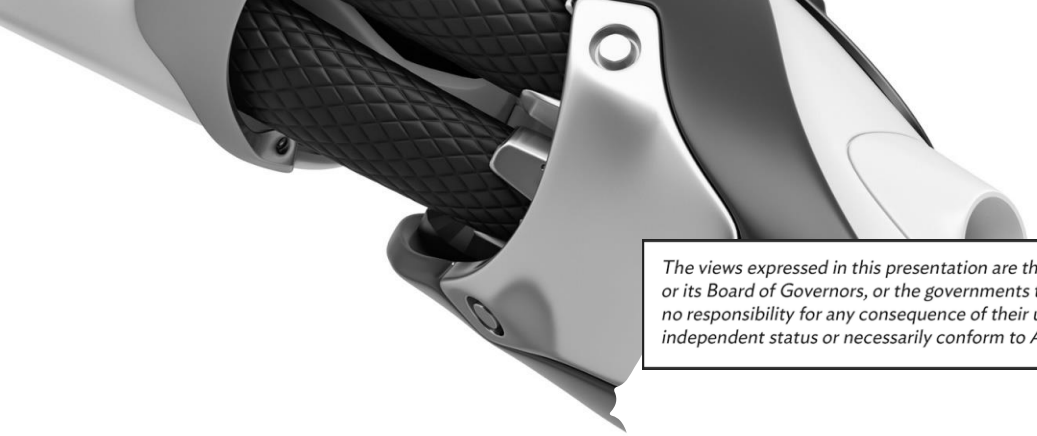


Scaling Research and Innovation Eco-system:

Projects in SEA countries

DEVELOPMENT CONTEXT

Avoiding middle income trap

Demographic dividend or liability OR aging workforce

Diverging inequalities and quality / relevance issues

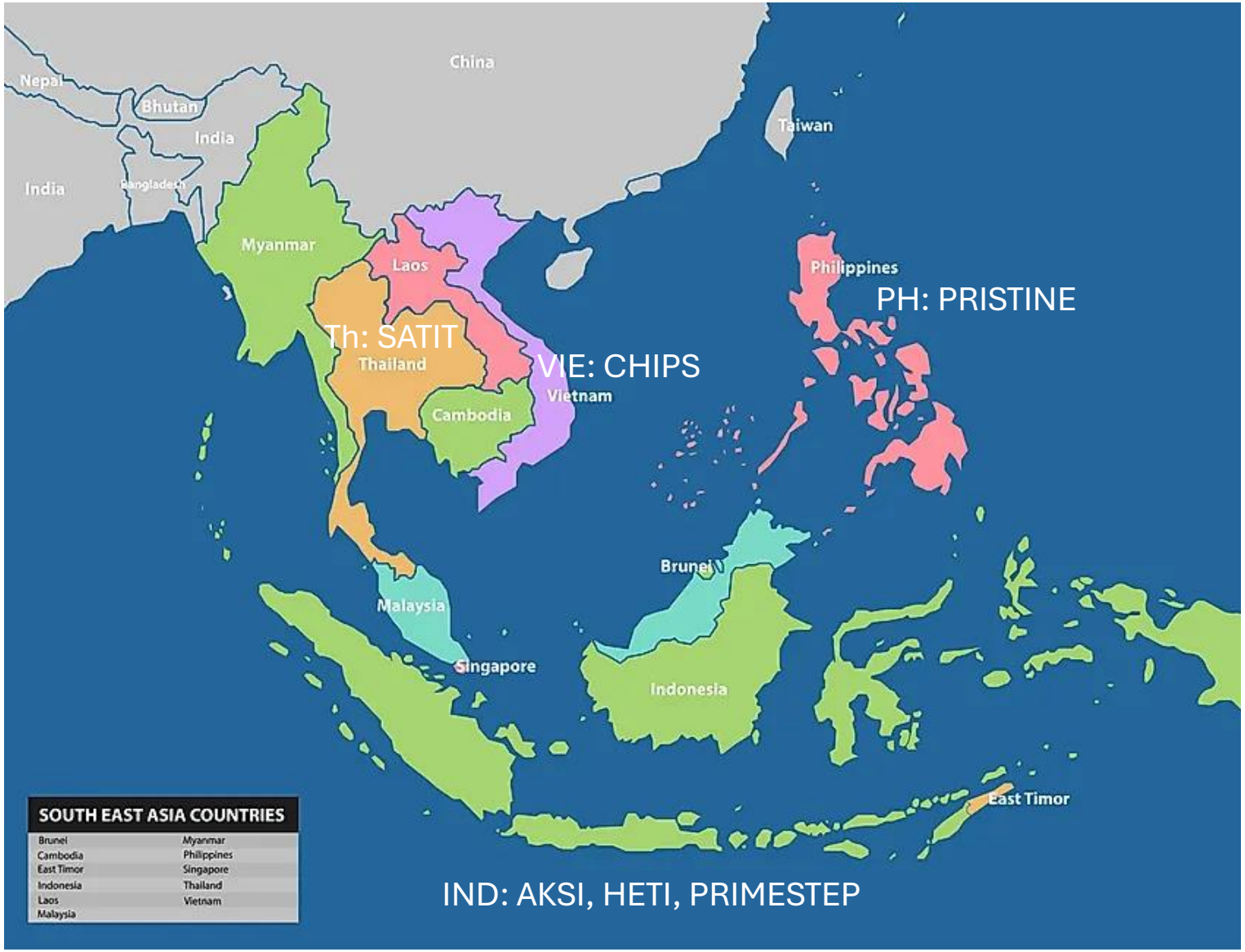
Post-pandemic recovery / Education Scarring and School Dropout

