



# PHILIPPINE INNOVATION AND STARTUP ECOSYSTEM: OPPORTUNITIES FOR COLLABORATION

This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have queries.



# PHILIPPINE DELEGATION



**MARK JOSHUA P. HALILI**

*Program Manager / Science Research Specialist*  
**Department of Science and Technology**



**LYDIA R. GUEVARRA**

*Director, Resource Generation and  
Management Services*  
**Department of Trade and Industry**



**MAR JOVETTE B. LAURETA**

*Supervising Economic Development Specialist*  
**National Economic and Development Authority  
National Innovation Council**



**CARLO CALIMON**

*President / Co-Founder*  
**Startup Village**



**ALBERTSON D. AMANTE**

*VP for Research, Development and  
Extension Services*  
**Batangas State University**



# THE PHILIPPINES AT A GLANCE



**6.8%**  
GDP Growth  
2021 - 2024



**1.8%**  
Increase in Population  
2021 - 2024



**13%**  
Increase in MSMEs  
2021 - 2024



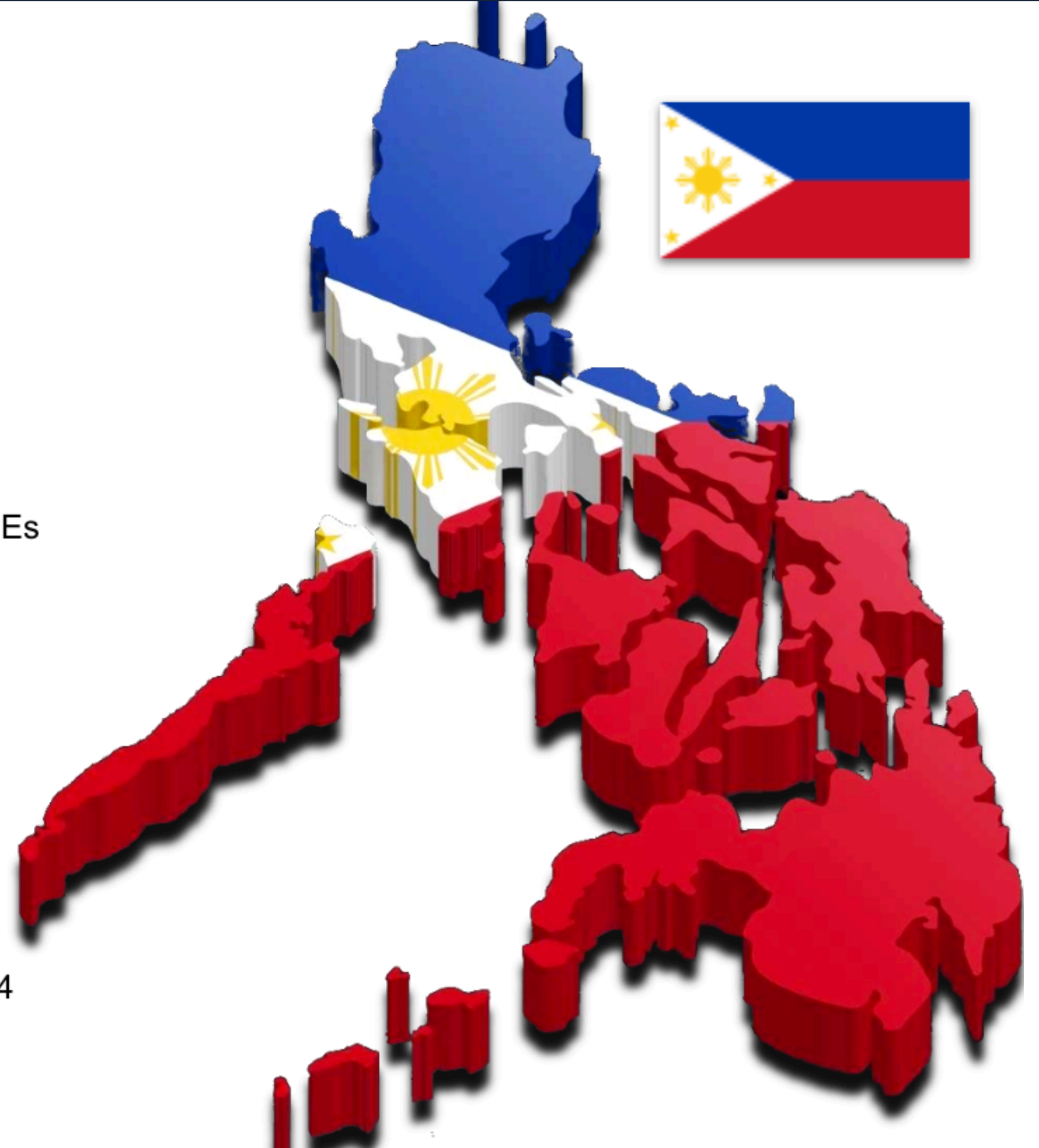
**3.37%**  
Increase in  
Smartphone Penetration  
2021 - 2024



**262%**  
Growth in the #  
of Cities with 5G  
2019 - 2024



**73.6%**  
Internet  
penetration 2024

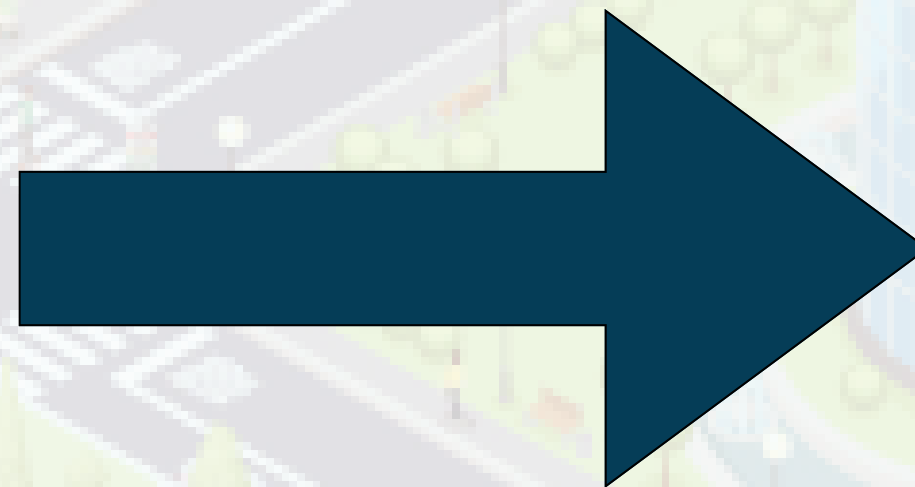


# The State of the **PHILIPPINE INNOVATION ECOSYSTEM**





**59th 2022  
GII Ranking**



**56th 2023  
GII Ranking**

**69th  
Innovation  
Inputs 2023**

**52nd  
Innovation  
Outputs 2023**

Infrastructure pillar  
improved in ICT  
Access and ICT use

Human Capital  
and research  
pillar dropped

Institutions pillar  
showed no  
improvement

The ranking dropped due to weakness in  
scientific and technical articles and new  
businesses per thousand population

Intellectual  
property indicators  
declined



A collage of logos for various startups and companies, including PearlPay, Cawil.ai, KargaX, Nantronics, AniTech, Bookuna, PIZA, Solix, SafeTravelPH, RaffleExchange, Twala, and many others.

**60+ Incubators & Accelerators**

**STARTUP PILIPINAS**

**50+** Investors & Venture Capitalists

Logos displayed include: KSR Ventures & Developers, Andorra Ventures, Artesian, OpenSpace, Navega, Kaya Founders, Real Tech Holdings, FN, Ignite Impact, Tree Fund, Catalyst, CLFG Capital, Boko Ventures, inBEST Ventures, Plug and Play, and PLDT.

