Jobs** with an average of **Php15,000** monthly salary
- Generated an estimated **USD 24.5 billion** revenue in 2017





# JOBS CREATED

After 11 years,

Out of **1.2 MILLION** (as of end July 2018)



full-time employees,



**320,000 FULL-TIME  
EMPLOYEES**

are outside of Metro Manila.



# REVENUE GENERATED



**24.5 BILLION DOLLARS**



# ICT COUNCILS NATIONWIDE



**70+**  
ICT Councils



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

# THOLONS' TOP 50 DIGITAL NATIONS

## 2nd Place



**Philippines**



Home to major Multinational Corporations & GICs

High Literacy Rate – 95%+

One of the World's Largest English Speaking Nations

Undisputed Leader in Customer Service & BPM



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

# THOLONS' TOP 100 SUPER CITIES



In 2018, **6 Philippine Cities** were included in the **Top 100 Outsourcing Destinations in the world.**

Metro Manila (2<sup>nd</sup>)

Cebu City (11<sup>th</sup>)

Davao City (75<sup>th</sup>)

Sta. Rosa City (87<sup>th</sup>)

Bacolod City (89<sup>th</sup>)

Iloilo City (92<sup>nd</sup>)



# Tholons Ranking Parameters for SUPER CITIES

## TRADITIONAL IT-BPO

### Talent, Skills & Quality

- Population
- Technical Graduates
- Non-Technical Graduates

### Business Catalyst

- Employed in IT/BPO Sector
- IT/BPO Providers
- Ease of Doing Business

### Cost

- IT/BPO Salary
- Real Estate
- Bandwidth

### Infrastructure

- Airport Connectivity
- Leased Line Providers
- Mass Transportation System
- Quality Educational Institutes & Hospitals
- Class-A & Tech Parks

### Risk & Quality of Life

- Political Risk
- Social Risk
- Natural Risk
- Commercial Risk

## DIGITAL

### Digital Skills and Scale

- Mobile & Internet Users
- Digital Evolution
- Digital Talent
- High Tech Patent Grants

### Business Attractiveness

- RPA Providers
- Business Agility
- Use of Digital Technology
- Investment in Digital Assets

### Digital Credentials

- Open Innovation Ecosystem
- Startups & Diversity
- Policies & Incentives
- Unicorns
- Digital Competitiveness
- Cyber Security



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

# We need to re-skill/upskill

## Changing International Client Requirements

Predictive Analytics

Robotic Process Automation

Cloud Industry Platform

NLP for Unstructured Data

Prescriptive Analytics

Machine Learning

### TECHNOLOGY

- Cloud Architect
- Digital Anthropologist
- Scrum Master
- Machine Learning Scientist
- Chief Data Office
- Data Scientist
- Robotic Specialist
- Data Protection Officer
- Traffic Manager
- Mobile Development
- Data Visualization
- Data Engineer
- Virtual Reality Design
- Platform Developer
- Neuro Implant Technician
- Cyber Security Analyst

### NETWORK / WEB

- Industrial Network Engineer
- Project Manager
- Web Master
- Network Programmer
- Designer
- Web Integrator
- Developer
- SEO Manager
- Web Services

### COMMERCIAL

- E- Business Manager
- Account Manager
- Product Manager
- Business Developer
- Fraud Manager
- Professional Triber

### MARKETING

- Marketing Professional
- Digital Copy writers
- Media Acquisition Manager
- UI Designer
- Digital Planner

### FACILITATION

- Business Transformation Practitioner
- Customer Makers
- Service Innovation Thinker
- Editorial Manager
- Content Curator
- Chief Listening Officer
- Community Manager



## ICT INDUSTRY AND COUNTRYSIDE DEVELOPMENT

- Conducted Lean Six Sigma for IT-BPM Training (LSS)\*
  - 44 Black, Green & Yellow Belters, Six (6) Master Level Blackbelts
  - 79,250,000 Training Class Savings
  - 5,300 Trained Headcount
- Conducted Business Analytics Training \*
  - Held a Business Analytic Training and produced 22 Business Analysts for the first batch
- Conducted Medical Coding and Certification Training\*
  - The training produced 24 medical coders,
  - 18 coders have been hired



