KIPO's IP data Dissemination and Utilization Policy

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Korean Intellectual Property Office

Contents

I

KIPO's Policy On IP Data Dissemination

II

KIPRIS

III

KIPRIS *Plus*

IV

Innovation in IP Business

I.

KIPO's Policy on IP Data Dissemination

KIPO's policy on IP Data Dissemination

KIPO's Four Principles on disseminating IP Information

Four Principles	① **Access to more information resources** (Completeness)
	② **Accurate and Precise Information** (Accuracy)
	③ **Reliability and Timeliness of Data Disseminated** (Timeliness)
	④ **Optimum use of IP data** (Usability)

Completeness
- **Expand access to worldwide IP data**
- **Digitalize publications**
- **Provide high added value data**

Accuracy
- **Manage data quality**
- **Improve integrity within open data system**

Timeliness
- **Improve global data exchange and dissemination processes**
- **Provide annual data dissemination timetable**

Usability
- **Different types of information provided**
- **Improve performance of Open IP platform**
- **Start-up support**

KIPO's policy on IP Data Dissemination

II.

Introduction to KIPRIS
And its future plan

About KIPRIS

KIPRIS

The most comprehensive free intellectual property information search service in Korea on the internet.
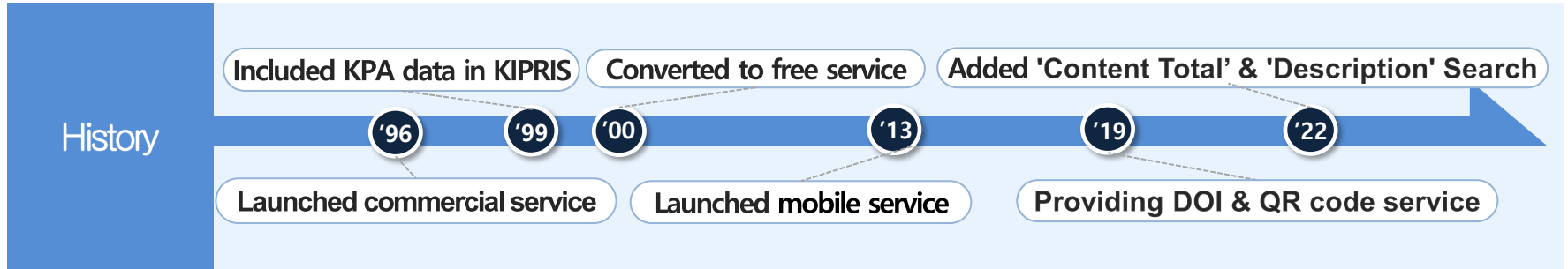
http://www.kipris.or.kr/

Basic IP Information

- **Patent, Utility Model, Design, Trademark Gazette**
- **Korean Patent Abstract**
- **Foreign Patent Gazette**

Additional IP Information

- **Administrative Information**
- **Registration Details**
- **Trial History**

History

History

Included KPA data in KIPRIS
Converted to free service
Added 'Content Total' & 'Description' Search

'96 '99 '00 '13 '19 '22

Launched commercial service
Launched mobile service
Providing DOI & QR code service

('96) KIPRIS launched commercial service

('99) Included KPA data in KIPRIS

('00) Converted paid services to free service

('04) Opened English interfaces for Korean IPR search

('08) Introduced cross lingual retrieval system

('10) Launched foreign trademark search service

('13) Launched mobile service

('15) Providing 'Sentence Search' service

('17) Providing Cited & Citing information in Patent & Utility model

('19) Providing DOI & QR code service on Trademark and Design search

('21) Providing 'Online Download Representative Drawing' service

('22) Added 'Content Total' and 'Description' Search

Statistics

The number of searches steadily increasing every year

Year	Value
2015	50,170
2016	51,174
2017	52,742
2018	56,257
2019	62,171
2020	76,971
2021	89,189
2022	103,209

(thousand)

KIPRIS Services

KI RIS

KOREA Intellectual Property Rights Information Service

IP Information Search Service

Patent, Utility Model, Design, Trademark, Korean Patent Abstracts(KPA)