# STARTUP ECOSYSTEM RANKING



National Rank	City	Global Rank	Rank Change
1	Manila	101	-6
2	Cebu	459	+9
3	Cagayan de Oro	698	-37
4	Davao	743	+208
5	Naga	831	+73

**Philippines is 60<sup>th</sup> rank in 2024 which is lower in 2023**

- **Metro Manila** has fallen 6 spots to 101st globally but remains the 5th best startup ecosystem in the SEA
- The Philippines retains a total of 5 cities in the Index after the addition of **Naga** at 952nd



# CHALLENGES IN THE PHILIPPINE INNOVATION ECOSYSTEM





# SCIENCE, TECHNOLOGY, AND INNOVATION-BASED INDUSTRIAL STRATEGY

*To grow globally competitive & innovative industries*

## Embrace Industry 4.0

- Smart Manufacturing, AI, IIoT, 5G, etc.
- Leapfrog to new & emerging industries
- **Transform industries** towards an increasing share of STI-intensive sectors to GDP

## Innovative MSMEs & Startups

- **Upsize MSME** & accelerate their growth
- Prepare SMEs for digital transformation
- Build robust startup ecosystem

## Integrate Industry Development, Trade and Investment

- Link manufacturing with agriculture & services
- Deepen GVC participation
- **Expand trade & investment**

## Enabling Economic Environment to attract more investments

- Simplification of processes, automation
- Power, logistics, infrastructure
- LGU competitiveness

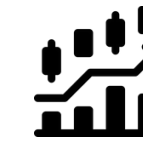
## Upskill/Reskill Workforce

- Build STI & research capabilities
- Upgrade education curricula
- Skills training programs, improve digital skills

## Regional development, Innovation, Entrepreneurship

- **Regional industrialization** through innovation & use of essential technologies for development of regional industries
- Creation of new products, services, business models
- Promote research commercialization

# DYNAMIC INDUSTRY ECOSYSTEM



# THE PHILIPPINES

**117M**  
population

**51.2M**  
talent pool

**1.2M**  
annual  
graduates

**23.5**  
median age

## MANILA STARTUP ECOSYSTEM

30<sup>th</sup> Top Asian Ecosystem in Talent & Experience

30<sup>th</sup> Top Global Ecosystem and 15<sup>th</sup> Top Asian Ecosystem in Affordable Talent

20<sup>th</sup> Top Asian Ecosystem in Funding

40<sup>th</sup> Top Global Ecosystem and 15<sup>th</sup> Asian Ecosystem in Bang for Buck

Source: Global Startup Ecosystem Report 2024



Source: CMCI Portal Raw Data, Global Innovation Index 2024 Report

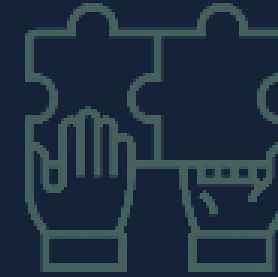


# THE PHILIPPINES AS THE EMERGING STARTUP DESTINATION IN ASIA



## Rich Talent Pool and Demographic Sweet Spot

The Philippines is rich in young and competent tech talent with the potential to discover and develop new solutions in various sectors. The median age in the Philippine is 25.7 years old, with an average of 800,000 graduates annually across a wide range of discipline.



## Government Support

The Innovative Startup Act provides programs and Incentives for startup and startup enablers, the Philippine Innovation Act facilitates the country's adoption of Innovation to drive Inclusive development, and the Ease of Doing Business Act speeds up the creation and entry of more businesses in the country. Additionally, the Foreign Investments Act encourages investments to help fuel the overall economy, and the CREATE law provides tax incentives for digital and innovative businesses.



## Innovation Ecosystem

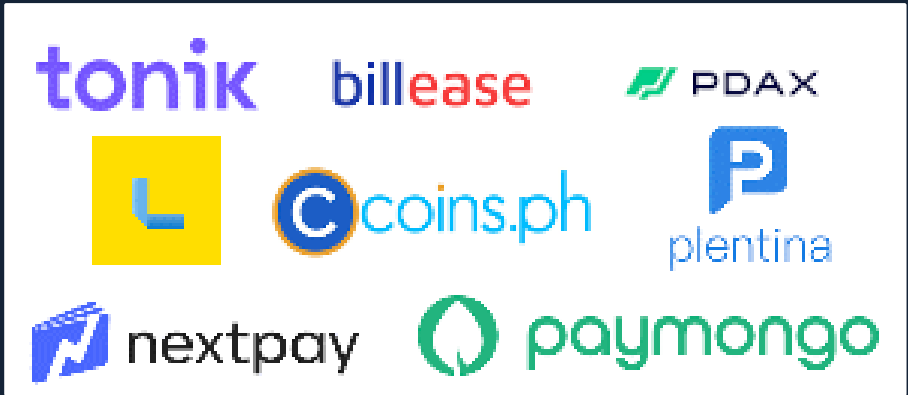
The Philippines established Regional Innovation Ecosystems to advance the country's inclusive innovation and entrepreneurship agenda. Through the RIICs platform, various programs of the Government and Private are being executed as a means to collaborate among various innovation stakeholders and address industry problems and needs of the regions.



# SECTOR STRENGTHS



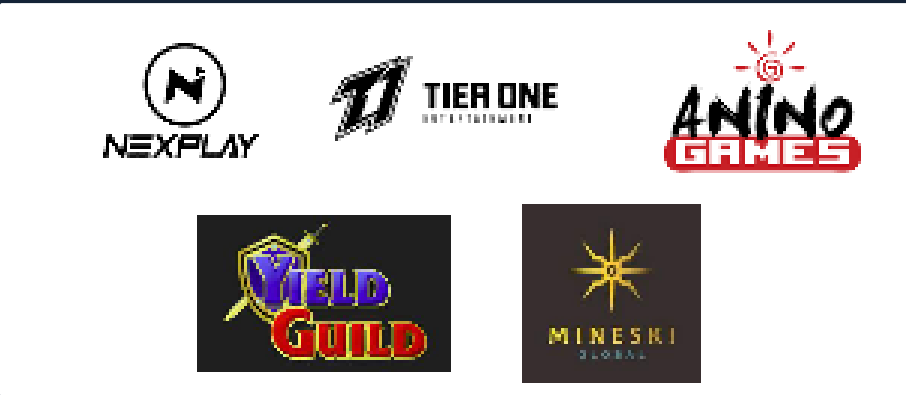
## E-COMMERCE



## FINTECH



## LOGISTICS



## GAMING



Cognitive AI, Inc. is a technology company founded by Gerry Amisola that specializes in AI solutions to help companies improve their decision-making capabilities and ‘turn data into revenue’



Xeleqt A.I. augments internet-constrained work environments with connected A.I. machines that reduce 50% of bandwidth cost and 90% of data collection workloads using offline-first data processing and analytics.



Specializes in AI-based logistics and freight outsourcing services. Although now headquartered in Silicon Valley, it was originally founded in the Philippines.



Betterteem is a predictive analytics platform designed to preempt employee turnover, enhance engagement and improve retention.



Aiah develops advanced AI chatbots that enhance customer service interactions by providing sophisticated and independent problem-solving capabilities.

# Government-Led Programs







# RA 11337

## Innovative Startup Act

The Philippine Startup Development Program

*DOST-DTI-DICT MOU on Startup Assistance Program, 2018*



**THE THREE AGENCIES HAVE IDENTIFIED FOUR STRATEGIC WAYS TO HELP TECHNOLOGY BUSINESS INCUBATORS AND STARTUPS – COLLABORATION, POLICY, PROMOTION, AND EDUCATION.**

**ROWENA CRISTINA GUEVARA**  
DOST UNDERSECRETARY





# The Philippine government focuses on building a robust startup ecosystem through various programs that aim to address the needs of startups at every stage of their development lifecycle.

## Build Startup Ecosystems and Networks



Programs and initiatives geared towards building a robust community that will promote technology entrepreneurship and support the establishment and development of innovative startups across the country.



## Support Research & Development



The Philippine government provides funding support to startups to overcome R&D roadblocks, strengthen their intellectual property (IP), refine their business model, and prepare business continuity plans for operations scale-up, service roll-out, and expansion.



## Accelerate Startup Growth



Incubation and Acceleration programs are specifically designed to help startups strengthen market reach, increase founder talent quality, and scale their enterprises into sustainable businesses.



## Increase Venture Funding & Infrastructure Support



The government will co-invest in startups through equity funding to help develop their products, scale up, and expand. Key Infrastructure will also be established to support development of new and emerging technologies.





