

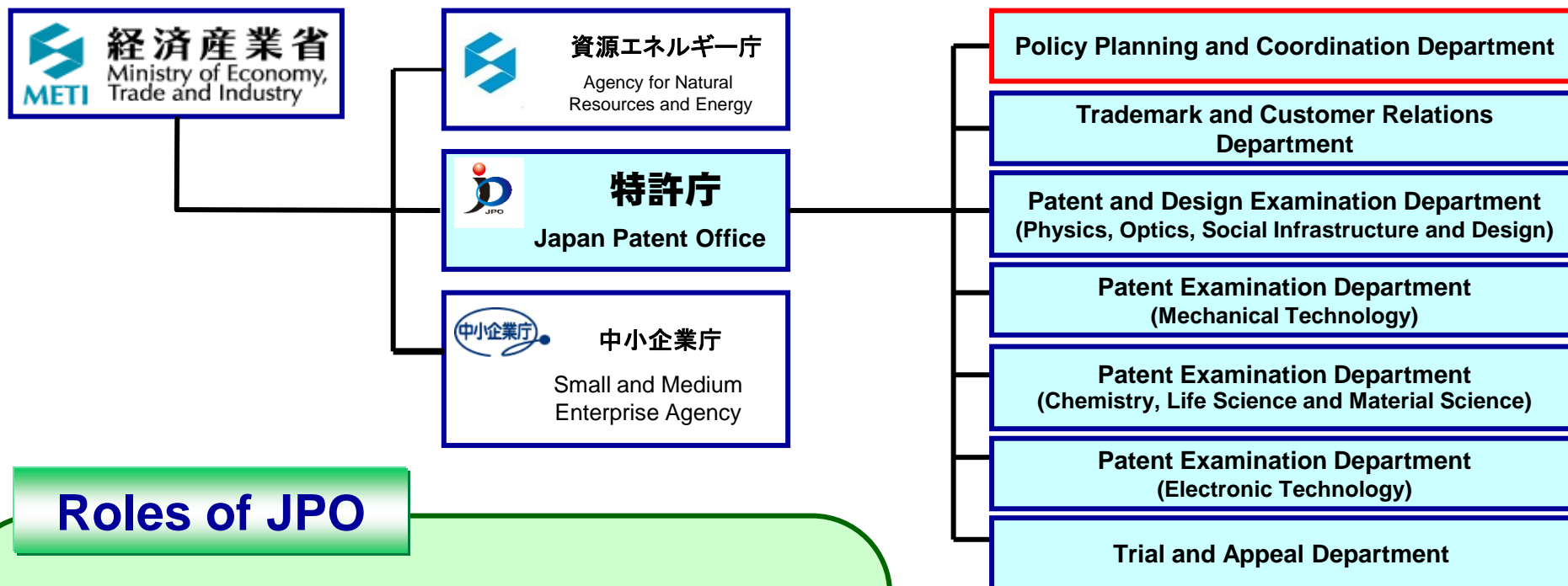
The Update on JPO's Activities on IT Business Services

May 08, 2023

Japan Patent Office

- 1. Organization and Roles of IT Division**
- 2. Outline of JPO System**
 - a. Background of Computerization**
 - b. Workflow and Related Systems**
- 3. Systems utilizing Computerized Documents**
- 4. Recent Activities on JPO's Contribution**
 - a. International Cooperation as IP5**
 - b. Contribution via FIT/JP Projects**
 - c. JPO/IPR Training Program**

