

Unlocking Commercial Potential & Boost Innovation in ASEAN

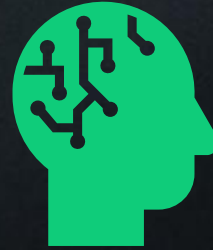
Patsnap's Perspectives on enabling ASEAN
IP Data Value through AI



- 3 key topics for today's agenda



**Increasing Value of ASEAN
Patent Data**



**Patsnap Capabilities to
Unlock Value for ASEAN**



**Success Stories and Potential
Implication to ASEAN**

○ Increasing Value of ASEAN Patent Data



Why do we believe that ASEAN can be a global Innovation Hub?



Why do we need the ASEAN Patent data at this point?



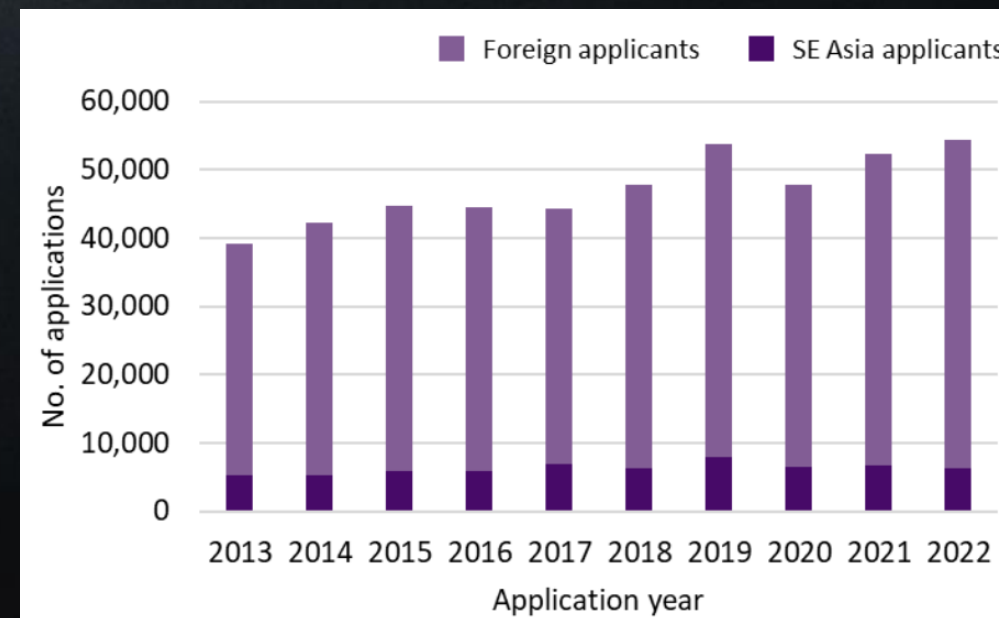
- The rising ASEAN economy is generating massive data, but still waiting to unlock the potential values for innovation



ASEAN is a rising pole of global economy...

... and could be the next hub of innovation

	ASEAN In 2023	as % of global
Huge Population	660 million	~8%
Rising GDP	\$3.8T	~7%
Increasing trade in good and services	\$4.5T	~9%
Bursting FDI inflow	\$230B	~18%

