

# JPO Updates and Initiatives:

- Delivering Value to Global IP Stakeholders -



Facts & Basics



Users



Tech Trend



Global Network

# WHY JAPAN ? **"5 Reasons to Invest in JAPAN"**

## Reason 1

**World's Third Largest Economy**

**Total GDP**

**3<sup>rd</sup> in the World**

The Global Competitiveness Report 2019 (World Economic Forum)

## Reason 2

**Open as an Innovation Hub**

**Industrial clusters**  
(Tokyo-Yokohama)

**1<sup>st</sup> in the World**

Global Innovation Index 2021  
(World Intellectual Property Organization)

## Reason 3

**Excellent Business Environment**

**Adequacy of Regulatory and Administrative Systems**

**2<sup>nd</sup> in the World**

The Global Competitiveness Report 2019 (World Economic Forum)

## Reason 4

**Stable Infrastructure**

**Efficiency of Public Transport Services**

**1<sup>st</sup> in the World**

The Global Competitiveness Report 2019 (World Economic Forum)

## Reason 5

**Livable Society**

**City Safety**  
(Tokyo)

**1<sup>st</sup> in the World**

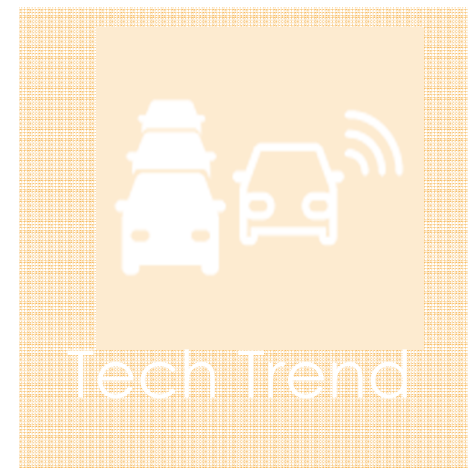
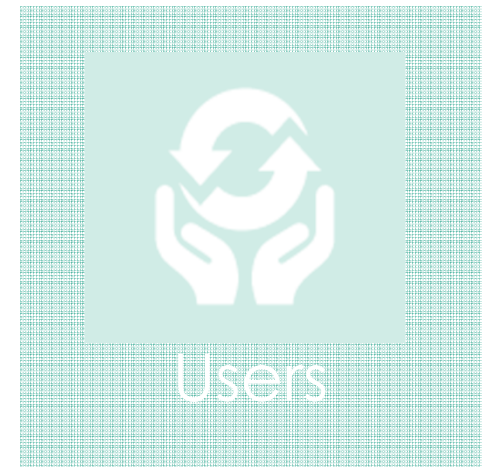
Safe Cities Index 2021 (The Economist Intelligence Unit)

Information in this slide is based on **WHY JAPAN? 5 Reasons to Invest in JAPAN** on **JETRO** website.

Please refer to "[https://www.jetro.go.jp/en/invest/investment\\_environment/](https://www.jetro.go.jp/en/invest/investment_environment/)" for further information.

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# Strengths of JPO

## Facts & Basics



### Speed

**10.1** months

First Action  
Pendency

FY 2021

**15.2** months

Total  
Pendency

FY 2021



### Quality

**95.1** %

Users' Satisfaction

(as neutral or higher)