Administrative Information Search Service

Examination, Registration and Trial Status

Other Services

Machine Translation
Sort options
Excel
Statistical Classification
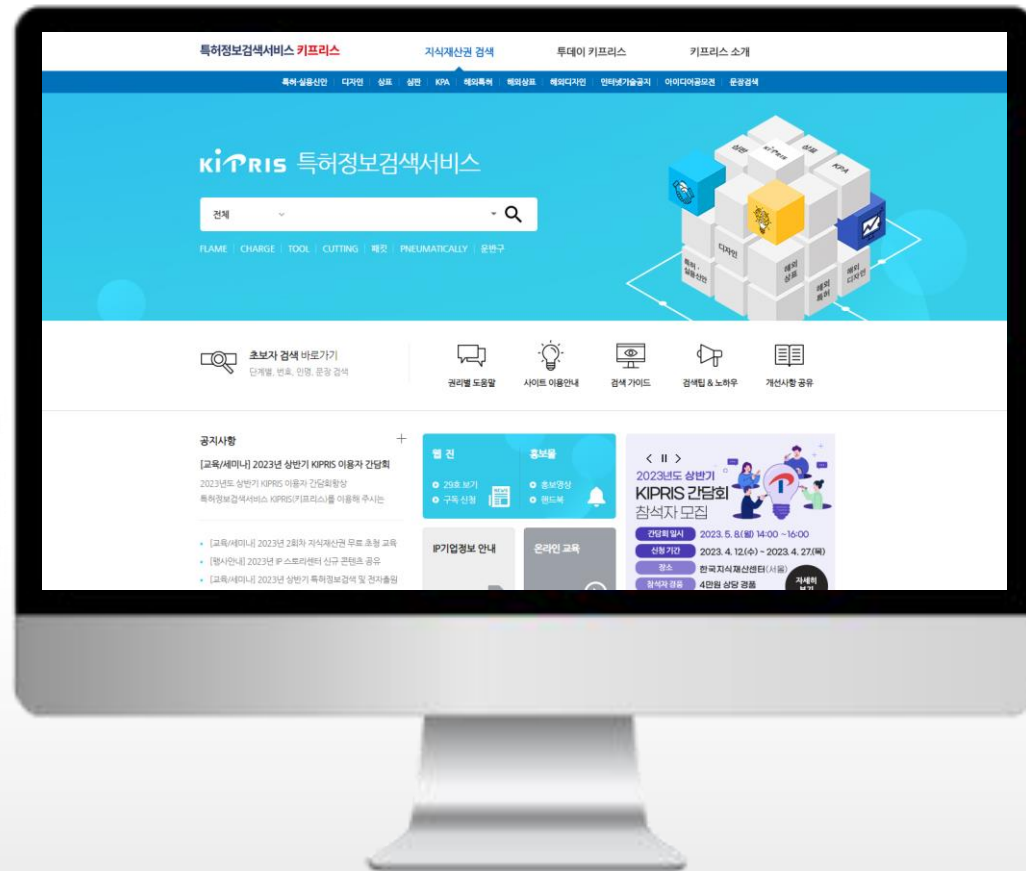
KIPRIS Services - Search

Integrated Search

Search by Right

KIPRIS Services - Search

View

Detailed View

① **Word drag -> Creat 키특이(kiteug-i) button**

② **Click 키특이 button**
   (Run Wikipedia)

KIPRIS Services - Administrative Information

Administrative Information
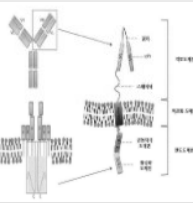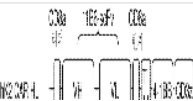
CHIMERIC ANTIGEN RECEPTOR AND CAR-T CELLS THAT BIND BCMA
BCMA에 결합하는 키메라 항원 수용체 및 CAR-T 세포

