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DKST

DIREKTORAT KAWASAN SAINS DAN TEKNOLOGI

Directorate for *Science and Technology* Park
Institute Technology Bandung

ITB Innovation Park

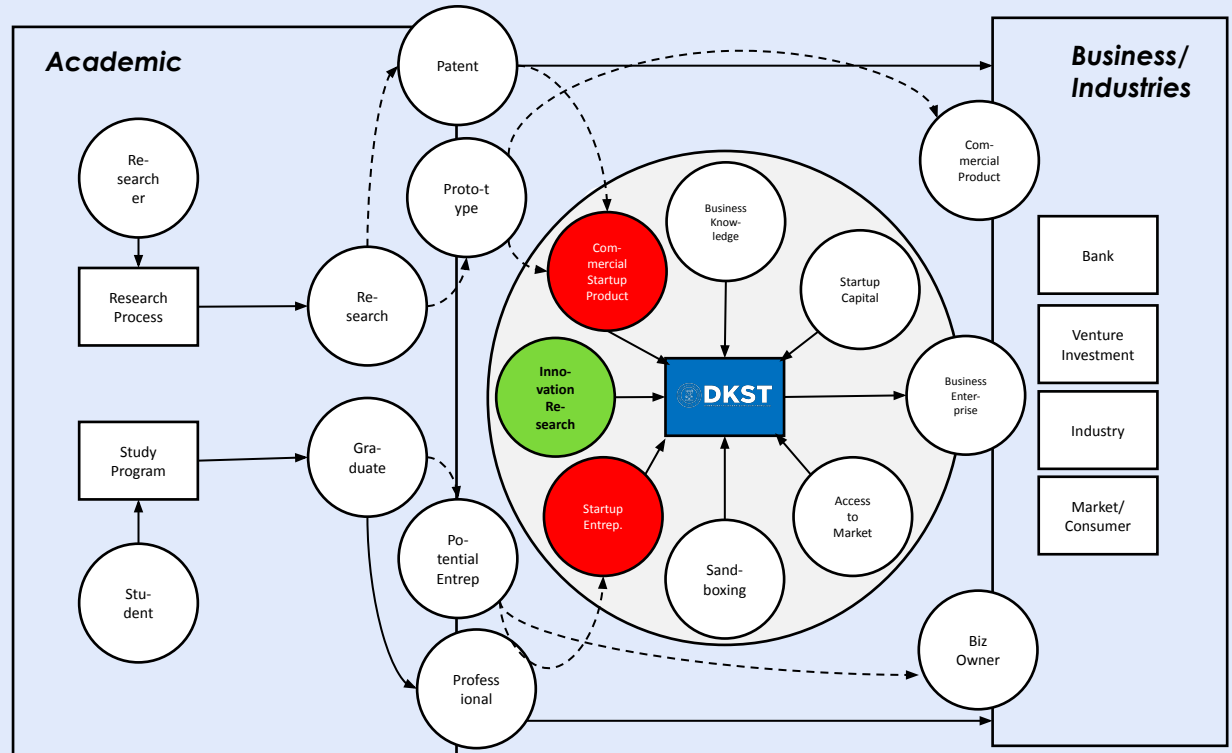


DKST

DIREKTORAT KAWASAN SAINS DAN TEKNOLOGI

ITB Innovation Park (DKST) is a **hub** at ITB for R&D, serving as a co-creation facility for industry, government, and the university - to solve real-world problems through **superior scientific culture** activities.

DKST offers an innovation ecosystem aimed at enhancing technology commercialization and accelerating startup creation to improve the well-being and competitiveness of all stakeholders involved.



ITB Innovation Park is divided into **2 areas** ITB Innovation Park Ganesha and ITB Innovation Park Technopolis