1. Organization and Roles of the JPO

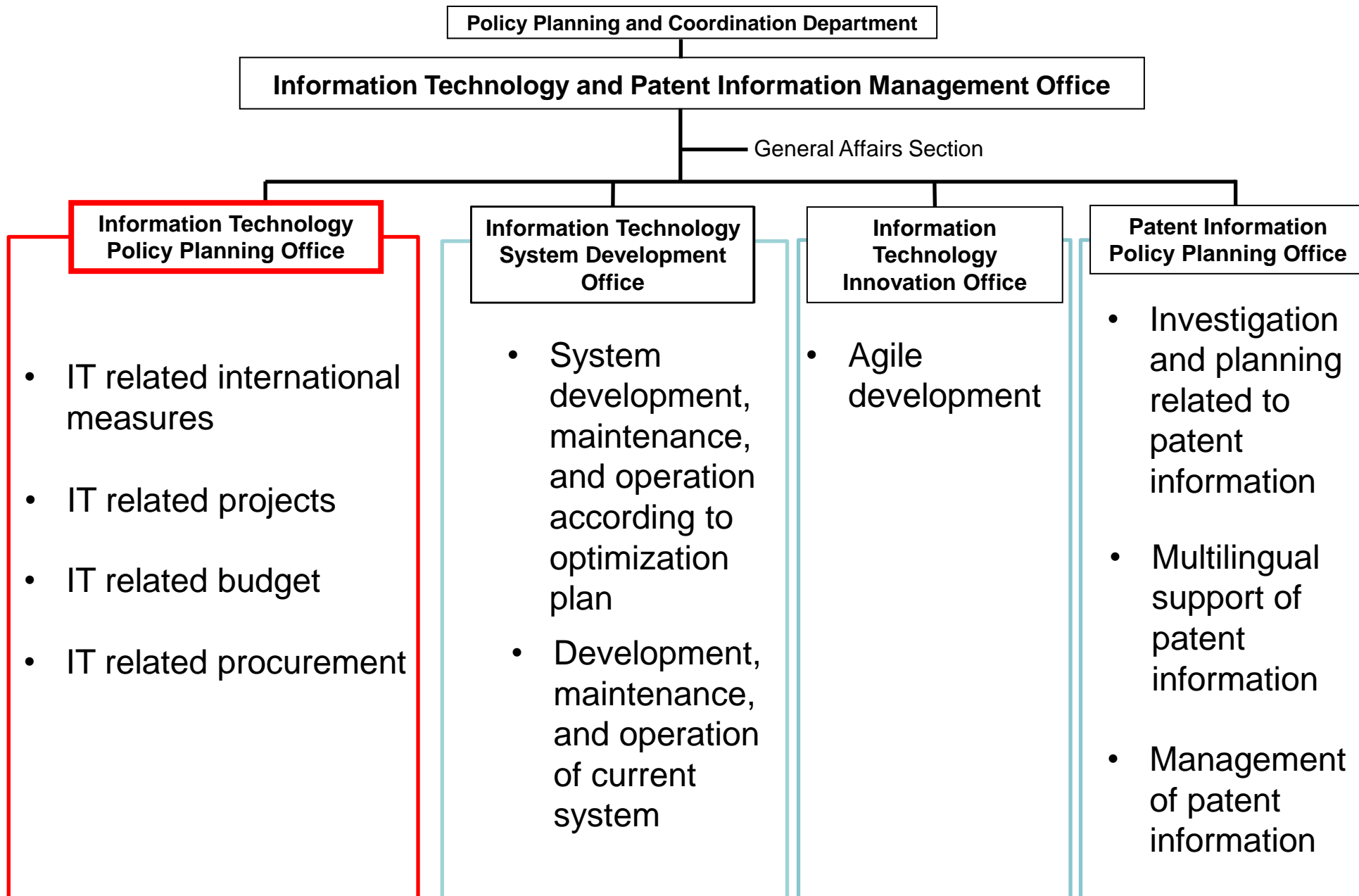


Roles of JPO

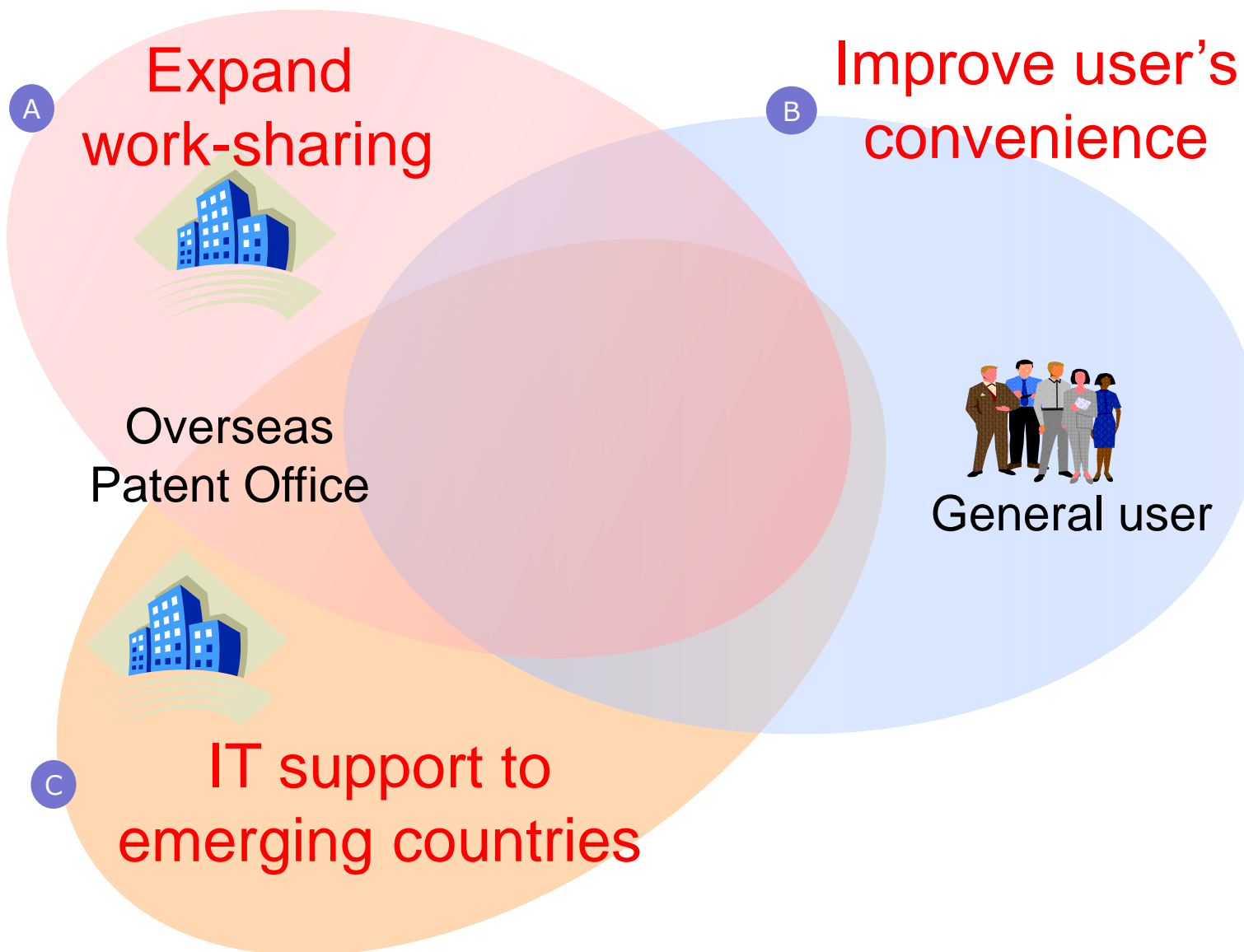
1. Appropriately granting industrial property (IP) rights
2. Drafting measures dealing with IP
3. Promoting international harmonization and assistance to developing countries
4. Reviewing the IP rights system