No.	Document Title	Receipt/Delivery Date	Status	Receipt/Delivery No.
1	[Divisional Application(International Application)] Patent Application ([분할출원(국제출원)]특허출원서)	2023.02.02	Accepted (수리)	112023012364139
2	Notification of Ex officio Correction (직권정정안내서)	2023.02.15	Completion of Transmission (발송처리완료)	152023002663213
3	Request for Amendment (보정요구서)	2023.02.15	Completion of Transmission (발송처리완료)	152023002663178
4	[Amendment to Patent Application, etc.] Amendment(Payer number) ([출원서 등 보정]보정서(납부자번호))	2023.03.15	Accepted (수리)	112023017829703
5	Notification of reason for refusal (의견제출통지서)	2023.03.29	Completion of Transmission (발송처리완료)	952023029469315
6	[지정기간연장]기간 연장신청서·기간 단축신청서·기간 경과 구제신청서·절차 계속신청서	2023.05.30	Accepted (수리)	112023059417050
7	Request for Amendment (보정요구서)	2023.06.08	Completion of Transmission (발송처리완료)	152023009132716
8	[Amendment to Patent Application, etc.] Amendment(Payer number) ([출원서 등 보정]보정서(납부자번호))	2023.06.28	Accepted (수리)	112023063003157
9	[지정기간연장]기간 연장신청서·기간 단축신청서·기간 경과 구제신청서·절차 계속신청서	2023.06.28	Amendment (보정)	112023071506097
10	Request for Amendment (보정요구서)	2023.07.12	Completion of Transmission (발송처리완료)	152023011125968
11	[Amendment to Patent Application, etc.] Amendment(Payer number) ([출원서 등 보정]보정서(납부자번호))	2023.07.19	On receiving (접수중)	112023076454038

KIPRIS Services - Others

Machine Translation

KIPRIS Services - Others

Sort

Excel

KIPRIS Services - Others

Statistical Classification

Future Plan

Expanding Online download capabilities

As-is Up-to 100 cases can be downloaded at once

To-be Up-to 300 cases can be downloaded at once

Added AI Machine Translation

As-is Machine translation available

To-be Added AI machine translation service

Future Plan

Simultaneous viewing on detailed info

As-is Only one detailed view per right available

To-be Simultaneous viewing on multiple rights

Providing Search Service by Clauses in Judgments

As-is Users must manually find specific clauses in the judgment

To-be Search all judgments with specific clauses.

Future Plan – KIPRIS Enhancement

Accessibility

Tailored services for students, researchers, and professionals

Integrated search for domestic and international IP rights

Providing **a top-tier search bar**

Readability

Three-tier screen layout(Search criteria, search results, detailed view)

Streamlined interface(Removed duplicates, optimized features)

Functionality

AI image search service

Customized screen for user preferences(Aspect ratio and content)

Responsive web

///.

Introduction to KIPRIS^{Plus}

And its future plan

About KIPRIS*Plus*

Find the best way to create a new, innovate service with our BUIK DATA, Open API

http://www.kiprisplus.or.kr/

01 Bulk data - Users can download vast quantities of data files from the KIPO's IP DB.

02 Open API - Users can access the KIPO's IP DB to retrieve specific data through SOAP and REST APIs.

History

Service History

Implementation of REST API service — '14

Online download official launching — '21

'12 — KIPRIS^{Plus} official launching

'16 — IP Help-Desk service launching
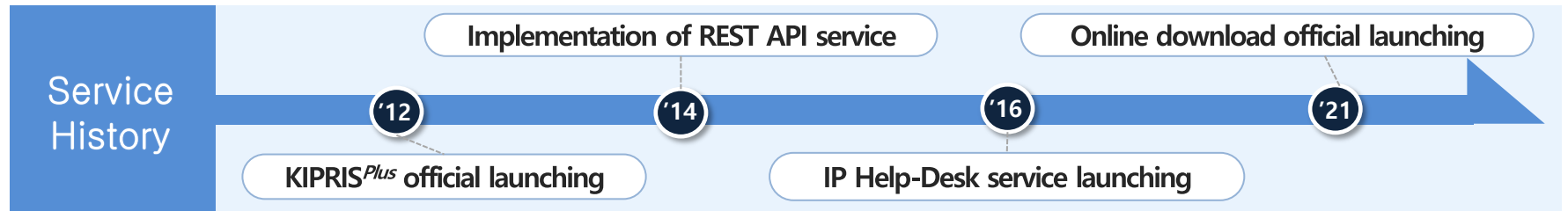
('10. 01.) KIPRIS^{Plus} Beta service open(SOAP Open API Only for free)

('12. 09.) KIPRIS^{Plus} Official launching

('14. 12.) Renewal of Open IP Platform and Implementation of REST API service

('16. 06.) User Involvement IP Help–Desk service launching

('18. 09.) Online download Beta service launching

(' 21.06.) Online download service official launching

Date Coverage

KIPRIS^{Plus} has expanded the data coverage since 2015.