# BUILDING THE STARTUP ECOSYSTEM AND NETWORK



**SCALE** is DICT's **startup mapping initiative** for the startup ecosystem.

**24**  
Full Reports  
and  
Roadmaps  
**2022-23**

**5**  
Ongoing  
Locale  
Mappings  
**2024**



Startup awareness activities are being conducted nationwide with **269 events** and counting with a total of more than **27,000 attendees** both online and onsite.

**279**  
Events  
Conducted  
**2022-23**

**40k**  
Total  
Participants  
**2022-23**



**Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) Program** provides universities with a structured preparatory program to guide and equip them to plan, implement, build and start embracing the emerging Start-Up community in their own university”.

**27**  
HEIs  
Trained to  
manage New TBIs

**26.5**  
Million (Php)  
Grant Funding

**59**  
TBIs  
with **Approved  
Funding**

**342.1M**  
Million (Php)  
**Grant Funding**

The **Startup Mentors' Bootcamp 2023** puts a premium on providing mentors and aspiring mentors with the essential information and tools for them to be fully adept in digital startup development. It aims to pave the way towards a more digitally-empowered Philippines.





# BUILDING THE STARTUP ECOSYSTEM AND NETWORK

13

RIICS  
Established

16

Regional Startup  
Ecosystems

95

Regional Events

120

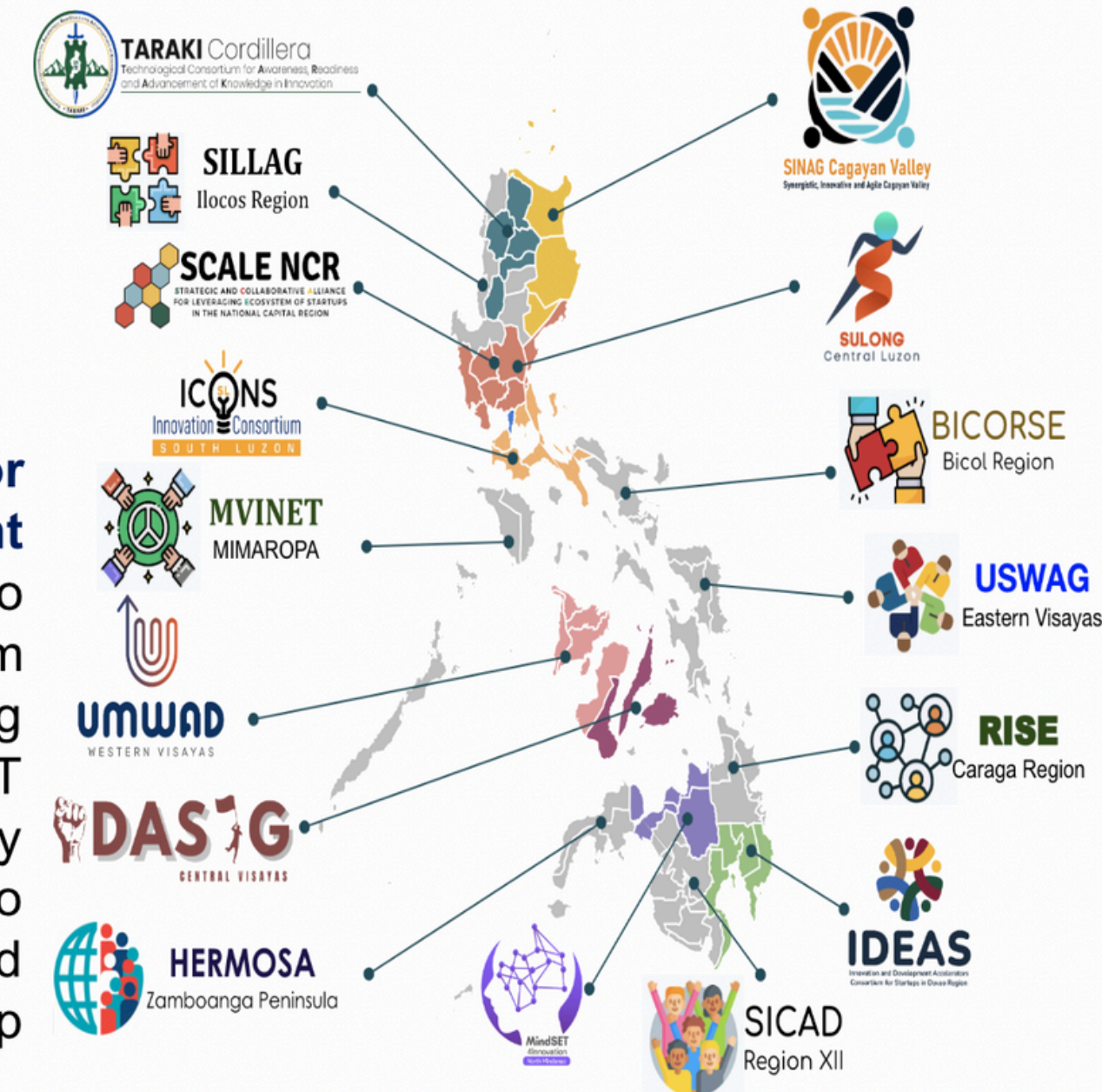
Million (Php)  
Grant Funding



**Regional Inclusive Innovation Centers (RIICs)** serve as virtual or physical platforms which aim to increase collaboration among innovation stakeholders and generate innovative product, process, or service to address industry problems and needs of the respective regions.









**Regional Startup Enablers for Ecosystem Development (ReSEED) Program** aims to strengthen the startup ecosystem in the regions by providing funding support to DOST PCIEERD-funded Technology Business Incubators (TBIs) to lead in establishing and formalizing a Regional Startup Ecosystem Consortium.





# SUPPORTING RESEARCH AND DEVELOPMENT

ICT	HEALTH	FOOD & AGRICULTURE	INDUSTRY & EMERGING	SOCIAL ENTERPRISE
<p><b>11</b> Startups</p> <p><b>10</b> Million (Php) Grant Funding</p>  <p>The <b>DICT Startup Grant Fund</b> will cater to startups with products or services currently in the Proof of Concept, Prototype, or Minimum Viable Product stages in ICT-enabled sectors.</p>	<p><b>8</b> Startups</p> <p><b>33.8</b> Million (Php) Grant Funding</p> <div>   </div> <p><b>HeaRTNovation Programs</b> PCHRD created a Startup Research Grant Program under DOST SGF that aims to support research activities of startups in the health sector.</p> <p><b>TEKI in Health Program</b> supports the pre-commercialization activities of health technology innovations</p>	<p><b>21</b> Startups</p> <p><b>53.4</b> Million (Php) Grant Funding</p>  <p><b>DOST PCAARRD Startup Grant Fund</b> aims to provide funding support to agri-based innovative startups for them to overcome R&amp;D roadblocks, to strengthen their intellectual property (IP) by means of protection and development of the appropriate IP strategies.</p>	<p><b>61</b> Startups</p> <p><b>247</b> Million (Php) Grant Funding</p>  <p><b>DOST PCIEERD Startup Grant Fund</b> aims to provide funding support to innovative startups for them to overcome R&amp;D roadblocks, to strengthen their intellectual property (IP) by means of protection and development of the appropriate IP strategies.</p>	<p><b>26</b> Women-led Social Enterprises</p> <p><b>120</b> Million (Php) Grant Funding</p>  <p><b>Women Helping Women Innovating Social Enterprise (WHWISE) Program</b> aims to support women-led social enterprises who are in need of assistance in acquiring technology, R&amp;D, technical assistance, and even mentoring for them to create impact and benefit to more communities.</p>



# ACCELERATING STARTUP GROWTH

## IDEATION



## INCUBATION & ACCELERATION



## SCALING & GROWTH

**629** Entrees Received  
**158** Participating Schools



The **Philippine Startup Challenge** is DICT's flagship startup pitching competition

open for the Filipino Youth ICT-based Startups across the country. PSC aims to center and dedicate its efforts on the young and innovative minds of aspiring Filipino Student-Startup founders.