Attention to human capital development investment

Emerging issues:

- Climate change
- Digital Transformation
- Security (Food, Chips, Supply Chain)

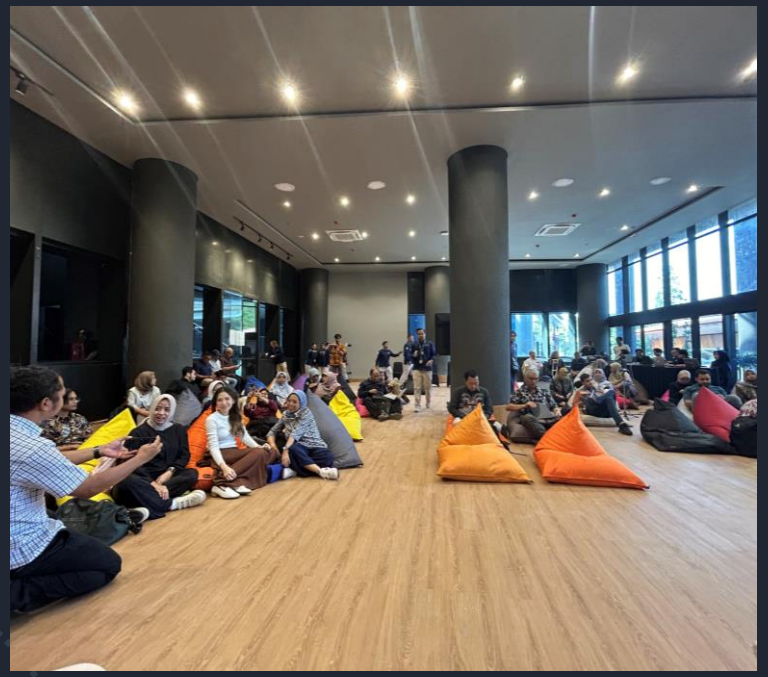
Projects in SEA Region



Indonesia

Higher Education for Technology and Innovation (HETI) Project 52332-001

- Total investment is $94.0 million ($79.5/$14.5m)
- Main Project Interventions
  - Improving quality of teaching-learning and research facilities in the Sepuluh Nopember Institute Technology (ITS) in Surabaya
    I. four new innovation centers (automotive, creative industry, maritime, IT/robotics)
    II. an academic building with classrooms and laboratories
    III. a cultural and language center to support ITS internationalization
  - Improving quality of medical education and research capacity of the University of Lampung
    I. Five Laboratories established to support research in tropical med, biomolecular, genetic & degenerative diseases, pathology & toxicology, nutrition, and clinical trials and diagnostic trial
    II. Teaching hospital
  - strengthen teaching faculties' quality and expand partnerships with industry and the private sector



PRIME-STeP

- ADB Financing: US$138.52m
- Support four universities in improving their STPs (Universitas Indonesia (UI), Institut Teknologi Bandung (ITB), Institut Pertanian Bogor (IPB), and Universitas Gadjah Mada (UGM)
- Advanced engineering, advance healthcare devices, renewal energy, food tech, bio science, pharmaceutical, smart technology, and digital connectivity
- R&D, Innovation and Technology adoption and adaptation
- Effective Feb 2023