01 **IP data in high demand** are added to the KIPO's IP DB every year.
* ('18) 94 → ('19) 98 → ('20) 104 → ('21) 110 → ('22) 115 → ('23.6) 116

Korean IP Data(67)

Publication	Patent/Utility model	Design
	Trademark	Amendment
Administration	Legal Status	Registration
	Classification	Trial
Additional Information	Search information	Translation
	Abstract	Others

Foreign IP Data(49)

Publication	🇺🇸 🇨🇳 🇪🇺 🇯🇵
	🇵🇭 🇲🇽 🇷🇺 🇪🇸

Additional Information	Abstract	Translation
	Classification	Legal Status
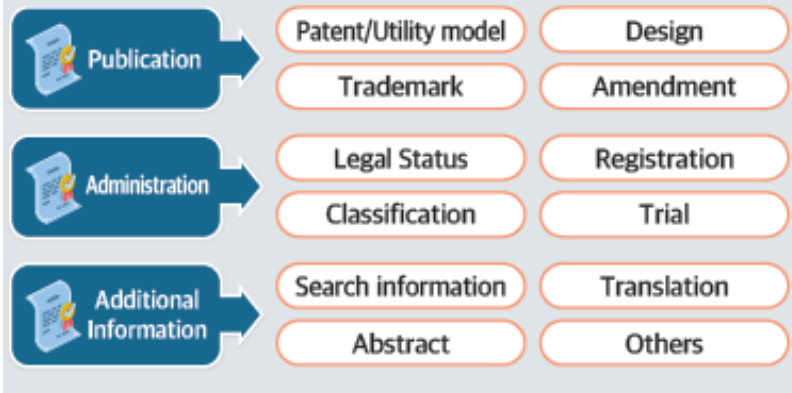
Date Coverage

KIPRIS^{Plus} has expanded the data coverage since 2015.

02 **Various kinds of AI training data** have been provided since 2018.

'20 (3종)

KR-EN Patent Classification Code Corpus

KR-EN Patent Abstract Corpus

KR-EN Intermediate Document Corpus

'22 (2종)

CN-KR Patent Corpus

EN-KR Patent Corpus

AI

'18-19 (5종)

Glossary of Technology Terms(2)

Patent Drawing Tag

Patent Quality Score

Patent Claim Structure

'21 (4종)