5. Supporting SMEs and universities
6. Improving information services on IP



1. Organization and Roles of IT Division



1. Missions of Int. Team of IT Division

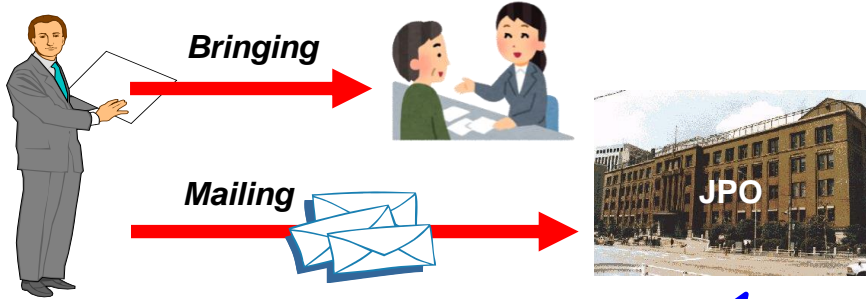


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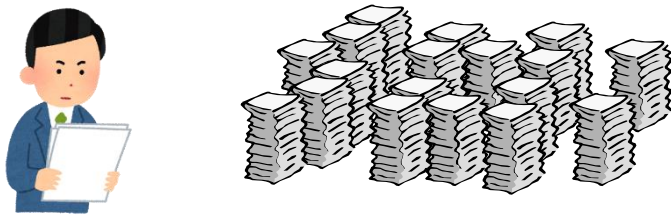
2a. Background of Computerization