653 *Collaboration Program*
Accumulated 2023

1143 *IPR*
Accumulated 2023

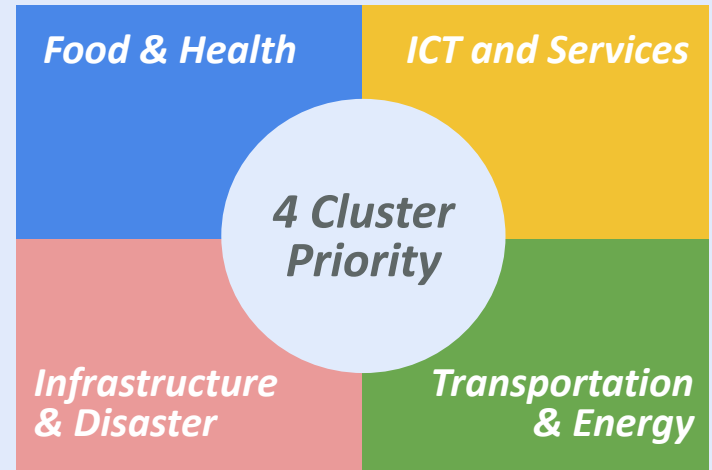
29 *IP Licensed*
Accumulated 2023

614 *Patents Registered*
Accumulated Sep '24

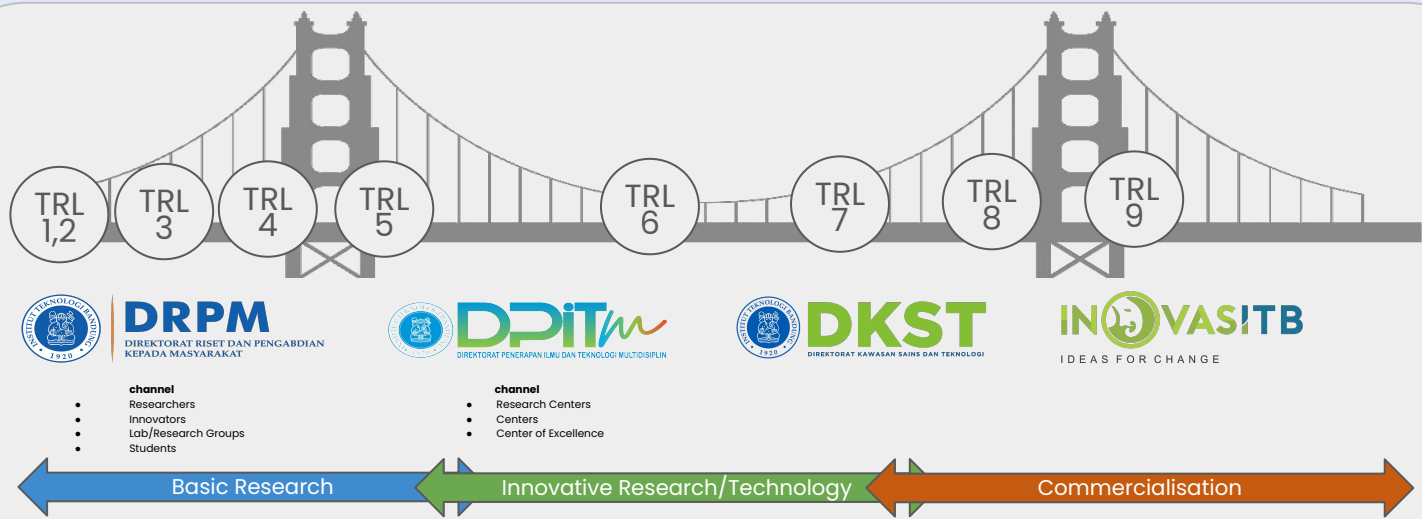
164 *Patents Granted*
Accumulated Sep '24