Patent Label Dataset

AI Chatbot Dataset

AI TM Image Dataset

AI Design Drawing Dataset
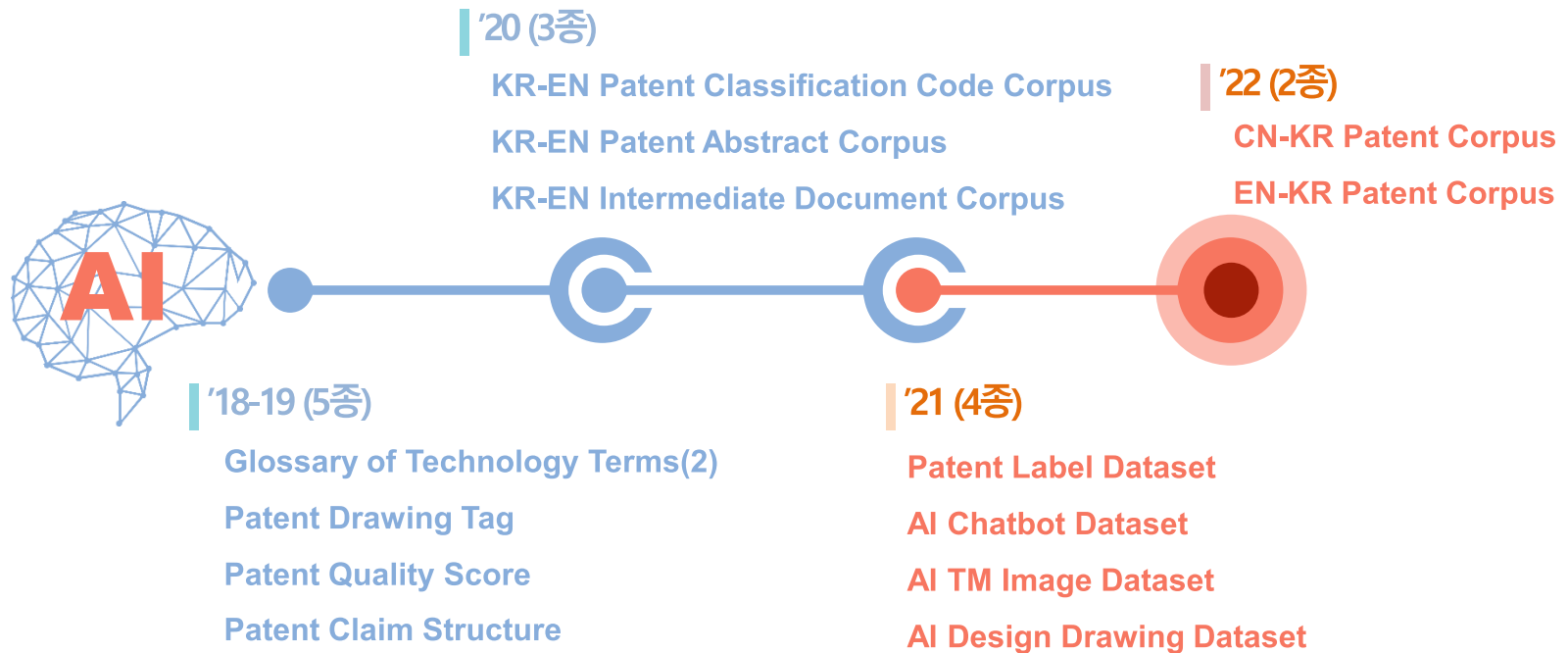
Statistics

Products : 116 Bulk Data and 70 Open API

541 Service users, API usage 2billions

KIPRIS*Plus* Users

Paid / Free

	'18	'19	'20	'21	22'
Total	201	283	421	541	568
Free	132	213	341	469	486
Paid	69	70	80	72	82

KIPRIS*Plus* API Usage

(million)

'18	'19	'20	'21	22'
958	1,040	1,233	2,003	2,036
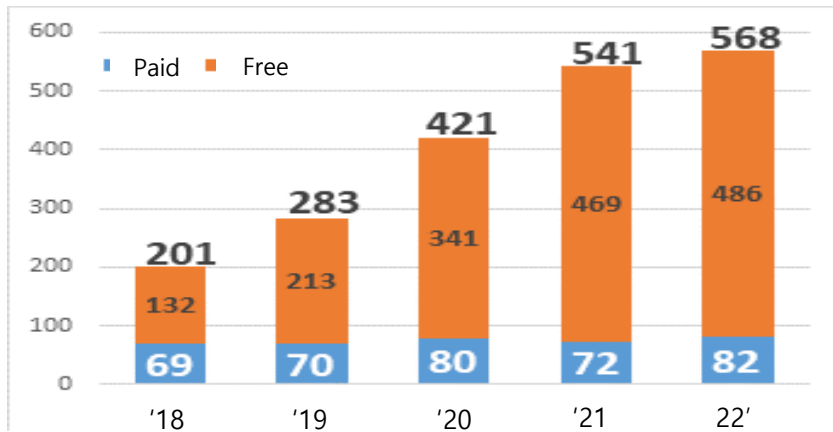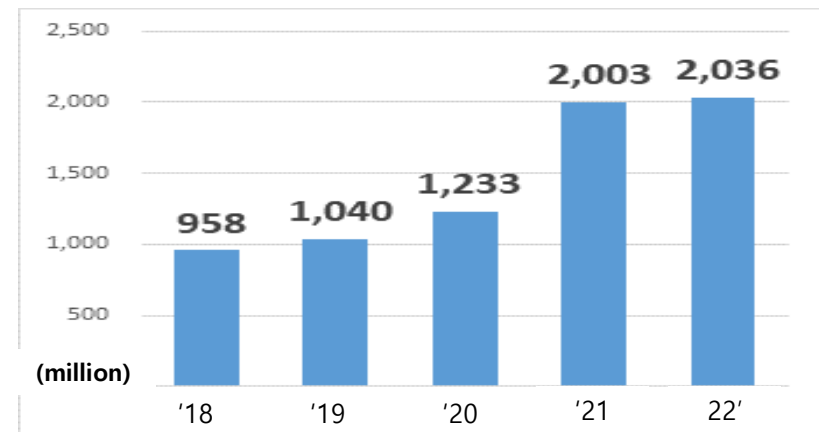
Registered Services

WIPS coupang KODATA KIM & CHANG CPA GLOBAL
Clarivate™ 서울대학교 SEOUL NATIONAL UNIVERSITY