Before computerization (- 1990)

Application

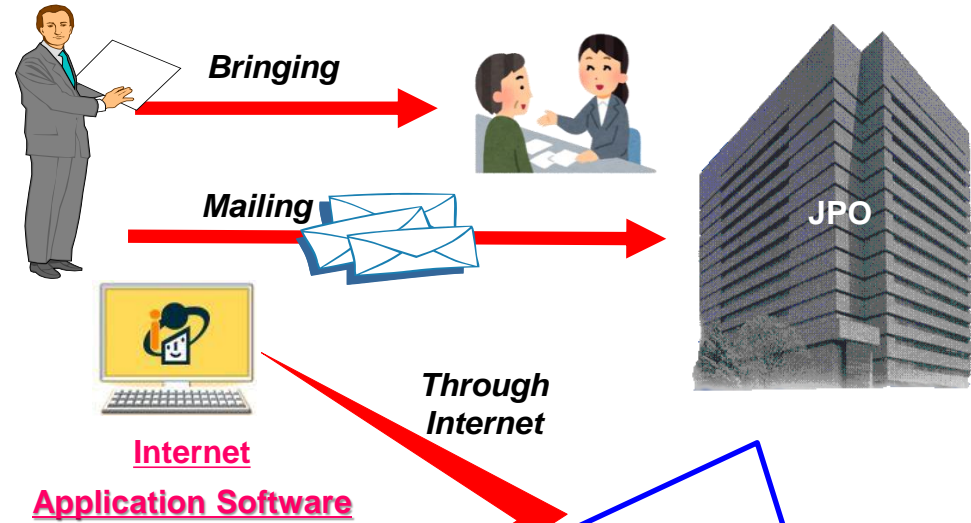


Examination

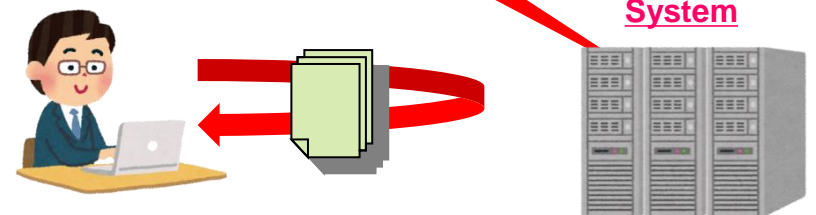


Now

Application



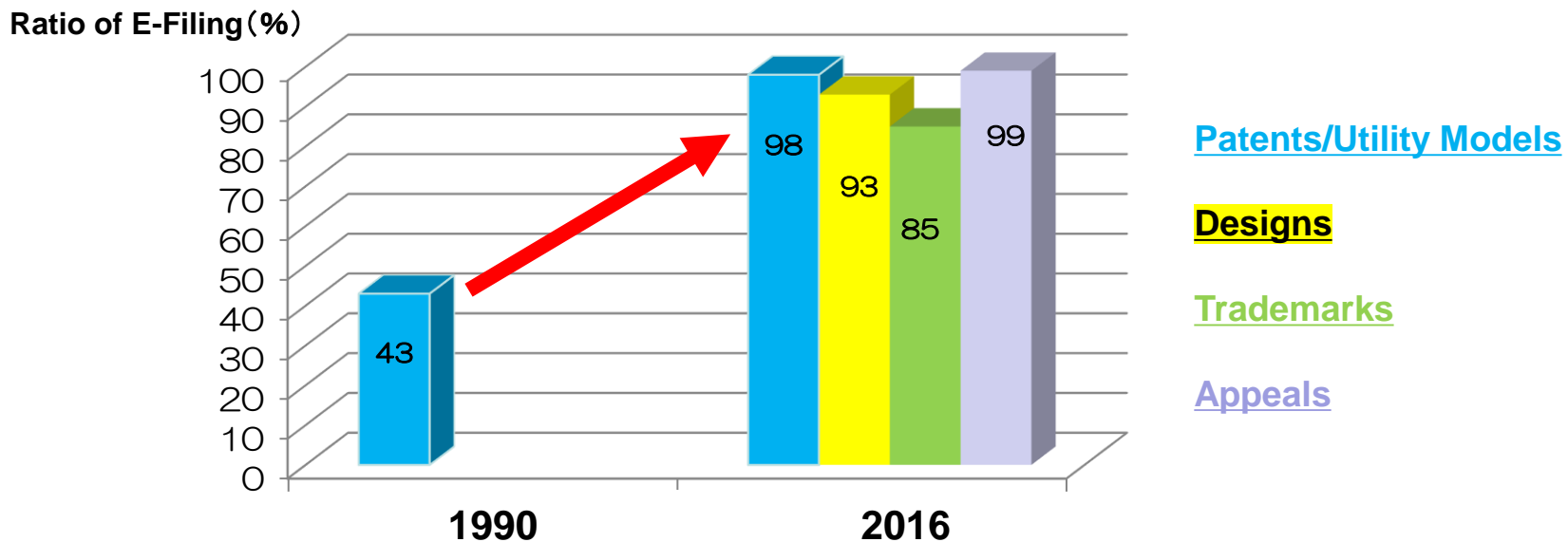
Examination



2a. Background of Computerization

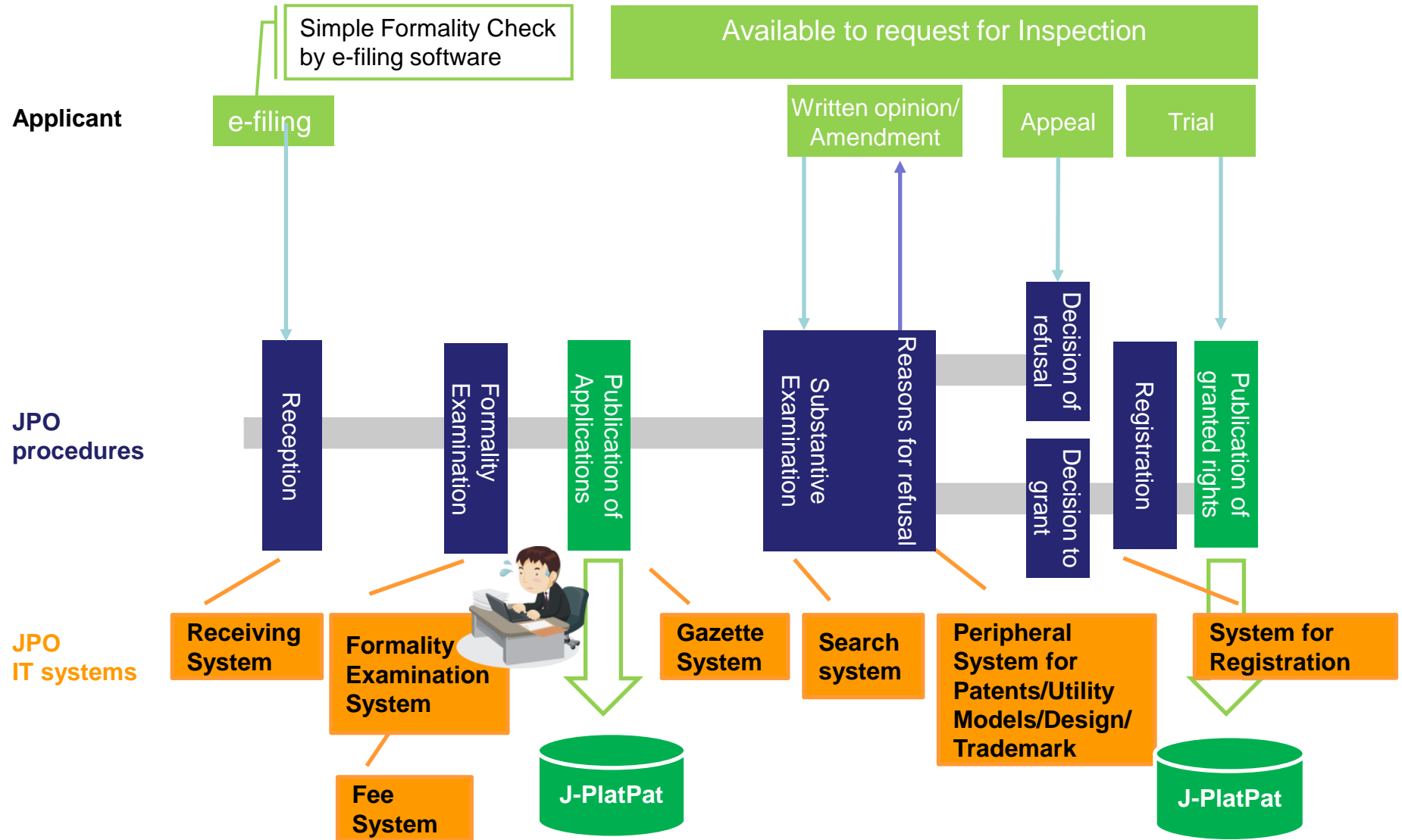
- 1984 Paperless Project was formulated
- 1990 E-filing using a special machine for patents/utility models started
- 1998 E-filing using PC through ISDN line started
- 2000 E-filing for designs, trademarks, PCT and appeals and started
- 2005 E-filing using "Internet Application Software" started