271 *Incubatees*
Accumulated Sep '24

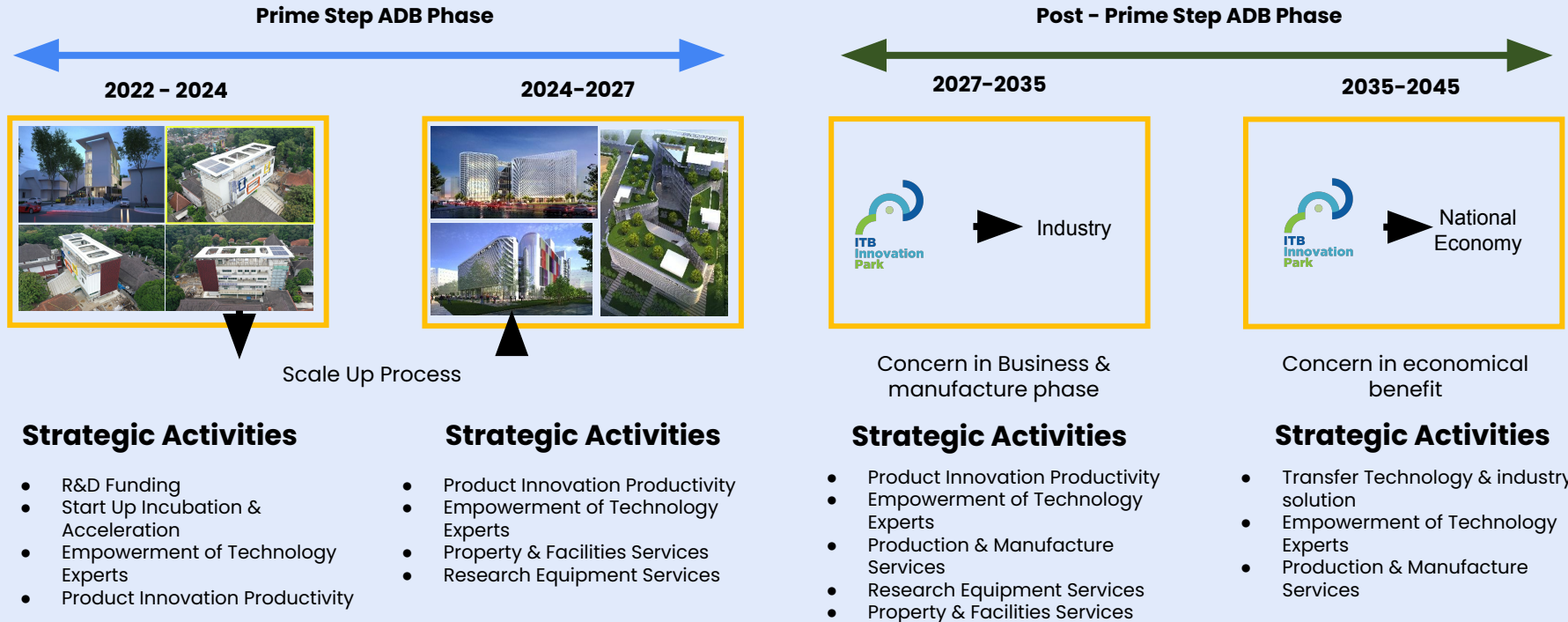
18 *Accelerated* **7%**
PRIME STeP (2023-2024)



ITB Innovation Ecosystem | Interconnected & Coordinated



ITB Innovation Park | Activity STP to Enhance Economy by Technology Driven



ITB Innovation Park | Roadmap Development

2021-2023

2023-2024

2025

Infrastructure & Facilities
Establishment, Development

Strengthening in Technology
Innovation Commercialization

Entrepreneurship & Networking
Strengthening

International Science
Technopark

Supporting Infrastructures



ITB Innovation Park Ganesha
Operated in 2022



ITB Innovation Park Bandung
Technopolis
*MYC SBSN Funding 2021-2023
569 Billion Rupiah*

Supporting Programs

PHLN ADB

Development Component

Institutional & Networking
Strengthening, Scholarship

Improvement of R&D and
Innovation Facilities

Improvement of Innovation
System and Strategic R&D
Partnership at STP

Draft Budget

USD 3,145,064

Innovation Equipment

- IIP Ganesha :
USD 7,381,605
- IIP Bandung Technopolis :
USD 7,258,916

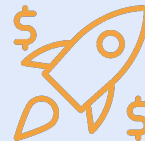
USD 5,256,250

DKST ITB: 3 Main Function



Innovation & Technology Implementation

Access to funding and administrative management to improve the quality of basic research into productive research with TRL > 5. DKST ITB manages a number of annual and multi-years funding and research programs from both internal and external parties



Entrepreneurship and Business Incubation

Pre-incubation and Business Incubation Programs for technology-based business from ideation, prototype, to ready for spinoff. Our programs include: Business Idea Generation (hackathon), Internship, TOP/PTC, Startup Grants, Business Planning, Business Competition, Business Matching with services: Consulting, Mentoring, Business and Legal Assistance, Access to Funding and Investors, Co-working Space



Technology Transfer, Acceleration, and Business Development

Downstream strategy is a key component, we focus on activities that have the greatest impact for end users or consumers in the value chain, using: Patent License, Joint Operation, Joint Ventures, and Development of Innovation-Based Startup. The programs encompass intellectual property management and protection, alongside support for the commercialization of innovative research products. Additionally, We offer acceleration initiatives such as co-branding and coaching programs.