Philippines: Promoting Industrial Sustainability through Innovation and Entrepreneurship (PRISTINE)

Rationale: **Alignment with Government Strategy**

Implementation of

Innovative Startup Act (July 2018),

and

Philippine Innovation Act

(April 2019)

National Innovation Council

(2019)

PDP 2023-2028:

Chapter 6: Revitalizing Industries through Science, Technology and Innovation Driven Industrialization

Chapter 8: Advance R&D, Technology, and Innovation

Guided by the National Innovation Agenda and Strategy Document (NIASD) 2023-2032 approved by the National Innovation Council.

(September 2023)

INNOVATION GOVERNANCE

for a Dynamic Innovation Ecosystem

INNOVATION POLICY

refer to rules and regulations that protect intellectual property, allow time-sharing and resource-sharing, respect the sanctity of contracts, enforce contractual obligations, and such other rules and regulations that enable innovation actors to work together and be engaged in innovation activities; at the same time, there are policies to promote trust among consumers to try out new products, processes and services;

INNOVATION PROGRAMS

build the capabilities of intellectual property-enabled innovation actors and provide opportunities for co-creation and collaboration;

INNOVATION INFRASTRUCTURE

provides the physical and digital structure, equipment and tools necessary to translate ideas into prototypes, or sample products, processes and services that can be tested.