FY 2021 Survey

Around **1,700**

Interview Practice

FY 2021



### Global

**45** IP Offices

PPH partners

Jan 2022

Over **95,100**

PPH based on  
JPO's  
Examination results

end of December 2020



## Speed: 3 Tracks to Choose

Facts & Basics

Normal



**Fast Track**  
Accelerated Exam.



**Super Fast Track**  
Super Accelerated Exam.

**10.1** months  
First Action Pendency

**15.2** months  
Total Pendency

FY 2021

Free of Charge

**2.6** months  
First Action Pendency

**5.6** months  
Total Pendency

FY 2021

**0.8** month  
First Action Pendency

**2.6** months  
Total Pendency

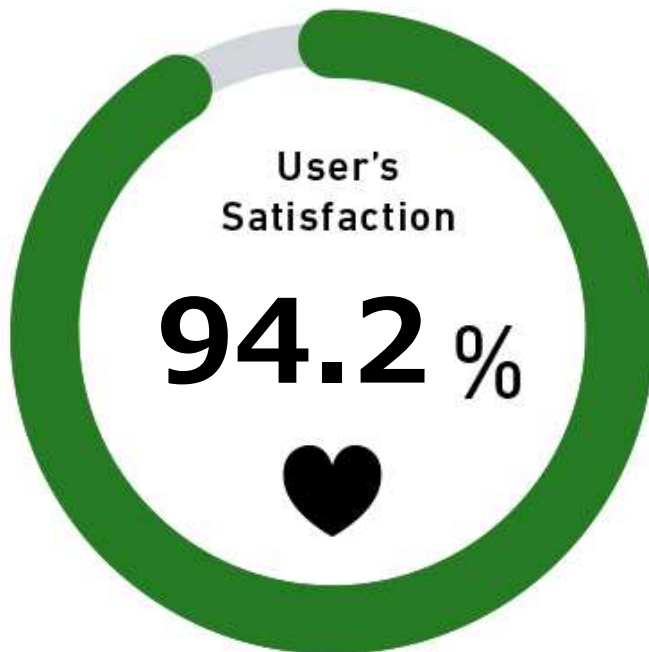
FY 2021



## Quality: High Evaluation by JPO Survey

Facts & Basics

### DESIGN



### PATENT



Number of subjects surveyed (patent)

- Domestic applicants: 562
- Foreign applicants: 42
- Patent attorneys: 50

### TRADEMARK



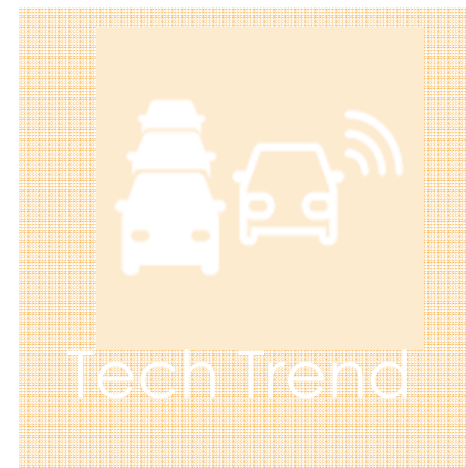
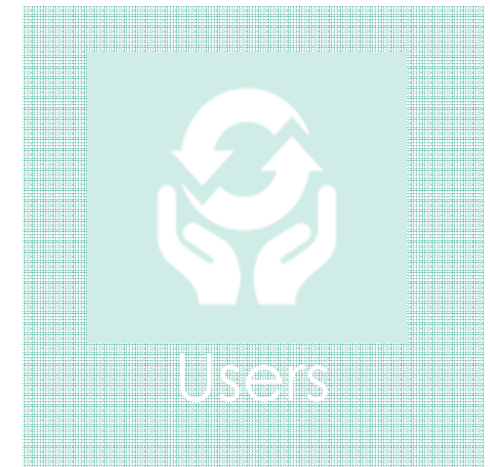
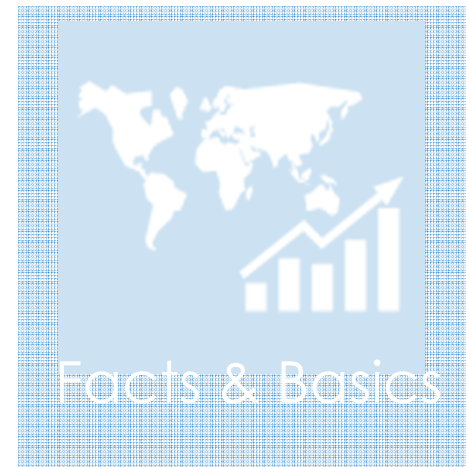
Percentage of neutral or higher in overall quality of examination on national applications,

Results of User Satisfaction Survey(FY 2021)

<https://www.jpo.go.jp/e/resources/report/user/2021-tokkyo.html> (patent)