Strategy | Commercialization of Innovative Product

1. LICENSING: Treating Diesel dan Naftha
ITB – Pertamina



Patent License

Joint Operation

2. Joint Operation: NIVA (Non Invasive Vascular Analyzer)
ITB – PT SNCP



Downstream Strategy

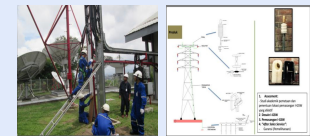
3. JOINT VENTURE (JV): Katalis Merah Putih (3 Patent) untuk produksi Biofuel
ITB-Kujang-Pertamina



Joint Venture























Innovation Based Startup

4. STARTUP: Isolated Ground Shield Wire – Medium Voltage – Distribution Tower
ITB – PT Rekapta Inovasi ITB (RII) – TDE

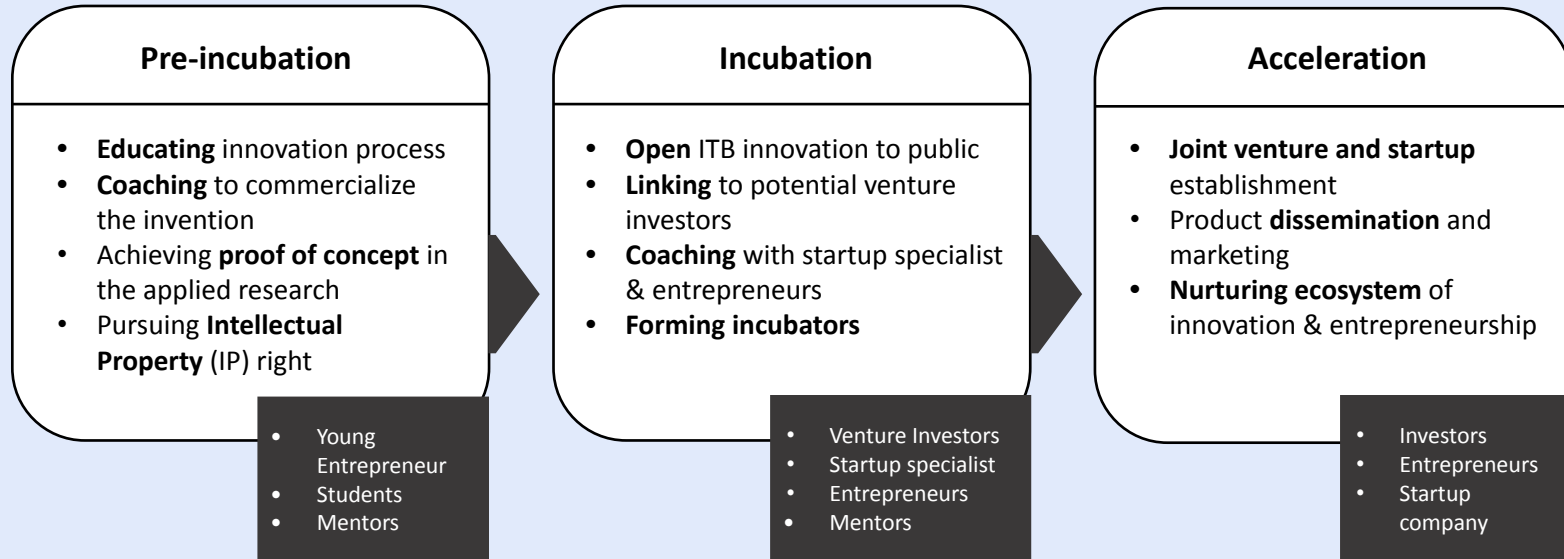


Innovation Research Program

Research Program Managed by DKST

	Research in Motion /RIM - Blackberry		Riset Inovatif Produktif Kompetisi	Riset Inovatif Produktif Invitasi	Riset Konsorsium Covid-19		Matching Fund	Riset Penguatan Inovasi	
	Facebook	PPTI	PPBT/CPPBT	Inovasi PT di Industri	Penguatan Sentra KI		Riset ESDM		Riset Kemenhub
	Krakatau Steel		Appcelerate		PT. KAI		PT. SCNP		PT. Charoen Pokphand Indonesia
	PT. Pindad		Riset BDPKS		PT. Kalbe Farma		PT. Adaro Tirta Mandiri		Transform Fund Call for Innovation 2021
	Hyundai		Mitsubishi Hitachi Power Systems		SHERA		RAEng		IMPACT-MIRA