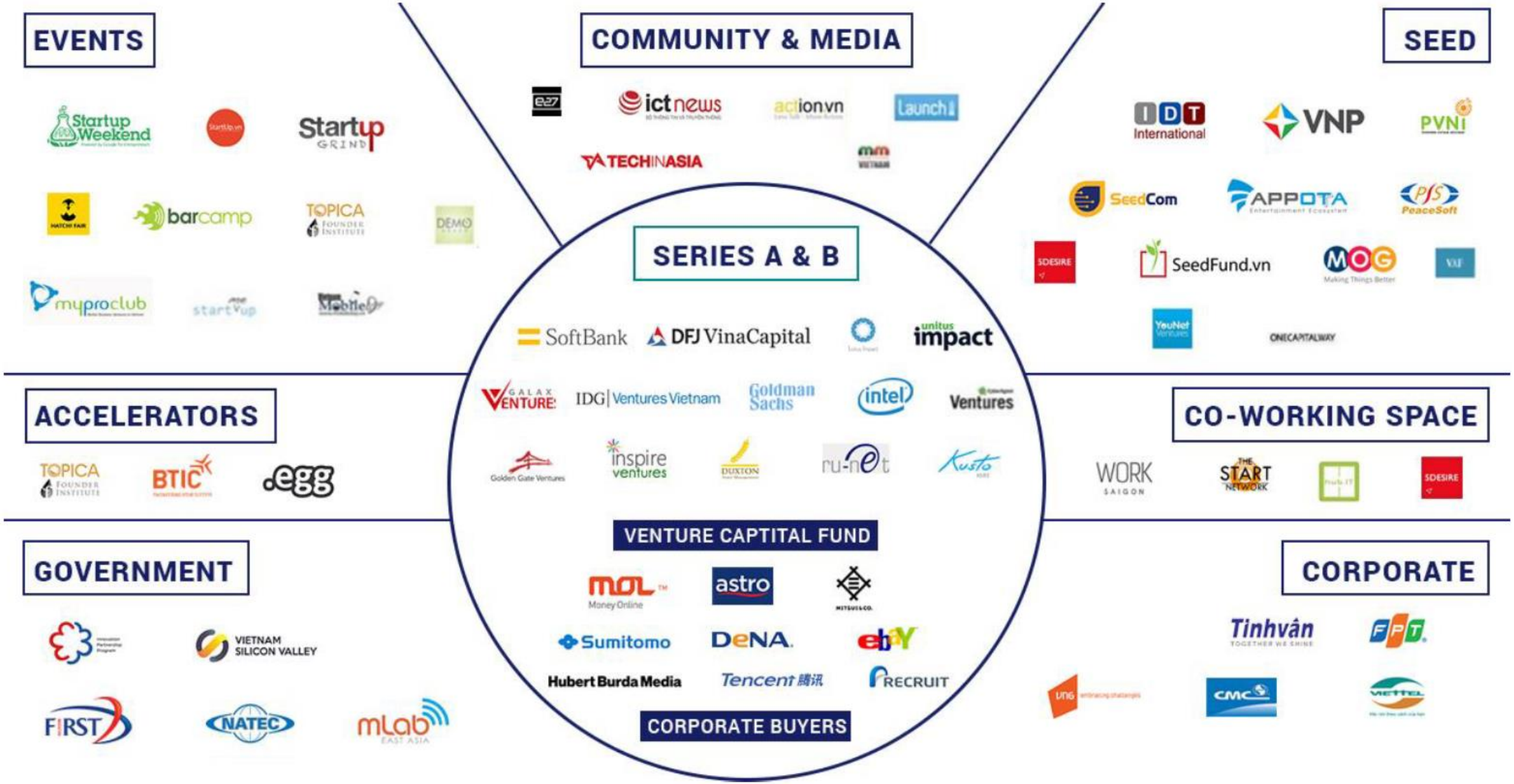
INNOVATION FINANCING

provides the resources and funds necessary for the various innovation activities, including the seed money and incentives to leverage funding for the commercialization of the innovative products, processes and services.

Vietnam

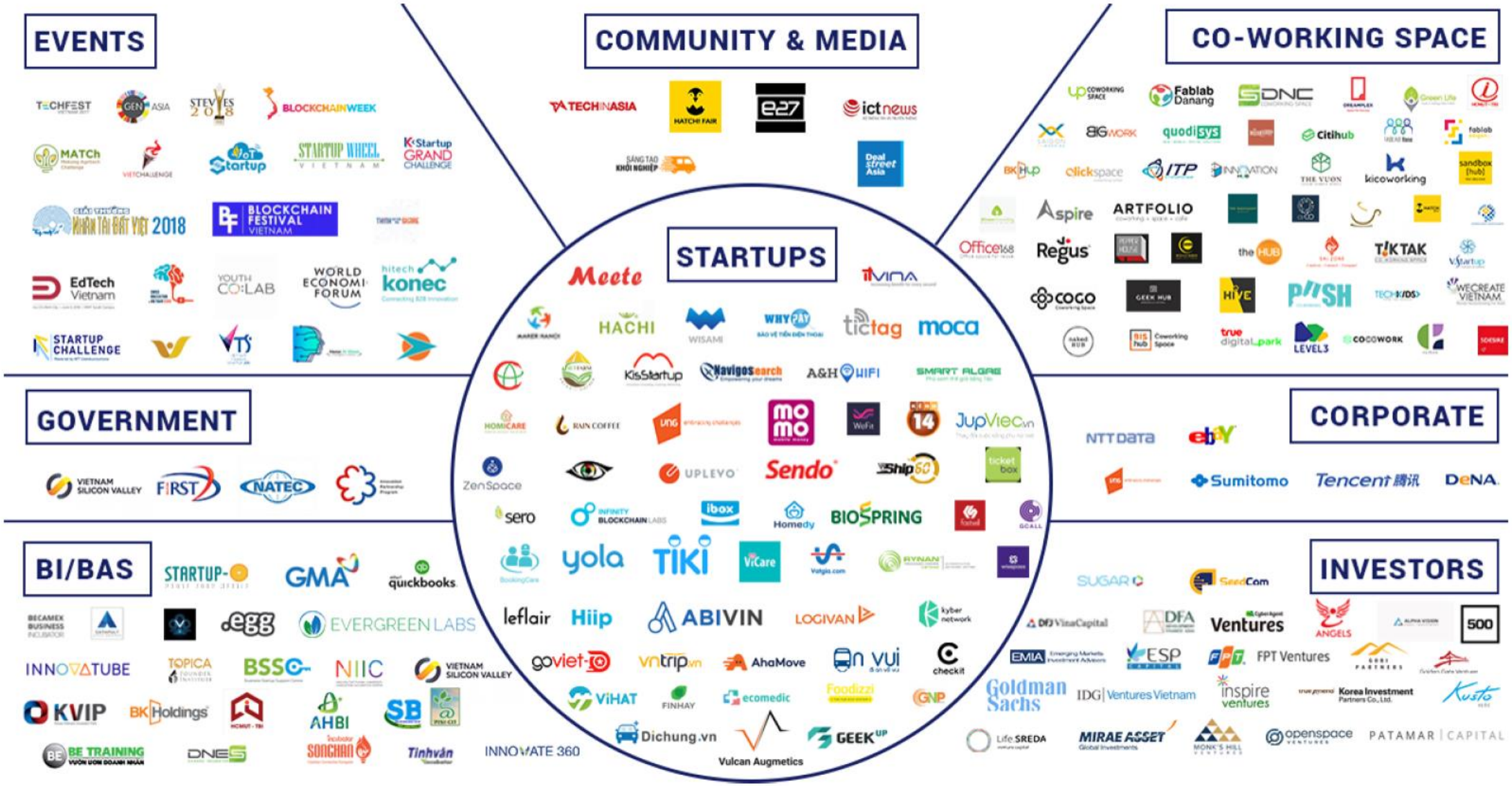
VIETNAM INNOVATIVE STARTUP ECOSYSTEM IN 2016