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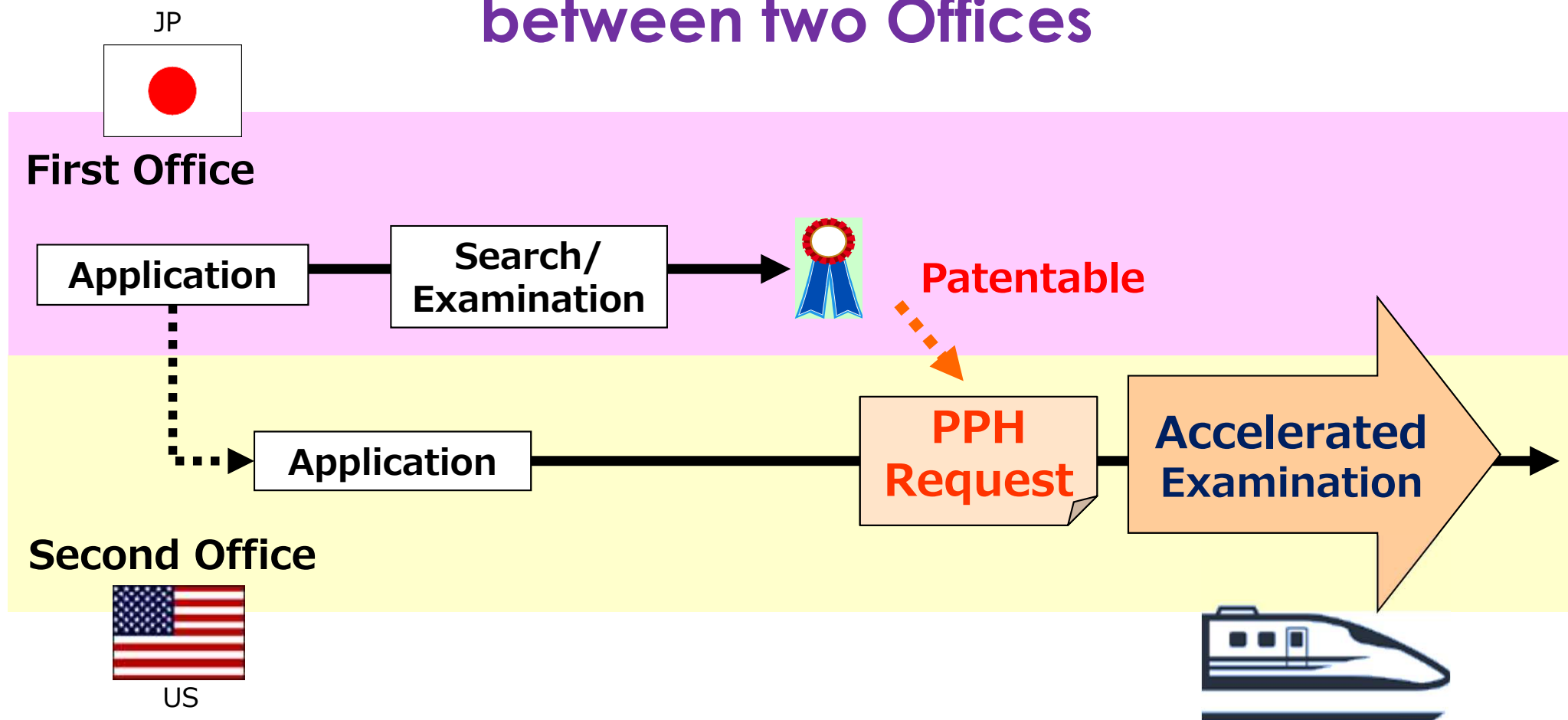