Field of Use

IP Finance

IP Trade

IP Evaluation $+ \alpha$

IP Service

IP Management

KITRIS ^{Plus}
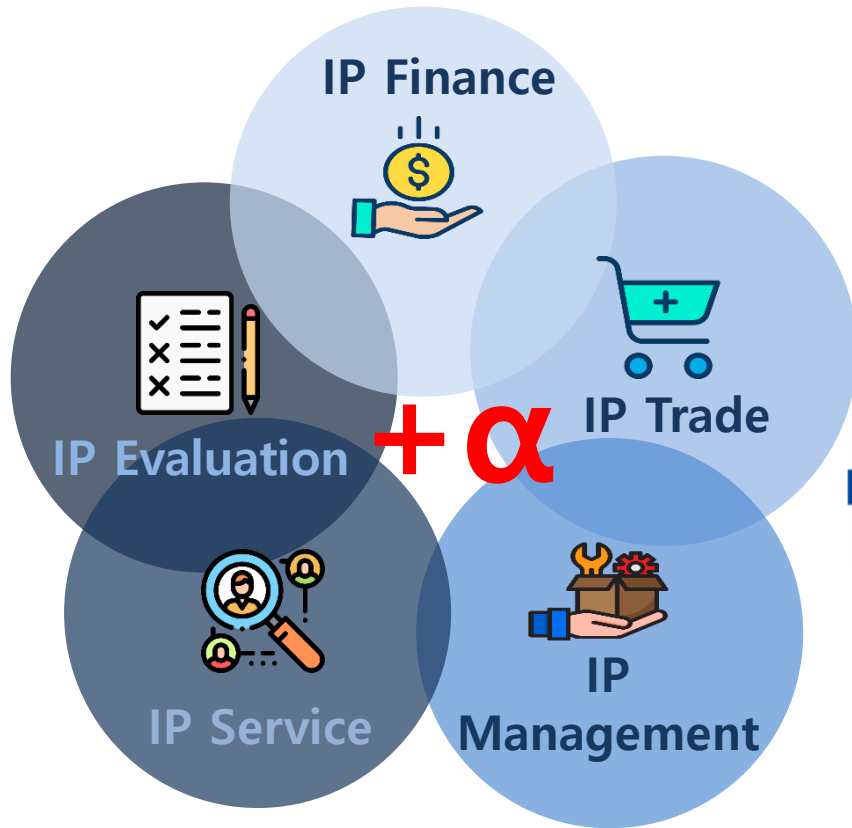
University & Research Institute

01 Used with its own information system for managing business performance and research outcome

Banking Industry & Public Institution

02 Used for customized information search for patent trade, evaluation, security, etc.

Small and Medium-Size Enterprise

03 Development of various solutions for creating a high value profit

Future Plan

New REST Operations

The 138 operations provided only in SOAP will be developed into REST.

《 Current Status of API Operations》
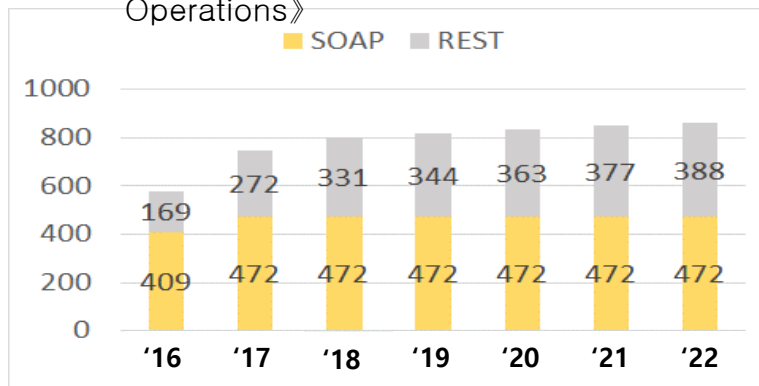
《 Annual Usage of API 》
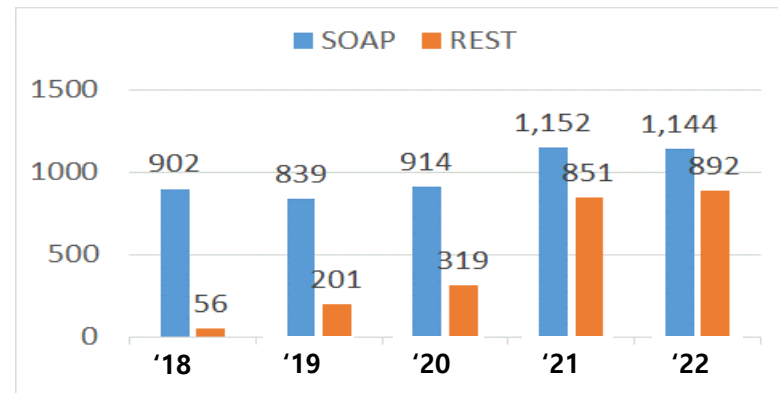
《 REST Operations to be Developed 》