## ICT INDUSTRY AND COUNTRYSIDE DEVELOPMENT

- **Held three (3) GenNext Leadership Forum/Team Leaders Summit\***  
Total of **750** contact center team leaders and managers participated
- **Conducted four (4) Software Development Industry Enablement Seminars\***  
Total of **600** participants
- **Conducted three (3) IT-BPM Learning Sessions on Current Trends\***  
Total of **600** participants



# ICT CAPABILITY DEVELOPMENT AND MANAGEMENT PROGRAM



## ICT INDUSTRY AND COUNTRYSIDE DEVELOPMENT

### The Software Development Expo and Conference (SODEC) in Tokyo



### The Philippine Pavilion in ConnectechAsia 2018 in Singapore



- Pointwest Technologies Corp.
- Titanium Technologies Inc.
- Alliance Software Inc.
- Advanced World Systems Inc.
- Bizwind Philippines Inc.
- Cybertech Co. Ltd.
- Tsukiden Global Solutions Inc.
- Cebu Innosoft Solutions Inc.
- N-Pax Philippines Inc.
- Genpact (Headstrong Philippines Inc.)
- Orange & Bronze Software Labs Inc.
- Green AdvancedTech Solutions Corp.
- Digify Inc.
- TMJ BPO Services Inc.
- Rococo Global Technologies Corp.
- DCSI Group Valtex Advanced Technology
- Eclaro Business Solutions, Inc.
- Exist Software Labs, Inc.
- inTgo Technologies, Inc.
- SpringValley Tech Corp.

#### List of participating Companies

- PLDT Enterprise
- MobileOptima Inc.
- HYBrain
- Rumarocket Limited Incorporated
- Payruler
- Snapcart Advanced
- World Solutions
- Magellan solutions
- Titanium Technologies



## ICT INDUSTRY AND COUNTRYSIDE DEVELOPMENT

- Aims to provide Filipinos with skills to help them gain employment through the online freelancing industry
- To date the **RIS Technical Trainings (RISTT)** has had **778** graduates, **350** of whom have online jobs even while on training

502 MSMEs have been provided online presence/ websites by RISTT graduates & are able to do E-Commerce.

Conducted RIS Advocacy Workshops in 36 locations with a total of 8,162 participants



# digitalPH



## seedPH

Digital Startup  
Development Program

*Aims to develop the Philippine Startup Ecosystem and spread the economic potentials of digital entrepreneurship especially in the countryside.*

seedPH

I

C

A

N

seedPH



# INFORM

*To educate Filipinos on digital startups  
through advocacy and workshops*



# Inform

## STARTUP WORKSHOPS



## MENTORS' BOOTCAMP





# Inform

## STARTUP CHAMPIONS



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

seedPH



# C COLLABORATE

*To be an agent of unification through collaboration  
with key players in the startup community*

# Collaborate

## STARTUP WEEKEND



## GEEKS ON A BEACH



# Collaborate

## TAKE OFF



### First Batch of participating Startups

- MedGrocer
- AIDE
- Sprout Solutions
- Avail At
- CloudSwyft Global Systems, Inc.
- InteliQas Energy
- Kalibrr Technology Ventures Inc.
- MedProjects Inc.
- Rumarocket Ltd Inc.
- TripClub

### Second Batch of participating startups

- Fetch Valet
- InnoVantage, Inc.
- iParentPortal Inc.
- MyKuya
- Palengkero
- Qwikwire Inc.
- Sinitic
- Talkpush
- Titanium Technologies
- uHoo Inc.

seedPH



**ACCELERATE**

*To support startups in growing their businesses  
through international exposures*

# Accelerate

## RISE HONGKONG



## CONNECTECHASIA



# Accelerate

## ASEAN MAKERTHON



## STARTUPS @ ASEAN



seedPH

The logo for 'NURTURE' features a large, bold, white letter 'N' centered within a dark blue circle. The circle has a red border. To the right of the circle, the word 'NURTURE' is written in a bold, dark blue, sans-serif font. The letters are contained within a light gray, rounded rectangular bar that has a subtle drop shadow.