# Patent Prosecution Highway (PPH)

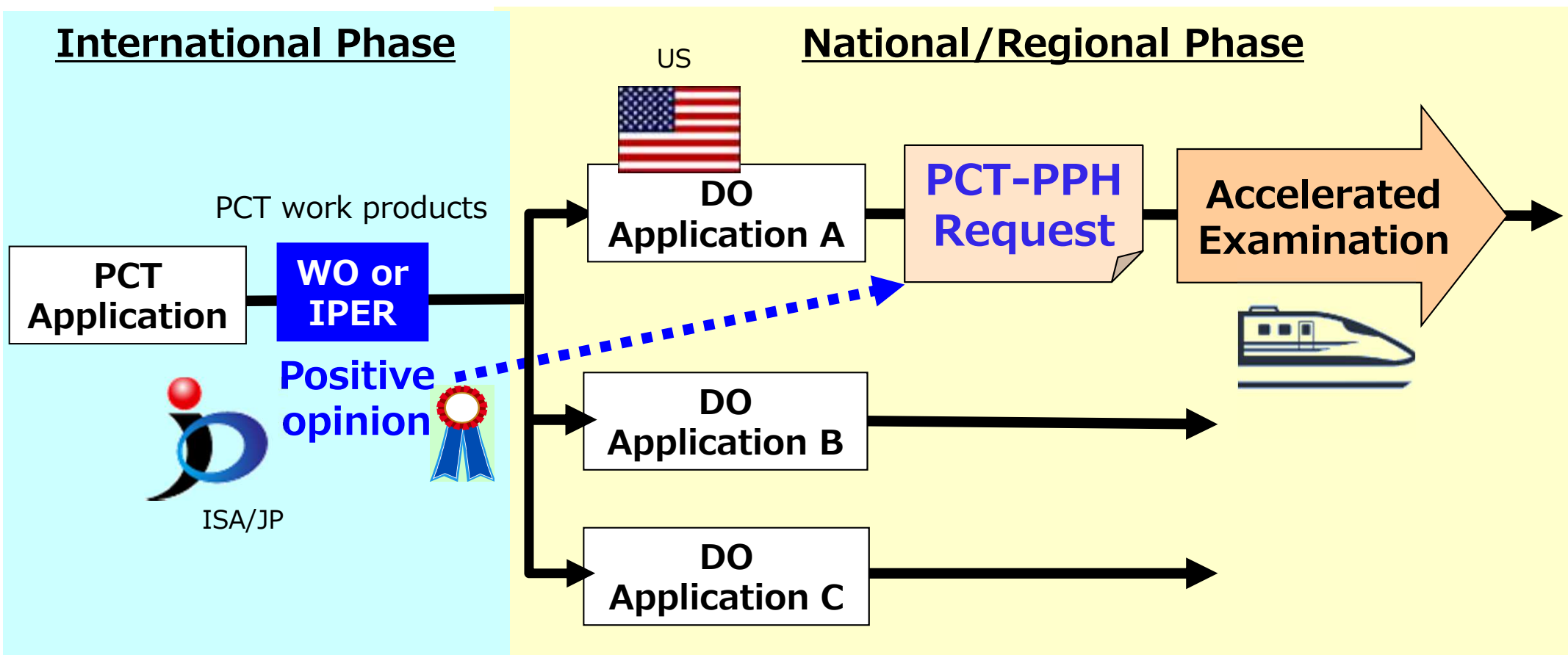
## Examination Cooperation Program between two Offices







## PPH based on PCT international work products including WO and IPER





# Global Patents with JPO as a starting point

With  
**45**  
IP Offices

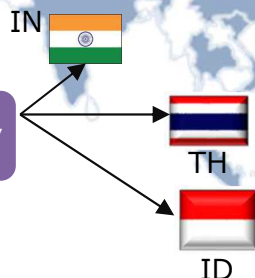
**Largest PPH network** in the world  
based on JPO's reliable examination results

Grant



JPO's PPH network

- Faster
- Higher Grant Rate
- Lower Cost

PPH with JPO only



Number of PPH partner Offices (2022.1)

	JP	US	KR	CN	EP
PPH (all)	<b>45</b> 	<b>36</b>	<b>35</b>	<b>29</b>	<b>16</b>
PCT PPH	<b>39</b> 	<b>33</b>	<b>31</b>	<b>24</b>	<b>16</b>

Countries/Regions with PPH partner offices of JPO (purple colored)