Ratio of E-Filing in IP Applications

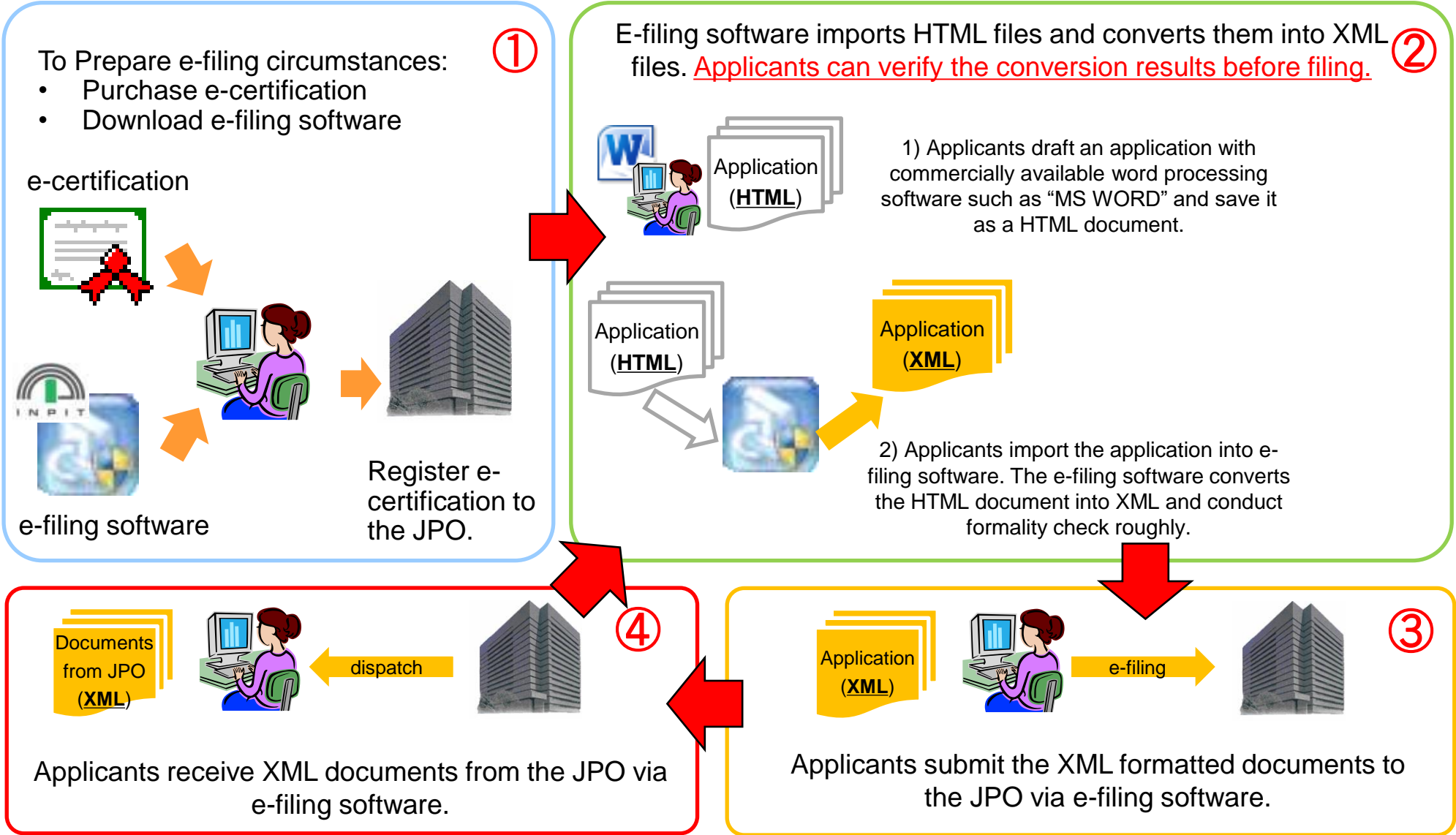


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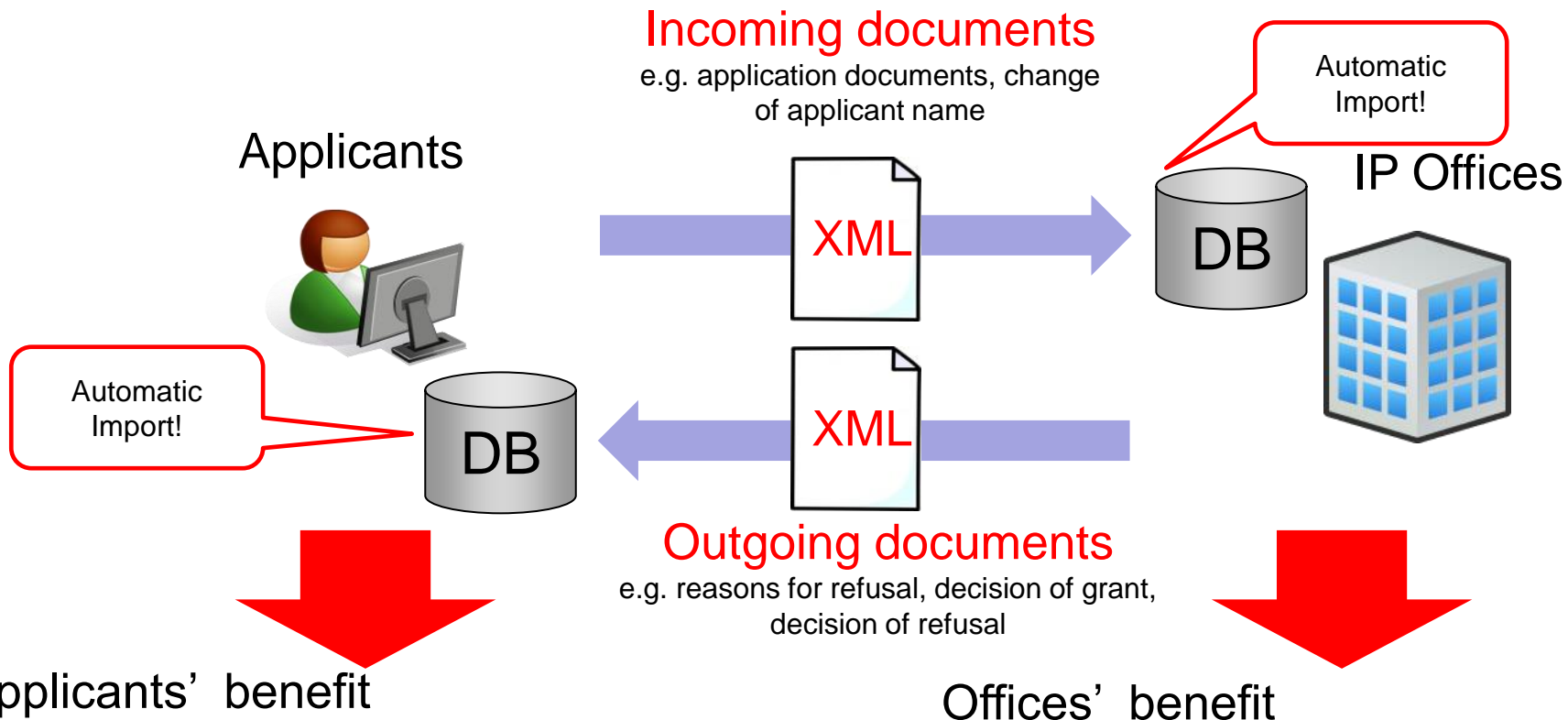
2b. Workflow and Related Systems