**44** Startup Mentees



**Step UP, or the Startup-Tailored Empowerment and People-Focused Upskilling Project,**

are accelerator programs that are mostly equity-free, fixed-term, cohort-based programs that include mentorship and educational components. The end goal of the startup is a culminating activity where the participants are challenged to pitch their minimum viable products (MVP) during the Demo Day.

**1,643** Startups Incubated  
**411** Million (Php) Grant Funding  
**5,696** Jobs Generated



**Technology Business Incubator Program**

is one of the strategies identified by Department of Science and Technology (DOST) to promote innovation and technopreneurship for the country's socio-economic development in a knowledge-based world economy.

**48** Startup Graduates



**Incubation, Development, and Entrepreneurship Assistance (IDEA)**

aims to assist startups are transitioning from having a minimum viable product (MVP) to becoming established businessesIDEA program

**44** Deals Closed



**Accelerating Development, Valuation, and Corporate Entrepreneurship (ADVance)**

aims to assist startups progress through scaling up business operations and enable them deliver to products and services that will address strategic societal needs. Startups are in the commercial stages of development.

**3**

Internationalization Activities



**Global Acceleration Program (GAP)**

immerses Philippine startups in the ASEAN ecosystem to enable them to pursue international business development, fund-raising, and other strategic opportunities.



# INCREASE IN VENTURE FUNDING



First government-led startup investment fund aimed to help startups develop their products, scale up, and expand.

Aims to develop the startup ecosystem in the Philippines by:

- Investing in startups alongside accredited co-investment partners
- Investing in selected venture capital funds that in turn will invest in PH Startups



**500**  
Million (Php)  
**Investment  
Funding**

**6**  
Co-Investment  
Partners  
**Accredited**



**SOLX Technologies** became the number 1<sup>st</sup> investee of the PH Startup Venture Fund together with Real Tech Holdings





# PH STARTUP WEEK 2023

Investing in Filipino Homegrown Heroes  
as Global Game Changers

NOVEMBER 20-24, 2023

is a *nationwide conference* with simultaneously occurring events showcasing the *Filipino startup community*

- To showcase the Filipino Startup Community
- To gather stakeholders and supporters of the startup ecosystem
- To inspire innovation and build communities across the region and globally showcasing Filipino startups



# The Center for AI Research (CAIR)

A **public-private partnership** hub for data scientists & researchers to

- Perform **collaborative AI R&D and technology application** among government agencies, universities, research institutes, startups, SMEs, domestic large enterprises and MNCs
- Offer **consultancy services and AI tech products**
- Conduct data literacy programs and develop learning modules to **upskill and reskill the workforce**
- Attract leading global firms to **set up R&D activities** in the country

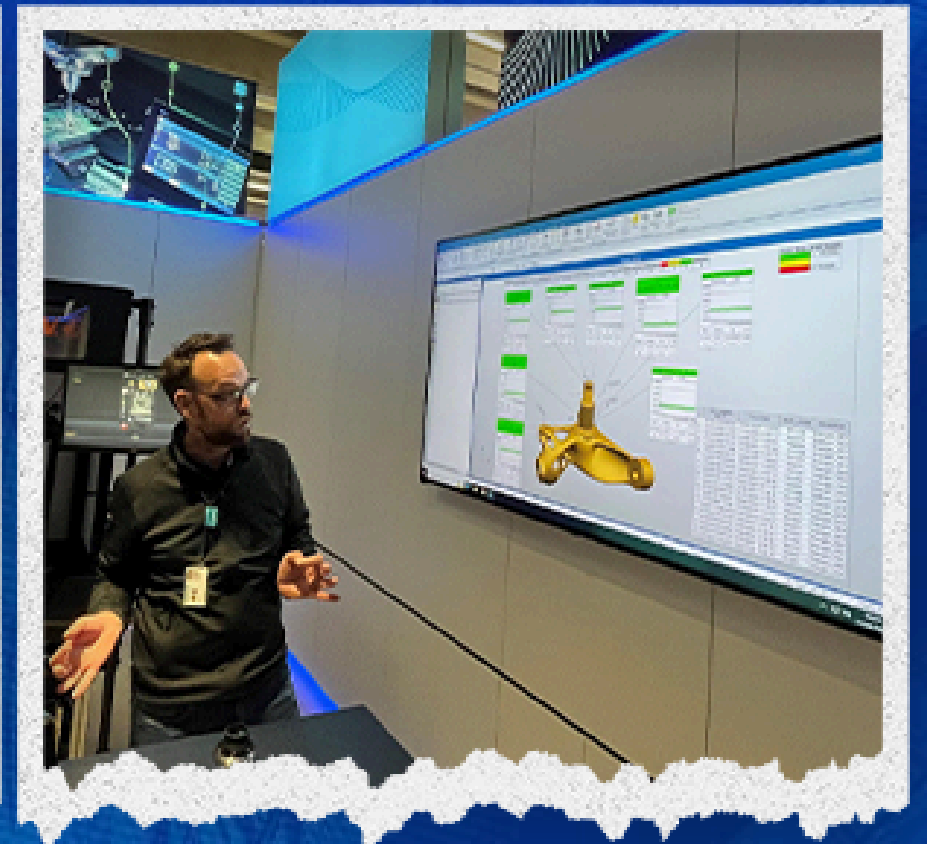
**Focus Areas:** Manufacturing | Services | Precision Agriculture | Construction | Finance/banking | Healthcare | Resilience Technology | Smart Cities

50+ tech startups in the Philippines are already using AI as a core technology in their business model

*Fintech / E-Commerce / Digital Health / Sensors / Digital Services*



# ESTABLISHING THE INDUSTRY 4.0 PILOT FACTORY IN THE PHILIPPINES



It will serve as a technology platform for various stakeholders; and a training and research hub where industries can have hands-on experience on Industry 4.0 applications.

*Photos from Bosch CU.BE in Ulm Germany and  
Siemens Digital Experience Center in Erlangen Germany*