<https://www.jpo.go.jp/e/system/patent/shinsa/soki/pph/index.html>



# Benefits of PPH for applicants



**Faster**  
Patent grant

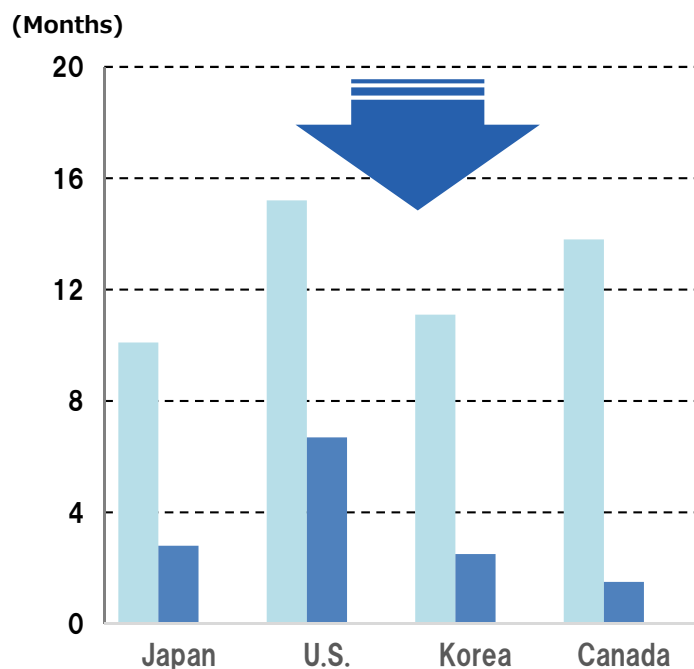


**Higher**  
Grant rate

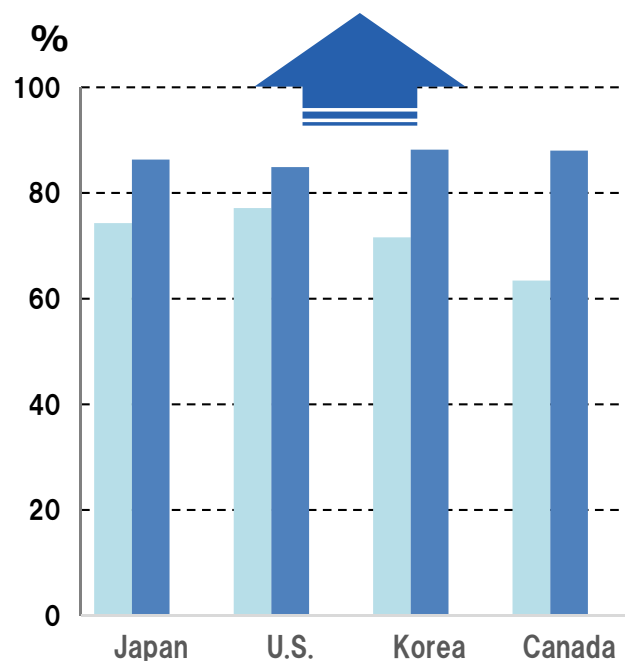


**Lower**  
Prosecution costs

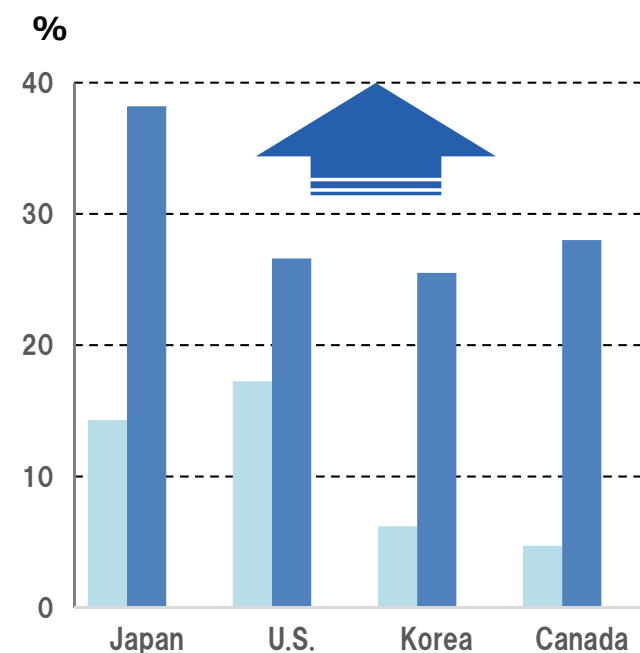
First Action Pendency



Grant Rate