Startup Development Model



Startup Criteria

Pre-Incubation

in

1. ITB's students/alumni/civitas academica of ITB or their team from other university
2. Have a clear idea for a business, commercialization desire, or have an active business underway
3. $IRL \leq 2$ ($SRL = 1$)
4. Have a serious commitment to building a scalable product or service with a significant total addressable market and defensible growth model

Incubation Phase

out in

1. Consists of minimum 3 person of C-level, with 1 or more have to be "civitas akademika" ITB
2. Demonstrate a profitable and growing business plan
3. $IRL \leq 4$ ($SRL \geq 5$)
4. Applied-Technology Product
5. Have a serious commitment to building a scalable product or service with a significant total addressable market and defensible growth model

out in

1. Completed The Business Incubation Program with minimum 80% of participation and assignments
2. $IRL \geq 6$ ($SRL \geq 7$)
3. Product Market Fit $\geq 80\%$
4. Company Size ≥ 10 people (exclude C-level and Founder/Co-Founder)
5. IPR Registered
6. Legal Entity (PT or CV)
7. Validated Business Model and Plan
8. Demonstrating traction ($\geq 70\%$ After-Incubation Traction achieved)



Co-Creation with Holding Company ITB



Research & Innovation

- *Research Center – Multidisciplinary Expert*
- *Patent, Design Industry, Copy Right*
- *KJPP – Assessment Valuation*

- *Product development / Market*
- *Commercial*
- *Operational*

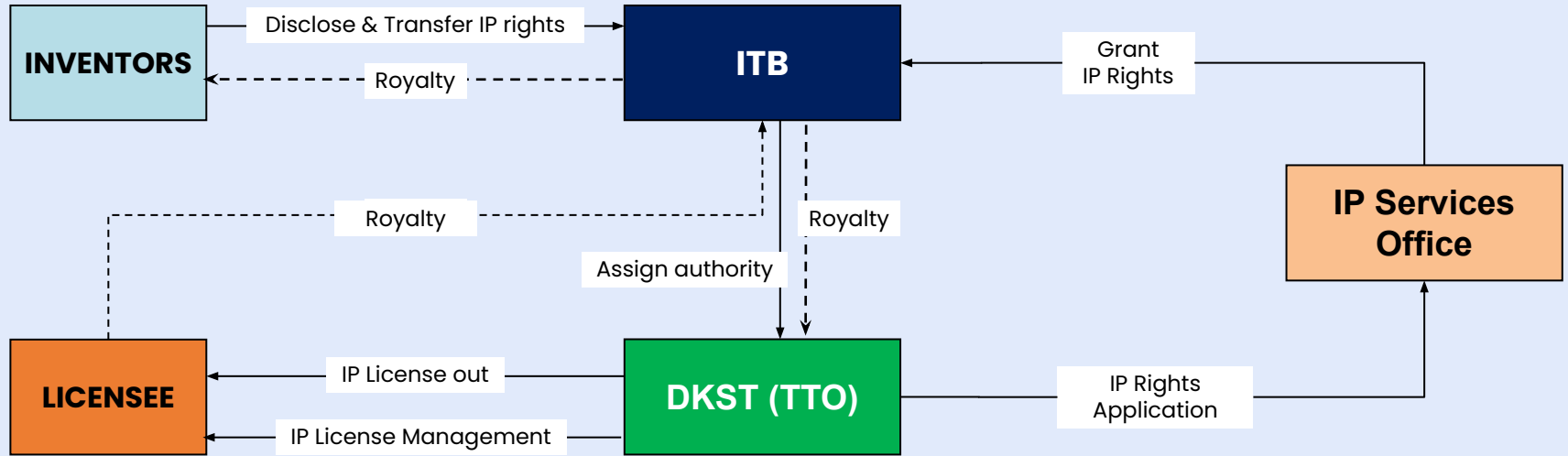
- **Industry**
- **Incubator**
- **Accelerator**