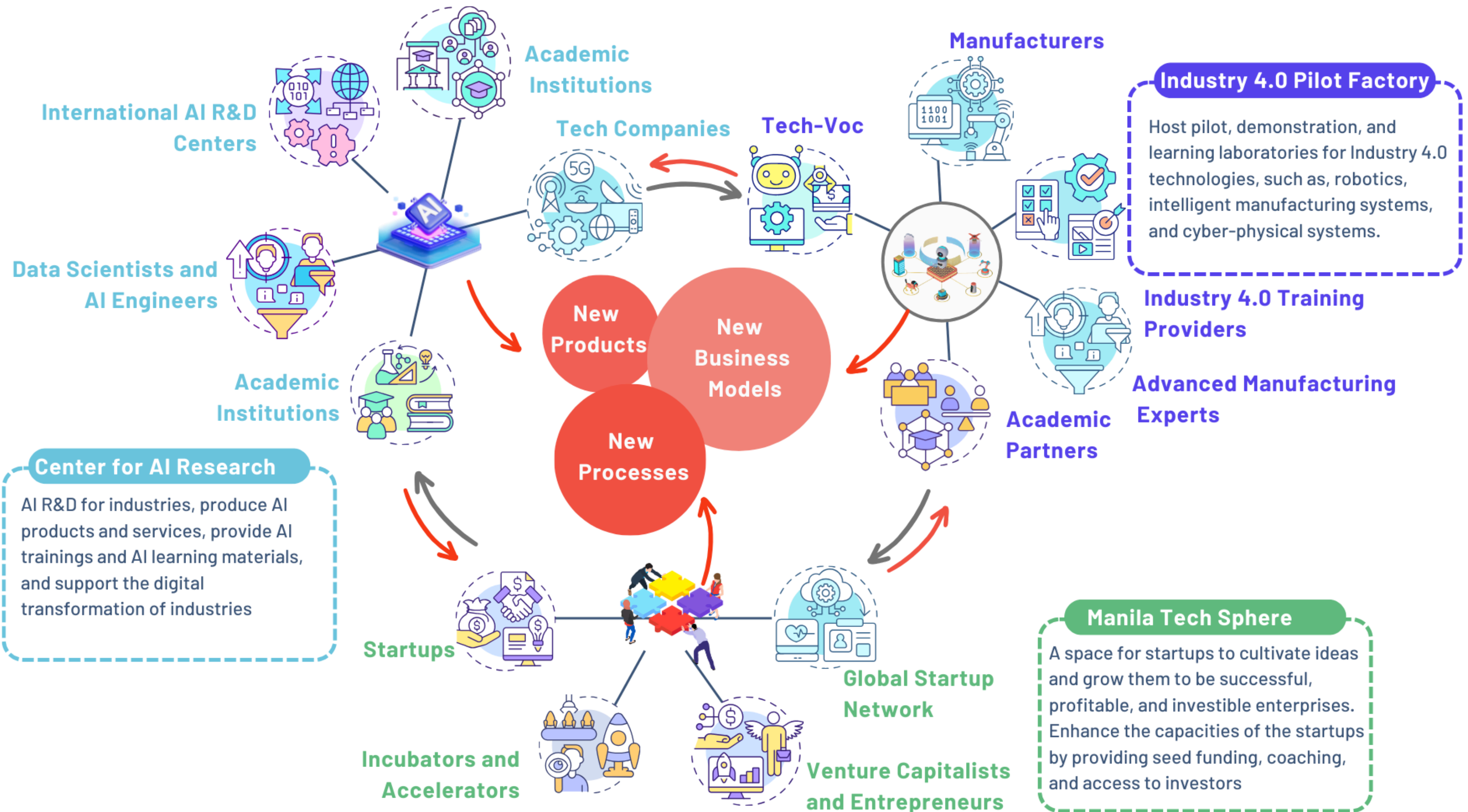


# NATIONAL STARTUP ACCELERATOR PROGRAM

Powered by **PLUGANDPLA**

- Accelerate the growth of local startups.
- Bridge the gap between startups and corporations.
- Attract investments to drive economic growth and technological advancement.
- Foster a vibrant and supportive startup ecosystem.
- Create cutting-edge technologies and disruptive business models.
- Realize the Philippines' potential as an emerging startup destination in Asia.
- Elevate the country's global competitiveness in innovation.





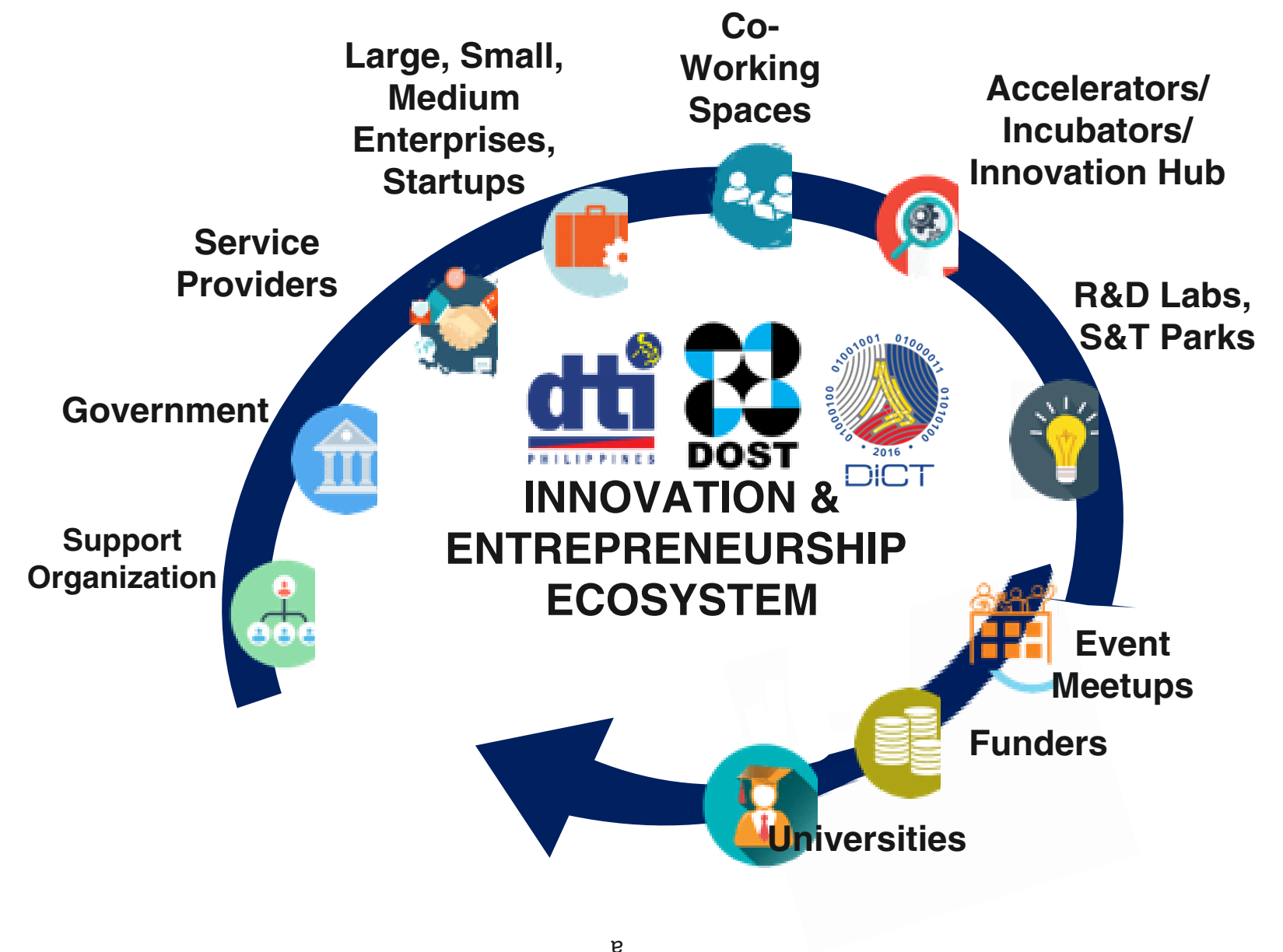


# Bridging Innovation and Entrepreneurship

## 13 Regional Inclusive Innovation Centers in 11 Regions

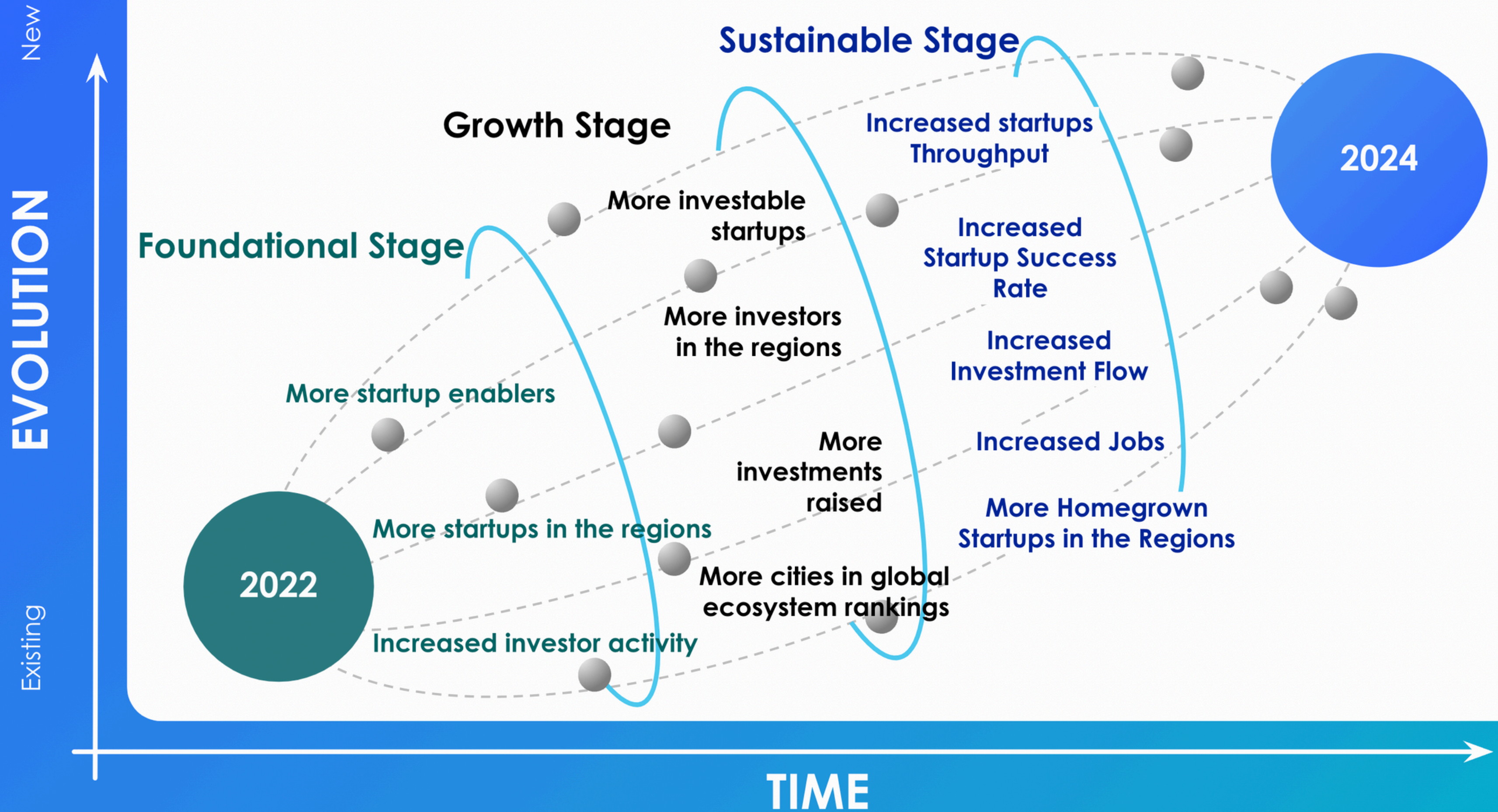
**S&T driven regional innovation system and commercialization of research based on collaboration**