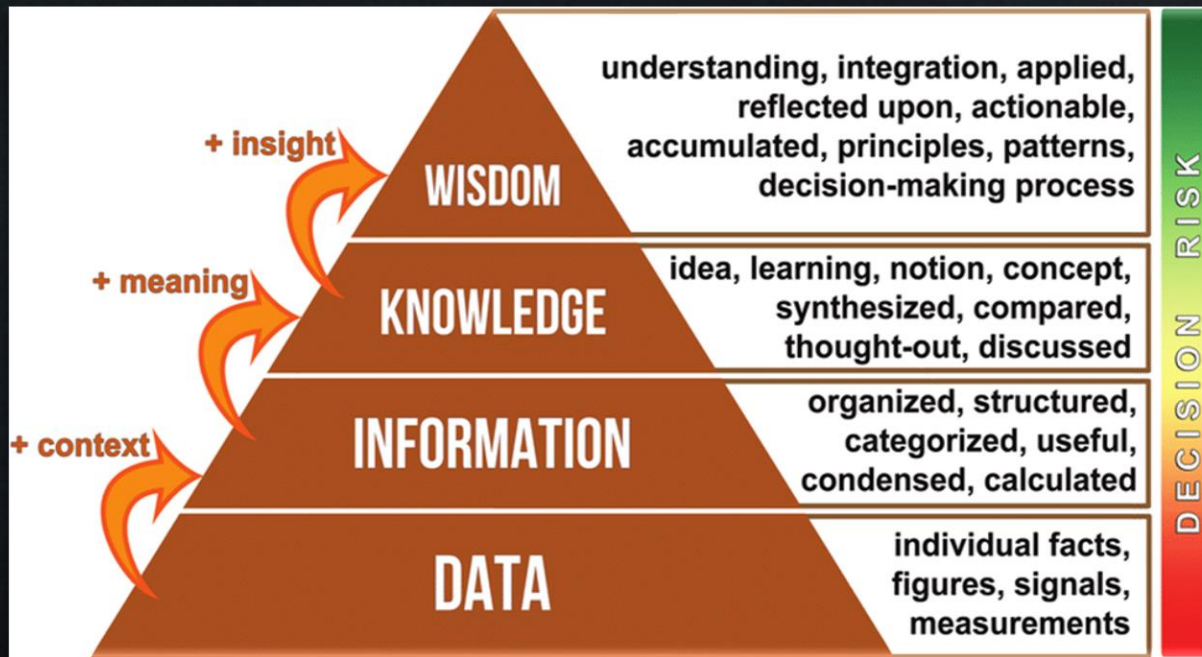


- +15K inventions seeking protection in 2022 vs 2012
- Foreign patent filings accounting for 6/7

- AI capabilities will be the key to unlocking data's potential and driving exponential growth for ASEAN development 

AI can help us to turn data to true value,
but DATA is the FOUNDATION

To unlock the exponential benefits for
ASEAN countries



Government

AI-driven Efficiency



Corporates

AI-enhanced Innovation Capability



Society

Future-ready AI culture

- **Patsnap Capabilities to Unlock Commercial Values**



Who is Patsnap?



Why shall Patsnap support this WIPO initiative?