**Operation
Cooperation / Joint
Venture / Sprint Out**

- *Seed Capital*
- *Sponsorship*
- *Other Strategic Support*

- **Venture**
- **Capital**
- **Partners**

Licensing Process Flow



Facilities



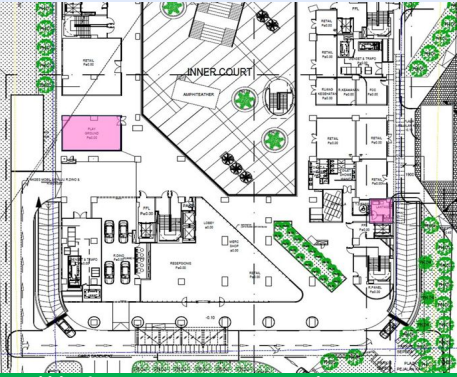
Innovation Showcase



Meeting Room



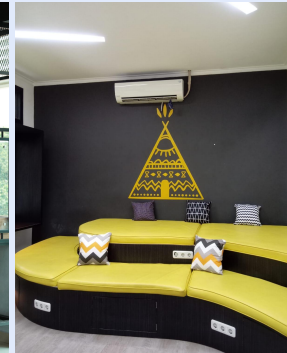
Function Hall



Facilities for women, mothers, and children at ITB Innovation Park Technopolis

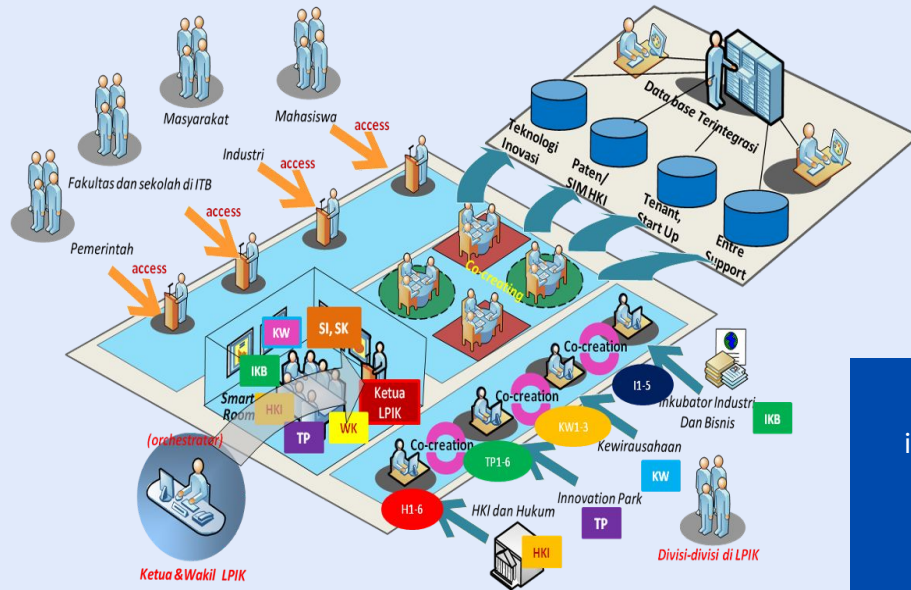


Coworking Space



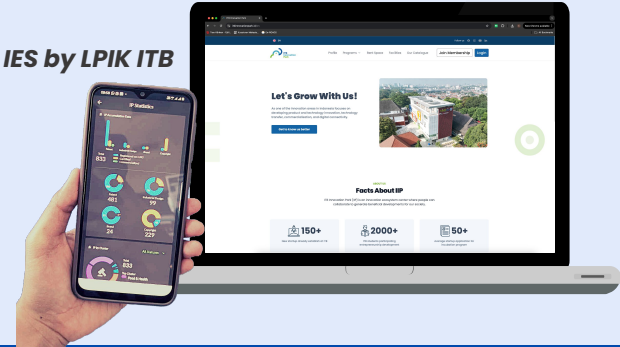
IES | Innovation & Entrepreneurship System

VIRTUAL INNOVATION PARK



itbinnovationpark.id

IES by LPIK ITB



Innovation Entrepreneurship System (IES) is a co-creation platform between stakeholders that can be used as a virtual innovation park. Each stakeholder can create value with appropriate resource facilities supports

Collaborative Featured Program



Partners & Startup Portfolio

Industry Collaboration & Partnerships



Startup Alumni



Funded Accelerated Startup in PRIME Step



Thank You

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