- **ATTRACT:** Accelerators Towards Transformative Regional Advancement and Transcendence in Cordillera
- **SHINE Cagayan Valley:** Sustaining Harvest through Innovation & Nurturing Enterprises
- **THRIVE Central Luzon:** Technological Hive of Regional Innovation through a Vibrant Ecosystem
- **LINC Calabarzon:** Linking Innovation Networks for Competitiveness in Calabarzon
- **BRIDGE Bicol:** Building Resilience and Innovation to Drive Growth of Enterprises in Bicol
- **WEAVE Philippines:** Weaving Towards a Global Vibrant Ecosystem Region 6
- **Startup Island:** Cebu
- **INNOV8:** Region 8
- **Zampen Innohive:** Region 9 Zamboanga
- **ILIGANICE:** Innovation through Leveraging Industry, Government, Academe Networks and Inclusive Community Engagements in Region 10-Iligan
- **OROBEST:** Optimizing Regional Opportunities for Business Excellence through STI in Cagayan de Oro
- **Bukidnon PRIME:** Bukidnon Program for Research and Innovation towards Excellence
- **iSTRIKE Davao:** Davao Regional Inclusive Innovation Center



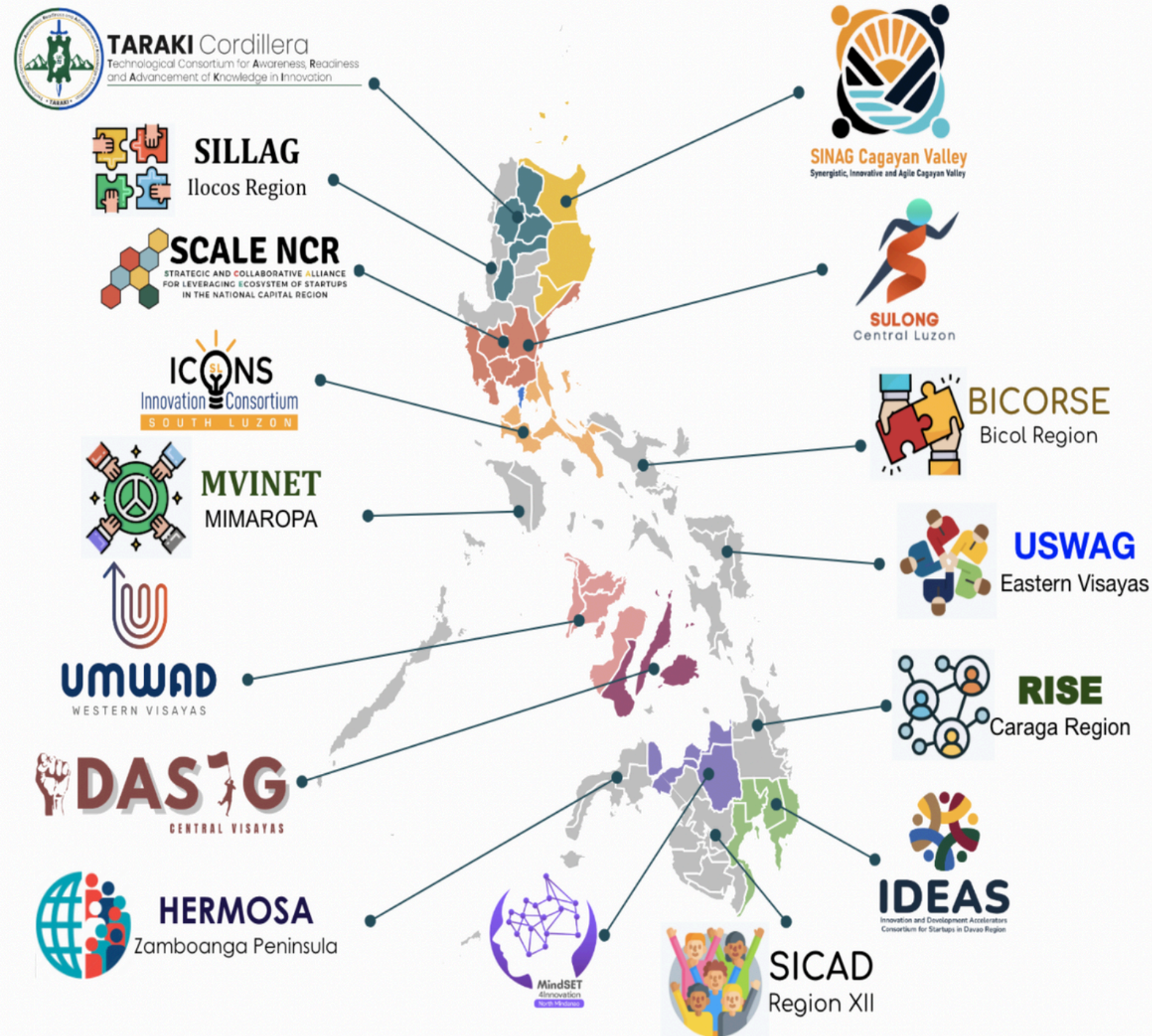


# The Startup Ecosystem Framework





# Objectives of ReSEED for the Regional Startup Ecosystems



## Track 1: Foundational Track (Year 1)

- Institutions/organizations onboarded
- Regional Startup Ecosystem Consortium formalized with organizational structure
- Startup Ecosystem Mapping conducted
- Regional events conducted
- Regional Startup Development Plan Developed
- Regional Development Council (RDC) Resolution Secured

## Track 2: Growth Track (Years 2 to 3)

### Year 2

- Partnership with an Accelerator Established
- Regional events conducted
- Provincial startup mapping activities conducted
- Linkage with Focal Organizations in less active provinces established
- Local investors engaged