2b. E-filing procedures in JPO



2b. XMLization – its Benefits for Offices and Users



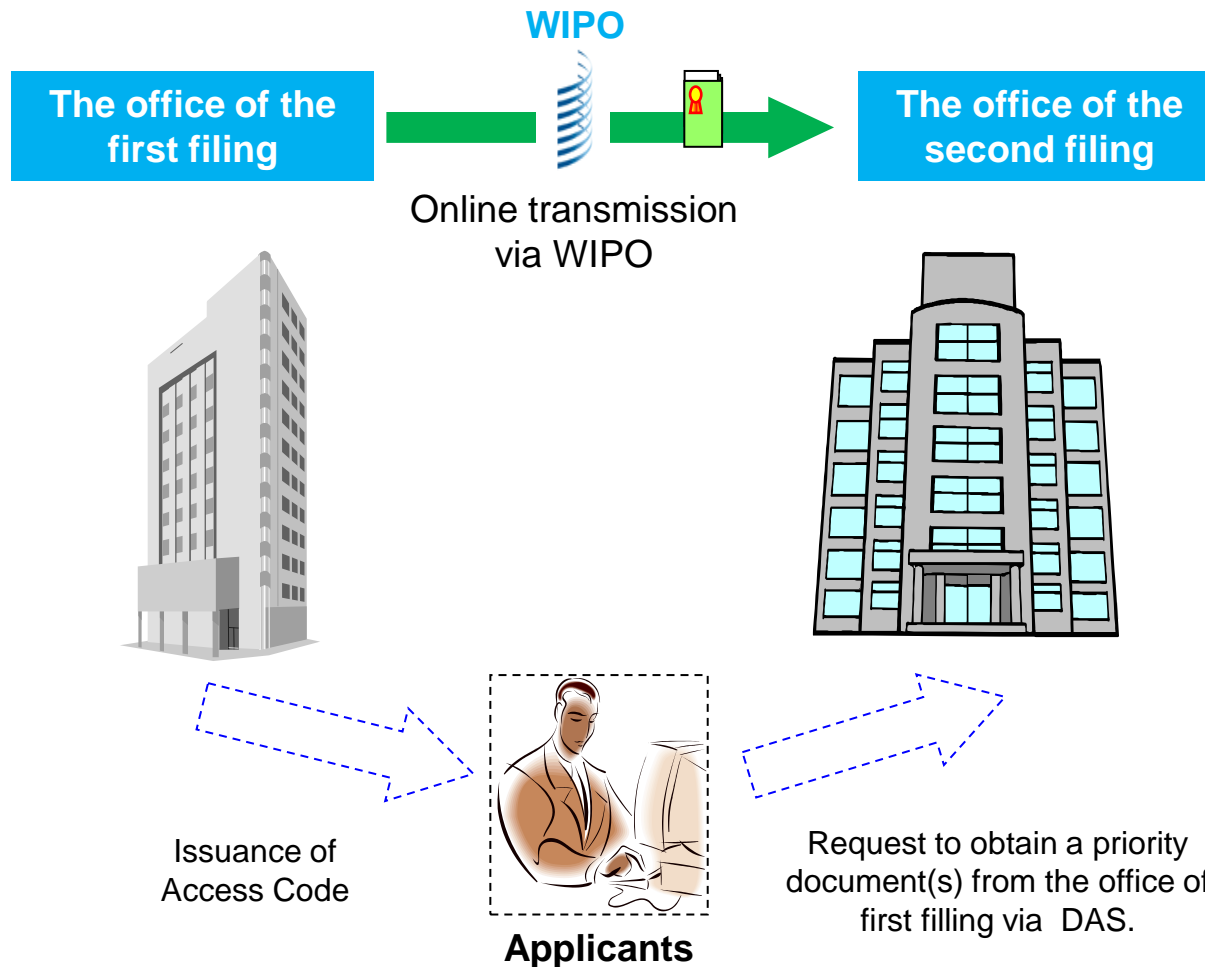
- ✓ **Save cost and time** of manual data import
- ✓ Accurate and comprehensive DB for further utilization, such as **big data analysis**

- ✓ **Save cost and time** of manual data import
- ✓ Utilize XML data for various ways, such as **automatic formality check, publication**

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3. Electronic Exchange of Priority Documents

WIPO Digital Access Service (WIPO DAS)



The Offices (As of April 2023)

which the JPO exchange priority documents with

[WIPO DAS]

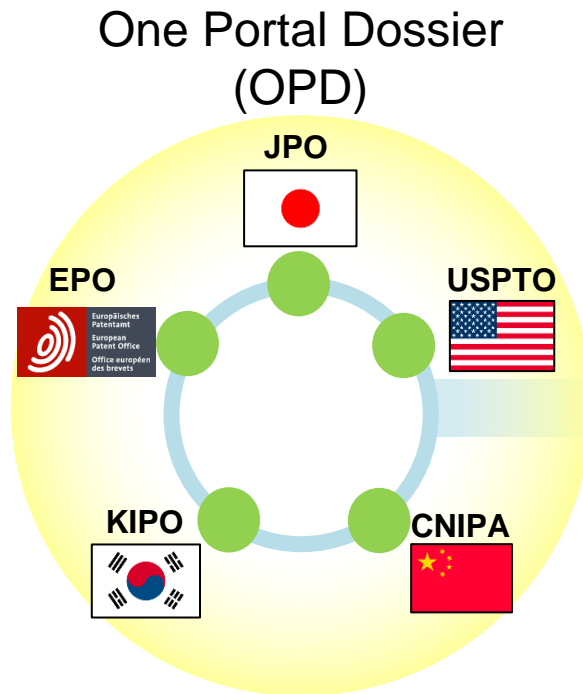
- US
- China
- Korea
- UK
- Ireland
- Argentina
- Israel
- Italy
- Iran
- India
- Estonia
- Australia
- Austria
- Netherlands
- Canada
- Columbia
- Georgia
- Sweden
- Spain
- Denmark
- Chile
- Turkey
- Norway
- Finland
- Brazil
- France
- Belgium
- Mexico
- Poland
- Morocco
- Monaco
- Latvia
- Lithuania
- EAPO
- EPO
- EUIPO
- WIPO

[bilateral PDX]

- Taiwan

3. Global Dossier

- The “Global Dossier” concept aims for building up a virtual common system by mutually linking the IT systems of IP Offices to provide new IT-based services.
- Under the Global Dossier concept, the One Portal Dossier (OPD), which allows users to retrieve dossier information of other offices collectively, has been developed.
- The linkage between the OPD and WIPO-CASE was established in 2014.