Hệ sinh thái Khởi nghiệp ĐMST Việt Nam năm 2016



VIETNAM INNOVATIVE STARTUP ECOSYSTEM IN 2022

Hệ sinh thái Khởi nghiệp ĐMST Việt Nam năm 2022



FOCUS ON FINDING AND RESOLVING CHALLENGES, FORWARD TO SDGs

Tập trung tìm và giải quyết thách thức hướng phát triển bền vững

ENHANCE AND DISSEMINATE THE VOICE OF YOUNG PEOPLE

Nâng cao và lan tỏa tiếng nói của giới trẻ

RECOMMENDATIONS, POLICY PROPOSALS AND CONSULTATION WITH CORPORATIONS

Kiến nghị, đề xuất và tham mưu chính sách với tập đoàn

100	50	+3,000	+100	+ 20	+200
Big Corporations	Universities, institutes	Startups	Domestic and foreign speakers	Countries/ Embassies	Press/KOL/KOC

VIETNAM INNOVATION STARTUP ECOSYSTEM GATHERING

Quy tụ hệ sinh thái khởi nghiệp sáng tạo Việt Nam

DOMESTIC AND FOREIGN INVESTMENT CONNECTION

Kết nối đầu tư trong nước và quốc tế

MECHANISM AND POLICY DIALOGUE

Đối thoại cơ chế, chính sách

34	2.5 millions	+1,400	+800	+ 450	+700
Technology villages	Total offline and online views	Startups	Domestic and foreign speakers	Investors	Press

Thailand

THAILAND REGIONAL SCIENCE PARKs

SUPPORTED BY MHESI

14 NORTHERN SCIENCE PARK

14 NETWORK UNIVERSITIES

7 FOUNDERS + 7 NEW

Chiang Mai University
Maejo University
University of Phayao
Naresuan University
Pibulsongkram Rajabhat University
Uttaradit Rajabhat University
Chiang Mai Rajabhat University
Chiang Rai Rajabhat University
Lampang Rajabhat University
Phetchabun Rajabhat University
Kamphaeng Phet Rajabhat University
Nakhon Sawan Rajabhat University
Rajamangala University of Tehcnology Lanna

9 NORTHEASTERN SCIENCE PARK

9 NETWORK UNIVERSITIES

2 FOUNDERS + 7 NEW

Khon Kaen University
Mahasarakham University
Kalasin University
Nakhon Phanom University
Rajabhat Maha Sarakham University
Udon Thani Rajabhat University
Loei Rajabhat University
Sakon Nakhon Rajabhat University
Roi Et Rajabhat University

2 CENTRAL&EAST

Burapha University
King Mongkut's University of technology Thonburi

9 LOWER NORTHEASTERN SCIENCE PARK

9 NETWORK UNIVERSITIES

2 FOUNDERS + 7 NEW

Suranaree University of Technology
Ubon Ratchathani University
Ubon Ratchathani Rajabhat University
Buriram Rajabhat University
Nakhonratchasima Rajabhat University
Chaiyaphum Rajabhat University
Surindra Rajabhat University
Rajamangala University of Tehcnology isan

10 SOUTHERN SCIENCE PARK

10 NETWORK UNIVERSITIES

3 FOUNDERS + 7 NEW

Prince of Songkla University
Walailak University
Taksin University
Suratthani Rajabhat University
Phuket Rajabhat University
Songkhla Rajabhat University
Yala Rajabhat University
Prince of Naradhiwas University
Nakhon Si Thammarat Rajabhat University
Rajamangala University of Technology Srivijaya

FOUNDERS

16

NETWORK UNIVERSITIES

EXPANSION

44

NETWORK UNIVERSITIES