### Year 3

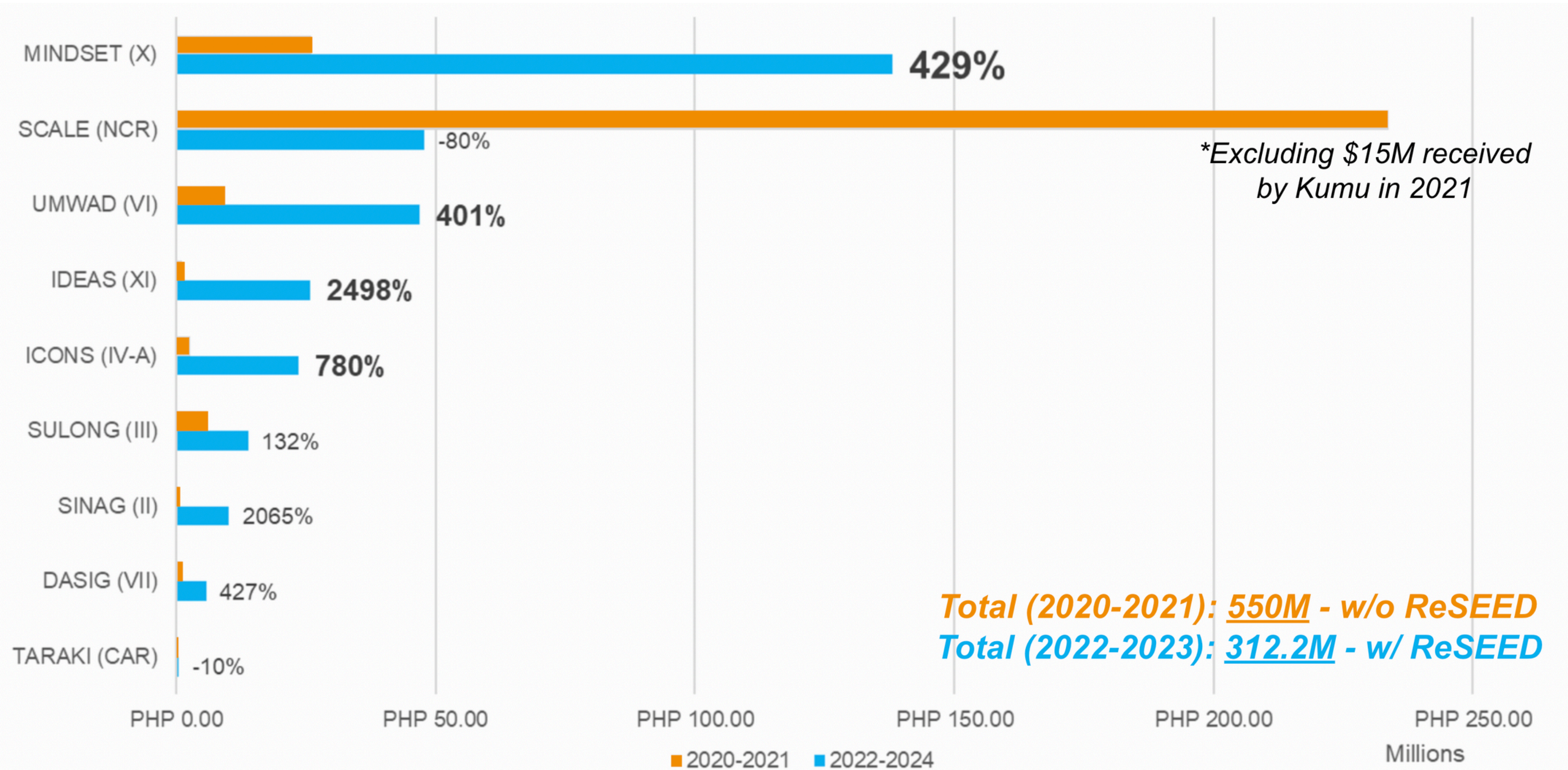
- Regional events conducted
- Local/city ordinance for startups and startup enablers established
- Regional Investor Group Established
- 5-year Regional Startup Development Roadmap Established
- Less active provinces with increased startup activities
- Startups Accelerated with a partner accelerator







# Impact of the ReSEED Program: Investments Received by Philippine Startups



# Initiatives of the Universities





# PLATFORM FOR INNOVATING SUCs FOR INDUSTRY 4.0 (PISI)

- Spearheaded by the Philippine Association of State Universities and Colleges (PASUC)
- Of the more than 2,000 HEIs in the Philippines, 114 are SUCs (more than 50% of the total population)
- Aggregate and capitalize intellectual capital of state universities and colleges
- Position the Philippines as a globally competitive leader in Industry 4.0





2020-2024

TBI PH



HAIRIT  
Higher Education Institution Readiness for Innovation and Technopreneurship

# KTTO: 12 Knowledge and Technology Transfer Offices TBI: 59 Technology Business Incubators Across the Philippines

Luzon

29 KTTOs



24 TBIs



Visayas

7 KTTOs



14 TBIs



Mindanao

6 KTTOs



11 TBIs





# TRAININGS PROVIDED BY THE TBIs



Pitching



Branding



Design Thinking



Proposal Writing



IP Protection



Technopreneurship



Accounting/  
Financials



Corporation/  
Registration



Team  
Development

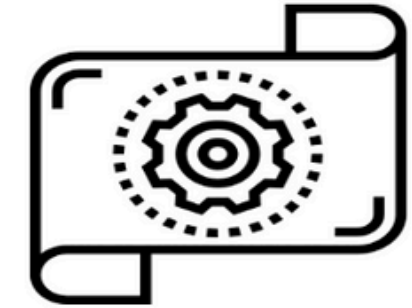


BUSINESS DEVELOPMENT

Business  
Development



Customer  
Discovery



Prototype  
Development



Marketing



Technology  
Validation



Project  
Management



Data  
Privacy



Negotiation/  
Investor Relation

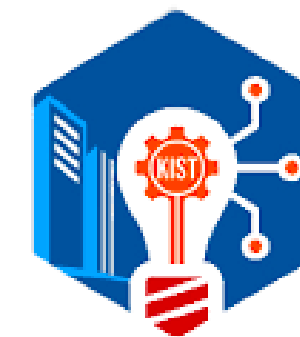


Laws/  
Contracts





# Pioneering the KIST Park Development at Batangas State University



**BatStateU KIST Park**

Knowledge, Innovation and Science Technology

BatStateU KIST Park is the first of its kind Special Economic Zone through Proclamation No. 947 last May 22, 2020 under the Philippine Economic Zone Authority (PEZA)



# Private Sector Support





# 15

New Partner  
Private  
Accelerators of  
the PH Startup  
Ecosystem





# Investor Partners



**Engr. Elpidio Paras**

President & Chief Executive  
Officer at Parasat Cable TV, Inc.



**Matthew Kolins**

Holding Senior Positions at  
LLK Partners,



**Leopoldo Molinos**

Executive Director, Fil Chi  
Chamber of Lanao



**Henry Chong**

Kaya Founders



**Joseph De Leon**

Manila Angel Investors  
Network (MAIN)



**Simon Bauer**

Founders Launchpad



**Warlito Guerra**

Tremonte Group, Inc.



Provided investment to  
2 startups of MC TBI



**Dr. Gustillo from Bacolod**  
provided **P1.5M investment**  
to Ayo Biomed Tech Inc.  
(TUPV Hive incubatee)

**accenture**

Provided **P300,000 investment** to AIMHI  
(iDEAS DAVAO)



Provided **P6.7M investment**  
to WELA (CDO bites & QBO  
incubatee)



Provided **P100,000 investment** to MoM  
(BULSU incubatee)



**IdeaSpace**  
FOUNDATION

Provided **P1M investment**  
to WELA (CDO bites &  
QBO incubatee)

**CEO Valley** provided  
**P1M** to clinic+, an  
incubatee of iDEAS  
DAVAO



**Powermac** provided  
**P900,000 investment**  
to Raketeer (MC  
incubatee)



**iLED Foundation**  
provided **P250,000 investment** to Mulave  
Foundation (WVSU  
incubatee)



**EAST-WEST SEED**  
Provided **P100,000 investment** to  
Alipugpug Tech  
(UM incubatee)

**Private individual**

provided **P23.6M** (OBXS  
P12M, Virtualahan 7M, and  
AIMHI) (iDEAS DAVAO)

**From PRIVATE/  
CONFIDENTIAL  
INVESTORS**

**provided  
investments to TBI  
incubatees  
amounting to**

**P779M**





# Opportunities







# UNLOCKING FILIPINNOVATION

Passage of **Republic Act No. 11293** or the **Philippine Innovation Act** on 17 April 2019

*Adopts innovation as a vital component of the country's development policies to drive inclusive development.*

*Promotes growth and national competitiveness of MSMEs.*





# NATIONAL INNOVATION COUNCIL

The National Innovation Council (NIC) is a 25-member council that will steer the whole-of-government coordination and collaboration, and remove the fragmentation in innovation governance.