Linkage

WIPO-CASE

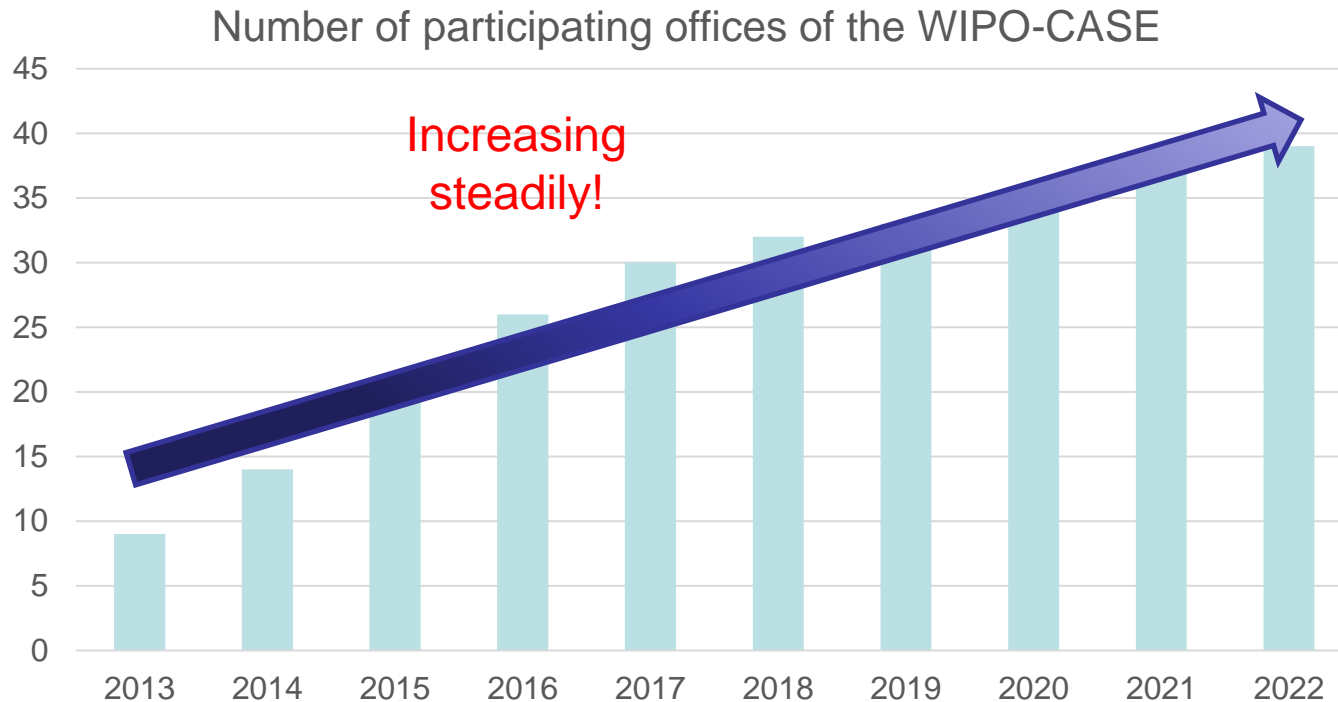
- Dossier information sharing system developed by WIPO.
- In addition to IP5 Offices;
 - 34 countries/organizations* participate as of April 2023.
 - AU, CA, GB, IL, IN, NZ, SG and WIPO (PCT) provide their dossier information for examiner use.
 - AU, CA, IL, IN, NZ and WIPO (PCT) also provide their dossier information for public use.

※Participating offices except IP5 Offices:

*Australia, Azerbaijan, Brazil, Brunei Darussalam, Cambodia, Canada, Chile, Costa Rica, EAPO, Egypt, Finland, Germany, Georgia, India, Indonesia, Israel, Iran, Lao PDR, Malaysia, Mongolia, New Zealand, Papua New Guinea, Peru, Portugal, Philippines, Singapore, Spain, Thailand, Turkey, Ukraine, WIPO, United Kingdom, Uruguay, Viet Nam

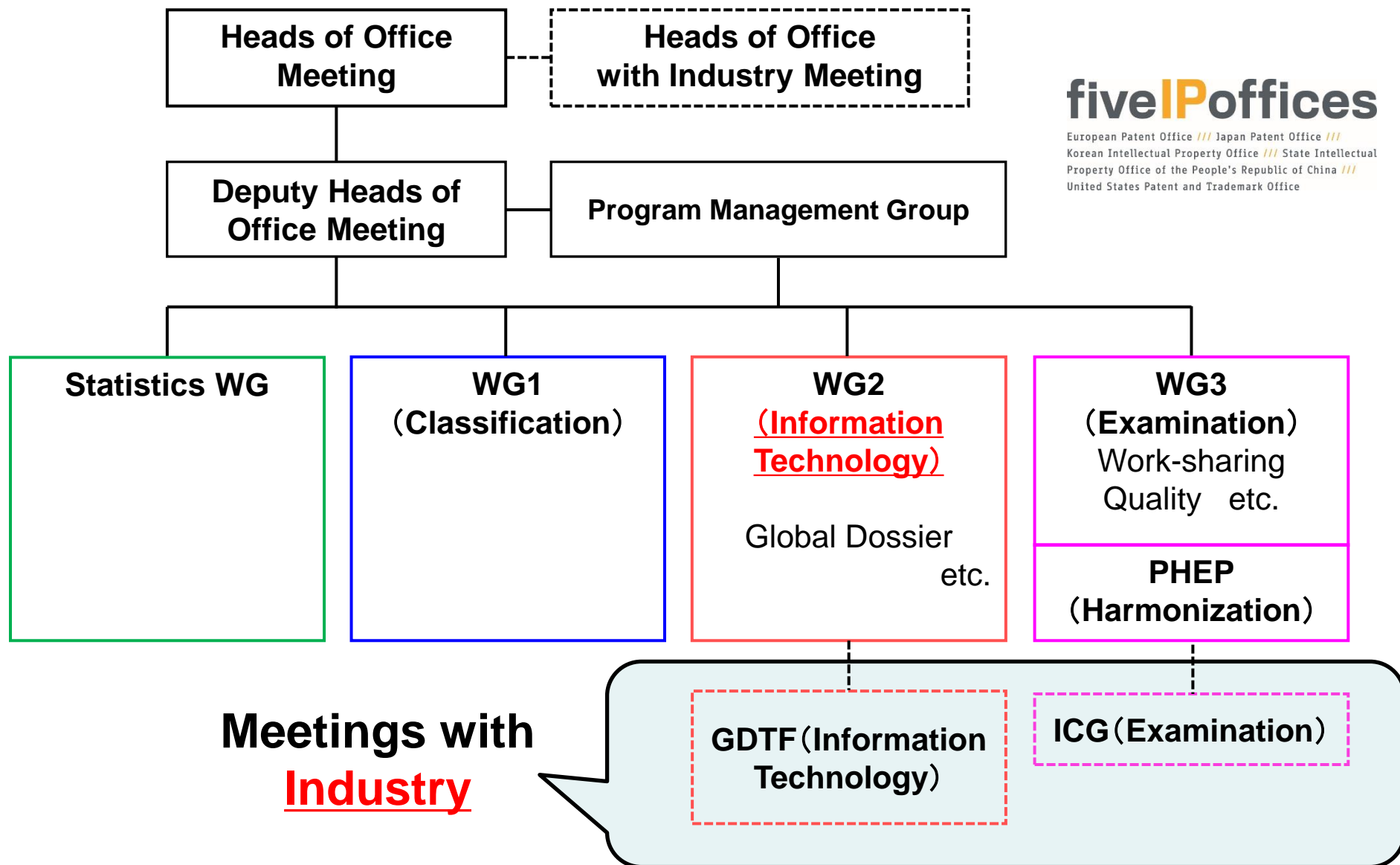
3. Potential of the OPD and the WIPO-CASE