Patsnap was born in Singapore, raised in Asia and expanded to the global



○ Toronto, Canada

○ London, UK

- Tokyo, Japan
- Suzhou 【Global R&D Center】
- Shanghai 【China R&D Center】

Singapore
【Artificial Intelligence Data Mining R&D Team】

Global employees

1200+

70%

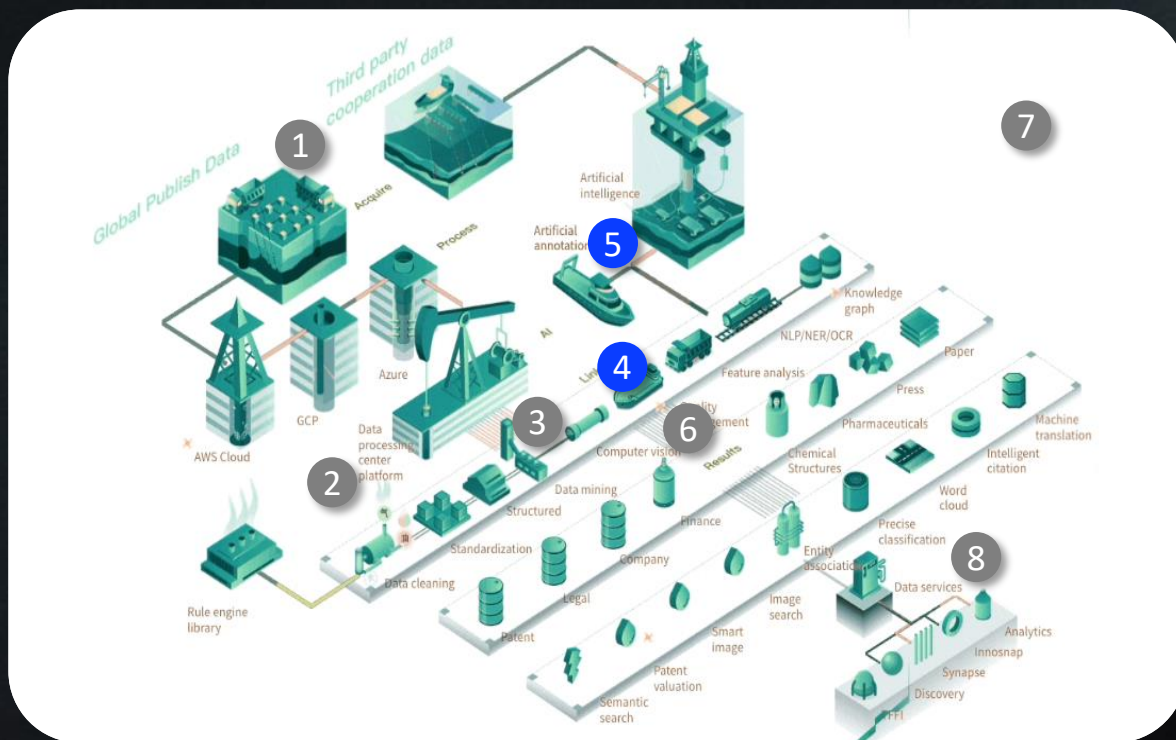
being technology
developers

ASEAN is the next strategic
growth region for Patsnap

Our advanced Data Processing capabilities and talents can drive success for this Initiative...



Ensure the quality of data is high



Key capabilities → Related talents

- | | | |
|---|-------------------------------------|-----------------------|
| 1 | Data acquisition | |
| 2 | Data processing | Data engineer |
| 3 | Data mining | Data scientist |
| 4 | Data quality assurance | QA |
| 5 | Data indexing and annotation | Data annotator |
| 6 | Data extraction and linkage | |
| 7 | Data operation and security | Data security |
| 8 | Data services/consumption | |

...and since Day1, we have been pushing the boundaries of patent intelligence with groundbreaking AI capabilities



AI capabilities

Technical capabilities

AI-embedded functions

LLM

PatGPT / PharmGPT

Machine Translation

Languages translation

Computer vision

Image Search / OCR / TableOCR

Semantic

PatentSemantic / Knowledge Graph

Information Extract

Claims comparison

Relation Extract

Smart Image

- As a result, we can process Data that are vast, diverse, highly interlinked, and automated



Efficient Data Processing

+

Well-rounded data governance

Patent ... General R&D... Chemical & Materials R&D... Biology R&D... Life Science R&D...



320+ patent fields

430+ Corporate fields

210+ Life Science fields

20+ types with solid interlinkage, >2B diversified patent & R&D data, codified into 1000+ fields, updated daily

ASEAN Patent Data Coverage



Date: By Dec. 2024

Including: Innovation & Design & Utility

Country	PDF Coverage	Fulltext Coverage
Singapore	75%	63%
Thailand	58%	49%
Indonesia	53%	14%
Philippines	48%	31%
Malaysia	27%	26%
Viet Nam	13%	22%
Lao PDR	0%	0%
Myanmar	0%	0%
Brunei	0%	0%
Cambodia	0%	0%

- **Success Stories and Potential Implication to ASEAN countries**



How can people use the IP data from this future platform?



What are the benefits to boost the various industries in ASEAN countries?



○ Patent office | Data is highly valuable, providing insights to enhance operations and support innovation ecosystems



Digitize historical documents

Quick and accurate Prior Art Search

Improve workflow for examination

Streamline the process with AI

Draft written opinion

...

...