Grant Rate at the First Action

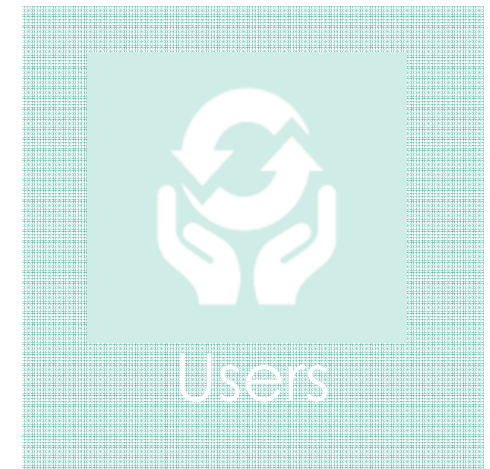
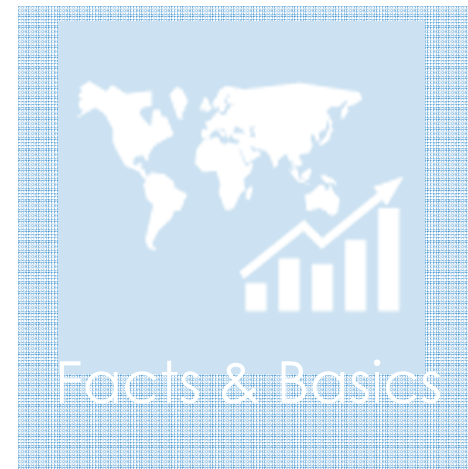


■ All applications    ■ PPH applications

(Stat: Jul. 2021~Dec. 2021)

# JPO Updates and Initiatives:

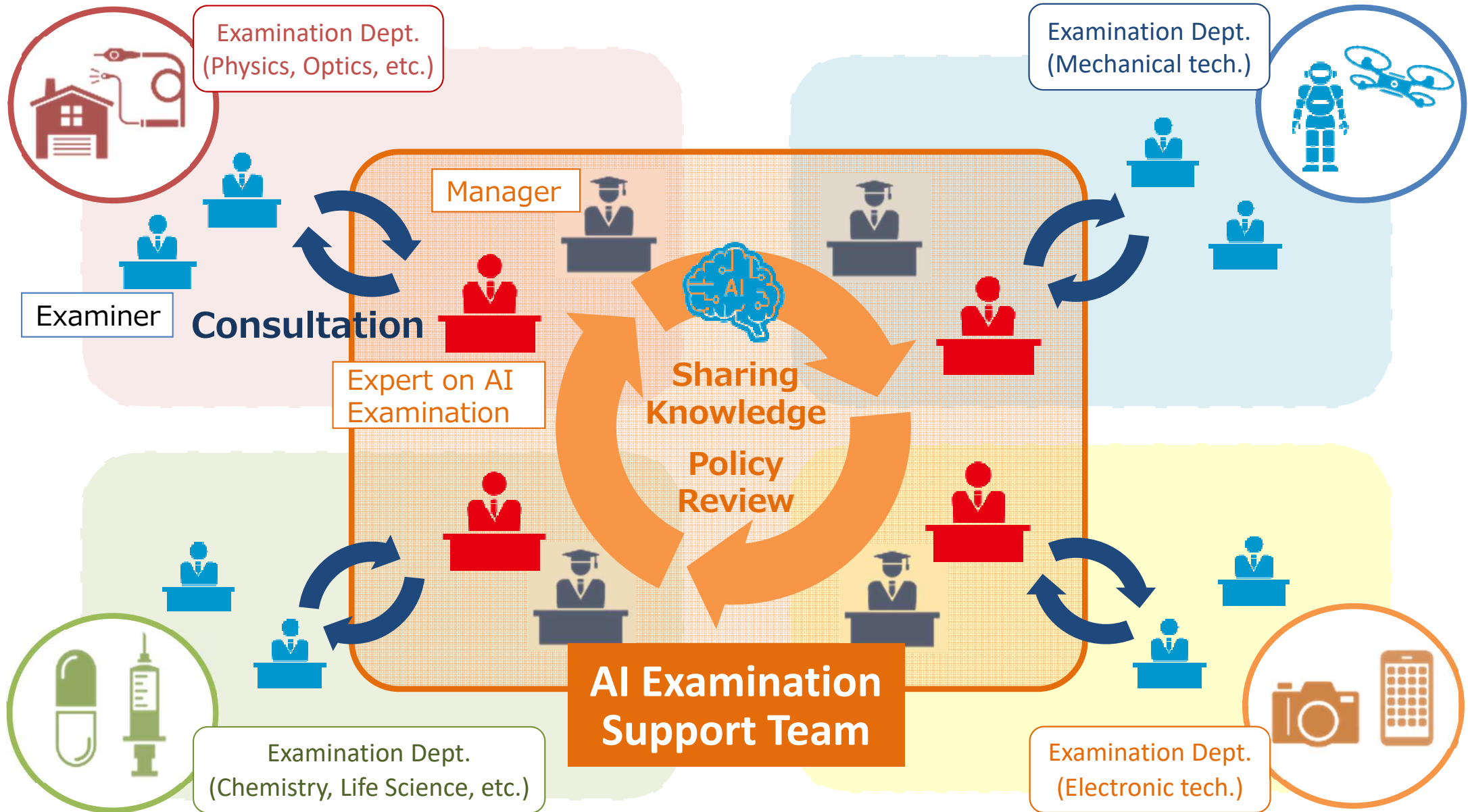
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# AI Examination Support Team