- The OPD and the WIPO-CASE are now enhancing examination efficiency and quality in many intellectual property offices.
- The number of offices participating in the WIPO-CASE is increasing steadily.
⇒ The network for sharing dossier information is expected to expand further.



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4a. The structure of IP5



4a. GDTF meeting

GDTF (Global Dossier Task Force) was created in 2012 in order to facilitate the discussion between IP5 Offices and Industries.

Jan. 2013

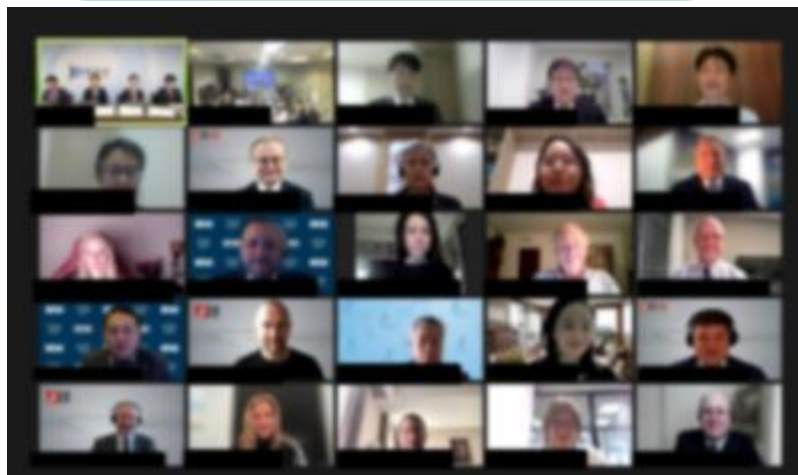
1st GDTF meeting

⋮

⋮

Mar. 2023

10th GDTF meeting



10th GDTF meeting was hosted online by JPO on Mar. 29th, 2023, where next stage of five priorities of Global Dossier was discussed.

4a. Five Priorities of Global Dossier

- IP5 Industries requested to make five priority items come true.
- IP5 Offices drew up their vision and takes steps to consider substantial solutions for their implementation.



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- Funds-In-Trust Japan Industrial Property Global (FIT/Japan IP Global) supports developing countries to improve their knowledge of IP systems and enhance their IP capabilities to facilitate innovation and technology transfer worldwide.
- Since the Japan Patent Office (JPO) made its first voluntary contribution to WIPO in 1987, it contributed to more than 90 million CHF to more than 80 countries in Asia and Pacific region and African region for supporting diverse activities in the field of Intellectual Property.
- In 2019, FIT/Japan IP Global was established to expand the supporting area, and the JPO contributed 5.8 million CHF in the fiscal year 2019.



FIT/Japan IP
Global



Supporting
Projects



- 
- Asia and Pacific region
 - African region
 - Latin American region
 - others

4b. IT systems-related Contributions

- FIT Japan IP Global has supported the development of WIPO's IT systems and organized seminars or workshops to encourage their use in developing countries.
- From 2014 to 2019, WIPO's support to IP offices in the ASEAN region and Africa region utilizing the FIT Japan IP Global has achieved following several milestones.

WIPO CASE

- developed and made available in the ASEAN region
- successfully linked to the IP5 One Portal Dossier
- public access was implemented through the IP5 Global Dossier and through WIPO PATENTSCOPE

WIPO products

- enhanced to provide better solutions for IP administration and for online filing and online publication of IP data

ASEAN PATENTSCOPE

- developed and patent data from 9 ASEAN offices has become available

Digitization Project in Thailand

- In 2022, WIPO completed a digitization project in Thailand in cooperation with the DIP and with support from the FIT/Japan IP Global.

Sharing-Best-Practices Workshop on Smarter IP Office Business Services

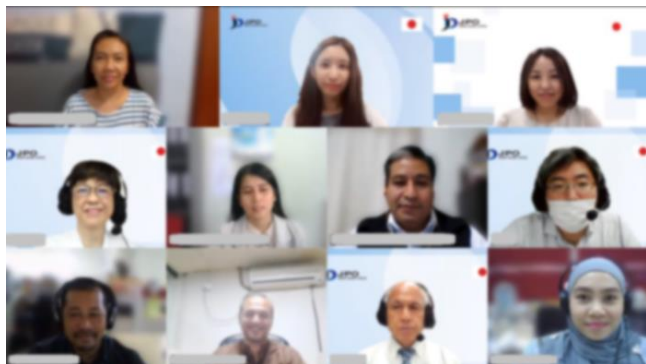
- From December 5 to 9, 2022, WIPO, together with the IPOPHL, co-organized a sharing-best-practices workshop on smarter IP office business services in Manila, the Philippines, with support from FIT/Japan IP Global.

Integration of WIPO CASE functionality within IPAS

- In 2022, WIPO completed a project to integrate WIPO CASE functionality within IPAS with support from the FIT/Japan IP Global.

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- JPO provided “JPO/IPR Training Course on Information Technology” online in 2022.
- 13 trainees who are involved with IT operations at IP offices from 8 countries completed the course.
- The course aims to enhance specialized expertise that is needed to improve the efficiency of business operations at IP offices by utilizing IT and to manage IP offices based on advancing IT infrastructure.
- The trainees also learned effective ways for using IP information and the overview of various tools for improving the efficiency of business operations.



Participating countries in 2022:
Bangladesh, Cambodia, Egypt, Lao PDR, Malaysia, Mexico,
Pakistan, Philippines

Thank you!