API Type		Both	Single	Total
Number of Operations	SOAP	334	138	472
	REST	334	54	388
	Total	668	192	860

"526"
REST API Operations

Future Plan

Update Cycle Reduction

① Notification of Reason for Refusal ② Decision to Refuse a Patent ③ Decision to Grant

Weekly Update
7 days

➡

Daily Update
1 day *1 day*
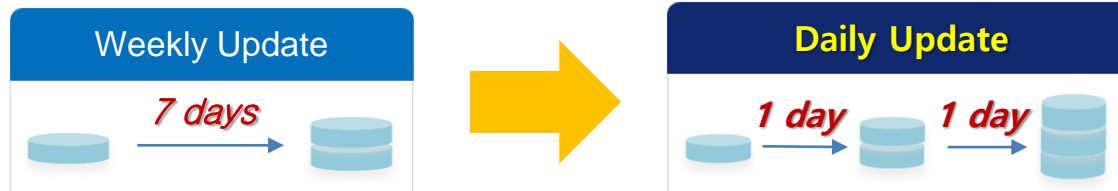
KIPRIS*Plus* IP Product Reclassification

All of the IP Products (116) will be reclassified and similar IP Products will be integrated.

Korean IP Product
- Publication
- Status
- Classification
- Others
- AI Machine Learning

Overseas IP Product
- IP4
- Others: Taiwan, Russia, Mexico, etc...
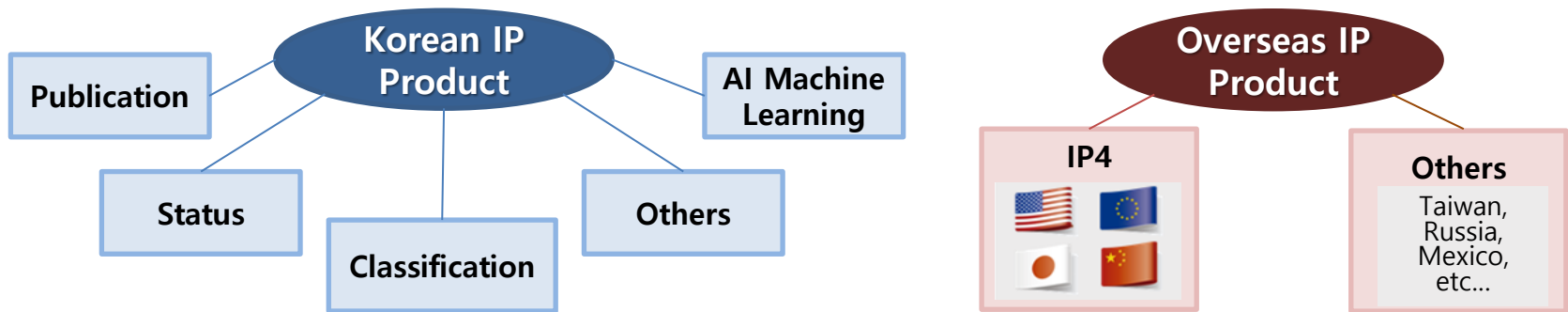
IV.
Innovation in IP Business

IP Startup Support Programs

KIPO runs several IP startup support programs.

1. IP Business Idea Contest

- Started to discover innovative business models using IP data in 2015
- Discovered 77 IP business models so far

2. IP Data Gift

- Started to promote the utilization of IP data and IP startup expansion in 2017
- Provided 11,426 IP data products worth $12.6 billion to 256 IP startups so far

3. IP Business Growth Support

- Started to identify and foster IP business through financial support, education and mentoring, etc. in 2021.

4. Innovative Startup Support

- Started to support the growth of early-stage startups through voucher, education, etc. in 2019.

IP Business Idea Contest

KIPO discovers innovative business models that utilize IP data and award them prizes.