# NURTURE

*To continuously encourage the youth to create relevant technologies that could also be viable business ventures*



# Nurture

## DICT- YOUTHHACK STARTUP CHALLENGE



## ICT INDUSTRY AND COUNTRYSIDE DEVELOPMENT Philippine Startup Challenge Winners



2014 WINNERS

- Intern Ship (Pag Hinabol Mo Lalong Lalayo) University of the East in Manila
- Tweeva (Technovators) University of San Jose-Recoletos in Cebu
- POD (NoSemicolon) Ateneo de Davao University
- CareStarter (Gecko) Ateneo de Davao University
- Escape Plan (WiseGeeks) Ateneo de Davao University



2015 WINNERS

- eBasura University of Cebu - Main Campus
- Fresh2ket University of Cebu - Main Campus
- BookNow Mindanao State University-Iligan Institute of Technology



2016 WINNERS

- Milktrack Bulacan State University
- Sea2go Ateneo de Davao University
- Trase Mobile App Bulacan State University
- Hushtag Mindanao State University - Iligan Institute of Technology



2017 WINNERS

- Centsilyo University of Southeastern Philippines
- Taptrack University of Science and Technology of Southern Philippines
- Venturepal University of Cebu Main

Total of 376 schools have participated\*





## seedPH Digital Startup Development Program

### RESEARCH & DEVELOPMENT

DICT Startup Workshops  
*(IdeaSpace, QBC, Impact Hub- Elevate)*

Philippine Startup Challenge  
*(PSC) (PSITE, PSIA)*

PSC Mentors' Bootcamp  
*(PSITE, PSIA)*

Startup Weekend  
*(ICT Councils/ Globe/ Smart)*

DICT- YouthHack Startup Challenge

### IDEA TO PRODUCT

DICT Startup Workshops  
*(IdeaSpace, QBC, Impact Hub- Elevate)*

Startup Weekend  
*(ICT Councils/ Globe/ Smart)*

Launchpad  
*(PSIA- Spring.PH)*

### MARKETING & REVENUE

Take Off *(IBPAP)*

Geeks on a Beach  
*(TechTalks.ph)*

### EXPANSION

Attendance at Foreign Events:

Participation in ConnectechAsia

Attendance in RISE HongKong Startups @ASEAN

Participation in ASEAN Makerthon

Participation in SODEC *(PSIA)*

Geeks on a Beach  
*(TechTalks.ph)*



DICT'S SUPPORT FOR EACH STAGE

# Philippine Innovation Ecosystem 2018

## RESEARCH & DEVELOPMENT

PhilDev.org  
TechTalks.ph  
SpringValley.tech  
Google (GDG/ GBG)  
Startup Grind  
Startup Week  
DevCon  
Cerebro Labs (*Incubator and Accelerator*)  
IdeaSpace: *Technopreneur Bootcamps and Roadshows*  
Other Tech/ Dev/ Groups

*Government Agencies:*  
DICT  
DOST- R&D  
DOST- PCIEERD  
CHED

## IDEA TO PRODUCT

QBO Innovation  
PSIA'S Spring.PH  
Startup Weekend  
PhilDev.org  
USAID- STRIDE  
SpringValley.tech  
UP Diliman UPSCALE  
Innovation Hub  
Cerebro Labs  
Startup Village  
AIM- Dado Baratao  
Incubator  
IdeaSpace: *Annual Pro-accelerator Program*

*Government Agencies:*  
DICT  
DOST- R&D  
DOST- PCIEERD  
CHED

## MARKETING & REVENUE

Kickstart Ventures, Inc.  
QBO Innovation  
Launchgarage, Inc.  
Future Now Ventures  
PhilDev.org  
Geeks on a Beach  
AIM- Dado Baratao  
Incubator  
Impact Hub Manila  
Xchange Incubator  
IdeaSpace: *Annual Accelerator Program*

*Government Agencies:*  
DICT  
DTI Slingshot  
DOST- PCIEERD

## EXPANSION

LaunchGarage  
Geeks on a Beach  
IdeaSpace: *Opportunity Fund*

*Government Agencies:*  
DICT  
DTI- Bureau of Investments  
DOST's "SETUP"





REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF INFORMATION AND  
COMMUNICATIONS TECHNOLOGY

# THANK YOU!

**YVETTE M. CABRERA**  
yvette.cabrera@dict.gov.ph



digital.PH



@digitalPH\_

dict.gov.ph



www