University IP-based Start-ups

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The Startup Ecosystem 2018: Interventions at every stage

**Idea/R&D**
- DOST R&D Grant, PCIEERD Young Innovators Program, CHED, Philippine Startup, Startup Weekend, Youth Hack Challenge, Technopreneur’s Bootcamp & Roadshows, PhilDev, Google, Startup Grind, Cerebro Labs, Devcon

**Product**
- DOST TBIs, QBO, UPScale, AIM-DBI, PCIEERD Startup Grant, PCIEERD FASTRAC, DOST TECHNICOM, DTI FabLabs, Startup Weekend, DICT Startup Workshops, LaunchPad, Sringvalley Tech, Google GBG GDG, Ideaspace Pre-Accelerator Program, Cerebro Labs, Startup Village

**Market**
- DOST TBIs, QBO, UPScale, AIM-DBI, Take Off, Geeks on a Beach, Kickstart Ventures, Launchgarage, Inc., Ignition Venture Studio, Future Now Ventures, PhilDev.org, Impact Hub Manila, Xchange Incubator, Ideaspace Annual Accelerator Program, Slingshot DTI, DTI Local & International Events, DOST Startup Assistance

**Expand**
- Startup Competitions in local/ international events, Launch garage, GOAB, DOST SETUP, DTI Slingshot, BOI, Ideaspace: Opportunity Fund, Venture Capitalists, Corporate Ventures

Challenges and Leading Issues

DISCONNECT
Too many programs, should be harmonized to maximize impact, no end-to-end support

ACCESS TO FUNDS
Lack of awareness of available funds, mismatch in terms of financing, lack of funding for early stage

MINDSET
Corporate mindset, fear of failure, risk taking

POLICY GAPS
Startup incentives, SEC, BIR, Financing

SKILLSET
Limited access to Tech-creative courses, mismatch of talent
But…

Government-led Initiatives can be orchestrated for better synergy and wider reach.
2019-2023 Strategic Priorities

**COLLABORATION**
GUI Integration
Create, Public-Private joint Programs, maximize funds

**POLICY**
Resolve issues, more robust plan

**PROMOTION**
Storytelling to inspire, Focus on inclusive events, Identify Startup Champions

**EDUCATION**
Promote Technopreneurship in Universities, Educate, train startups, more TBI managers and startup leaders, involve more mentors
Nurtured more than 200 startups
Produced more than 70 full blown startup companies
Created over 800 jobs
Generated more than 100 million in private and government investments
Generated over 60 million in terms of startup revenues
Funding Assistance for Spin-off and Translation of Research in Advancing Commercialization Program (FASTRAC)

Bridging the Gap
From University Researchers to Founders....
Universal Structural Health Evaluation and Recording (USHER) System

A next generation structural health monitoring system

- Easy to install
- Cost-effective
- Low maintenance
- Locally fabricated
Charging in Minutes (CharM)

A fast charging system that can fully charge electric tricycles in 30 minutes

UP Diliman Electrical and Electronics Engineering Institute
Organo minerals for economical and eco-friendly domestic waste water treatment and strong odor control
Biotek-M™ Dengue Aqua Kit

“A diagnostic test designed to detect dengue infections in serum/plasma samples”

2016 Gregorio Y. Zara Medal, Outstanding Technology Commercialization Award
2018 Gold Medalist, 46th International Invention Exhibition, Geneva Switzerland
2019 Gawad Dagisik Award for Health Technology development and Commercialization
A biopesticide product, effective in controlling Fusarium wilt or Panama disease. This deadly disease is caused by the fungal pathogen Fusarium oxysporum f.sp cubense (Foc), which typically attack Cavendish bananas.
PHL LEAPS in GII RANK (from 2018 to 2019)

#20: Trade, competition & market scale (from #30 in 2018)

#40: Creative Goods & Services (from #104 in 2018)

#71: Innovation linkages (from 93 in 2018)

#14: Knowledge Absorption (from #32 in 2018)

#25: University/Industry research collaboration (from #56 in 2018)
Republic Act No. 11337

"Innovative Startup Act"

Providing Benefits and Programs to Strengthen, Promote and Develop the Philippine STARTUP Ecosystem

AN ACT PROVIDING BENEFITS AND PROGRAMS TO STRENGTHEN, PROMOTE AND DEVELOP THE PHILIPPINE STARTUP ECOSYSTEM

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

CHAPTER 1
GENERAL PROVISIONS

SECTION 1. Short Title. — This Act shall be known as the "Innovative Startup Act".

SEC. 2. Declaration of Policy. — It is hereby declared the policy of the State to foster inclusive growth through an innovative economy by streamlining government and nongovernment initiatives, in both local and international