Receipt of Business Plan	Business Plan Assessment	Presentation Assessment	KIPO's Award Ceremony

Business models should be creative, technical, and achievable.

IP Data Gift

IP Data Gift provides IP data for the growth of IP business in Korea, and helps IP startups to receive financial support and consulting from other organizations.

Receipt of Application Form	Application Form Assessment	Provision of IP Data	Recommend

IP Business Growth Support

We identify and foster IP business in the materials, parts & equipment sectors which enhance technical independence.

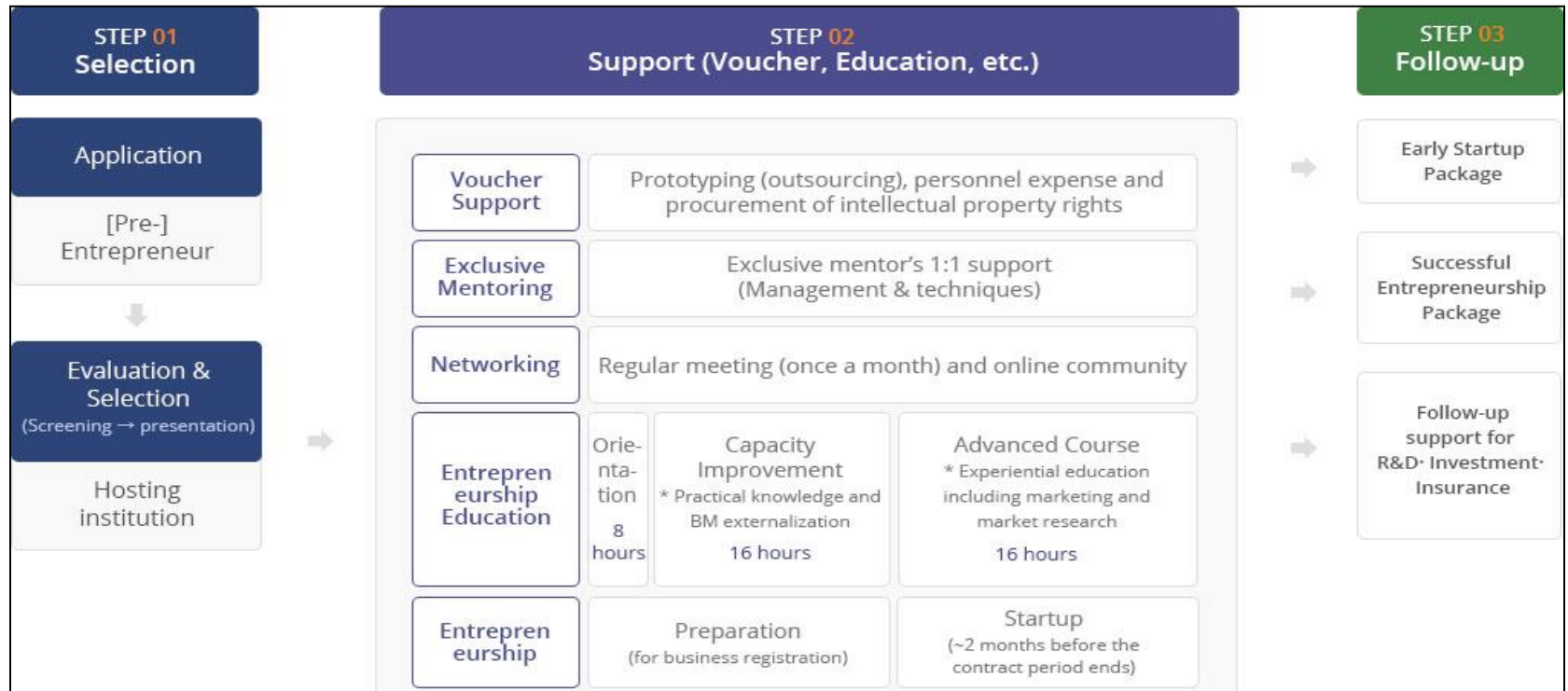| Commercialization Fund	Education & Mentoring	Follow-up Support
Funding for prototype production & its upgrade, and marketing	Startup-tailored training/mentoring in tech field, networking, etc.	Grant up to KRW 200M in guarantee

Innovative Startup Support

We support the growth of early-stage startups and vitalize the local universities, public institutions and private organizations.

Thank you