## **Chairperson**

President of the Philippines

## **Vice-Chairperson**

Secretary of the NEDA

## **16 Ex-officio Members**

DOST, DTI, DA, DENR, DOH, DOTR, DOE, DND, DICT, CHED, DBM, DILG, DepEd, DFA, DOLE, IOPOPHL

## **7 Executive Members**

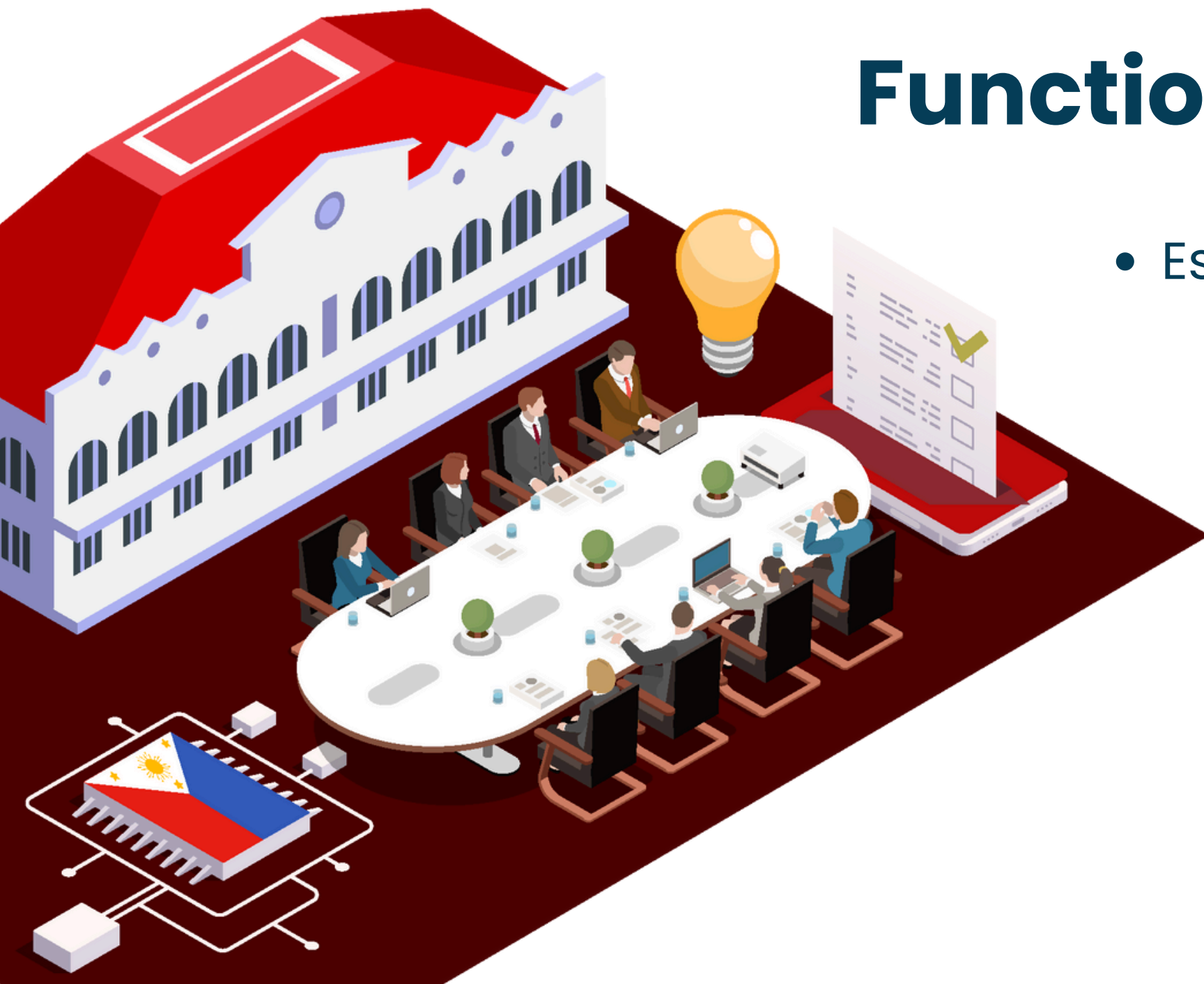
from the ranks of businesses (large enterprises), entrepreneurs (MSMEs), academe, and scientific community



# NATIONAL INNOVATION COUNCIL

## Functions and Mandate

- Establish and administer the Innovation Fund
- Develop the country's strategic vision for innovation and long-term innovation goals and priorities
- Develop the National Innovation Agenda and Strategy Document (NIASD)





# **NATIONAL INNOVATION AGENDA AND STRATEGY DOCUMENT** (NIASD 2023-2032)





# DTI x ADB: Promoting Industrial Sustainability and Transformation through Innovation and Entrepreneurship (PRISTINE) Project

## Strengthen innovation, startup, Industry 4.0 ecosystem

- **Develop** industry transformation maps for priority sectors
- **Strengthen startup incubation and acceleration** ecosystem
- **Support new technologies** adoption/adaptation in key industries

## Establish industrial transformation and green transition

- **Establish** the DTI **National Innovation Gateway** housing advanced technology centers
- **Establish** Regional Innovation hubs that will feature **renewable energy, smart technologies** for **resilience, agriculture, e-mobility**, etc.

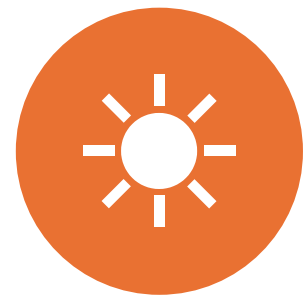
## Enhance institutional capacity for innovation

- **Strengthen** the institutional capacity of DTI and select STI institutions
- **Develop** talent pool in **industry 4.0 training and assessment, startup eco- system operation, and S&T Parks management**



# **PRISTINE:**

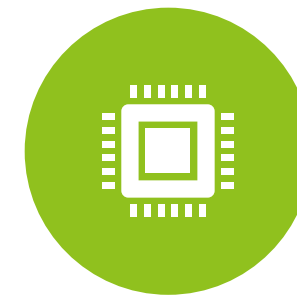
## **Priority Industries and Focus Sectors**



Renewable energy



Agriculture and  
agro-industry



Semiconductor and  
electronics



Electric vehicle and  
autonomous vehicle



Artificial intelligence  
and ICT



Health and  
Pharmaceutical



# Accelerating the Development of S&T Parks: Cultivating Innovation, Collaboration, and Industrial Transformation and Discovering the Country's Future Industry Breakthroughs



**Batangas State University:** semiconductor, smart manufacturing and tech, engineering education



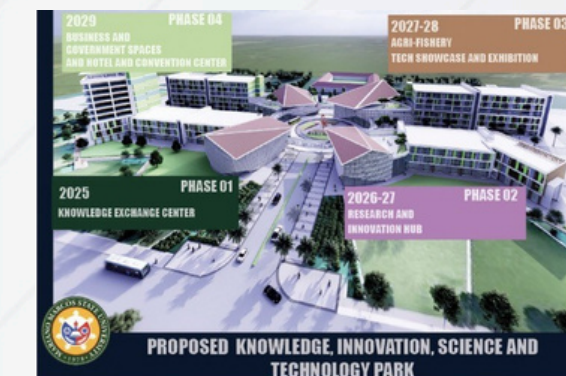
**University of Science and Technology of Southern Philippines :** RE, renewable materials, agri processing, semiconductor, microelectronic device



**DTI National Innovation Gateway**  
Metro Manila



**University of the Philippines:** RE, EV, health tec, pharma, AI, supercomputing, agritech



**Mariano Marcos State University:** RE, climate/green tech, food tech, agriculture, tourism, creatives, tourism



# NATIONAL INNOVATION GATEWAY



The permanent space for the Industry 4.0 Pilot Factory and the Center for Artificial Intelligence Research (CAIR);



An SME innovation academy;



Startups, financial intermediaries, enterprise tenants;



Academic and think tanks space for forward-thinking education and tech policies; and a



One-stop government solutions for businesses and investors.







# THANK YOU

Let us INNOVATE and  
COLLABORATE!