Enable R&D Team with patent data

Monitor innovation

Nurture the market in academia

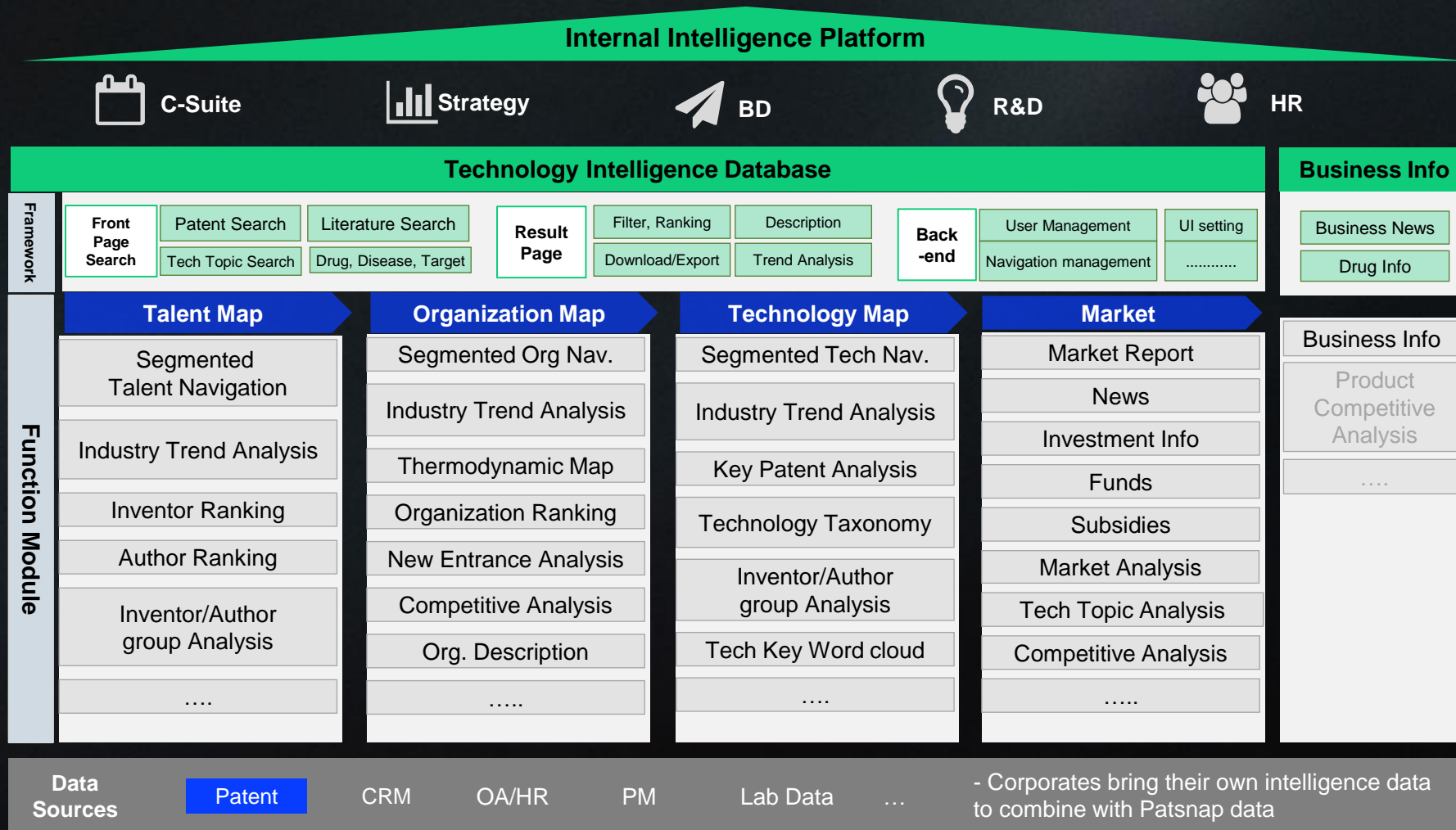
Support IP professional Training



- **Government | Enable government and agencies to drive innovation, develop policies, and build up ecosystems**



Private sector | IP data is an important source to support decision-making and innovation



- ### Key use cases
- Tech scouting
 - M&A
 - Talent acquisition
 - Competitors monitoring
 - ...

- ### Value brings to ASEAN
- Help traditional companies to transform
 - Build competitive advantages
 - Identify potential experts and professional in different industries
 - ...

Financial industry | Empower the assesses R&D stability and competitiveness to navigate investment opportunities



Investment decision

Patent data provides insights into a company's **innovation potential and competitive edge**, which are vital for assessing its market position and future growth.



Risk mitigation

Patents can **alleviate financing constraints** for smaller firms by signaling their innovative capabilities to potential investors.



Monetization and IP-backed Financing

Patents can be valued and leveraged as **collateral for loans** or other financing instruments. Financial firms can assess the revenue potential of licensing patented technologies.

Value brings to ASEAN

Help financial institutes to acquire customers accurately

Minimize the risks for bad det from the loans to SME

Enhance the profitability of bank

Thank you!

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