Tech Trend







# Manga Patent Examination Guidelines – AI/IoT fields –

## Japanese “Manga”

### Examination Guidelines in Manga AI/IoT Edition



Ai

President of a venture company that develops artificial intelligence software. Very energetic and maverick.



Ota

Young staff member working at Ai's company with law degree. Gentle character, always having trouble because of Ai's constant demands.

Shinsaki Jun

Patent examiner at the Japan Patent Office. Ota's reliable senior at university and gives Ai and Ota useful advice on how to protect their AI software.



AI  
& oTA  
Shinsaki Jun

1

**A4 : Drone**

**Claimed invention**

(2-1) Selecting drone A, intended to target to be monitored on the basis of terminal position information.

(2-2) Sending terminal position information to selected drone A.

(2-3) Performing flying control on the basis of drone position information and terminal position information.

**Prior art**

(2-1) Selecting drone B corresponding to terminal identification information.

(2-2) Sending terminal identification information and terminal position information to selected drone B.

**Answer : Not novel**

Since this claim is a sub-combination, consider how the statement (another sub-combination) of function, etc. of the "drone".

The selected "drone" is just getting the terminal position information from the administrative server, right?

So in the end, the drone selects administrative server side has function, etc. of the "drone".

**Broad claims are likely to lack novelty or inventive step**

Claims

Claim 1: A cup made of metal.  
Claim 2: A cup made of aluminum.

Prior art: A cup made of stainless steel.

Stainless is not specified in the claims or of the application, but it is included in the prior art.

Claim 1 : lacks novelty  
Claim 2 : has novelty

Make sure your claim is different from the prior art.

✓ A broad claim is difficult to differentiate from the prior art, and is likely to be denied novelty or inventive step.  
✓ It is often the case for the applicants that a broad claim is initially tried and then amended to correspond to the prior art cited by the examiner.

Easy to understand  
for everyone



jpo manga

Search !

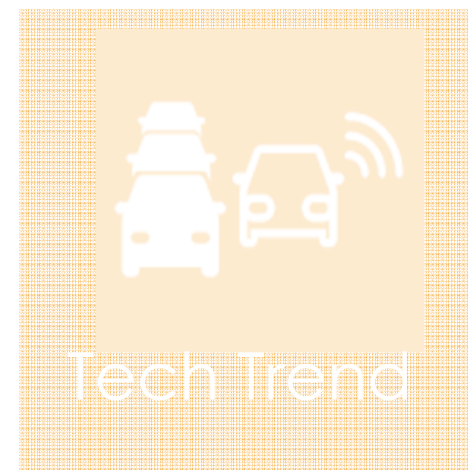
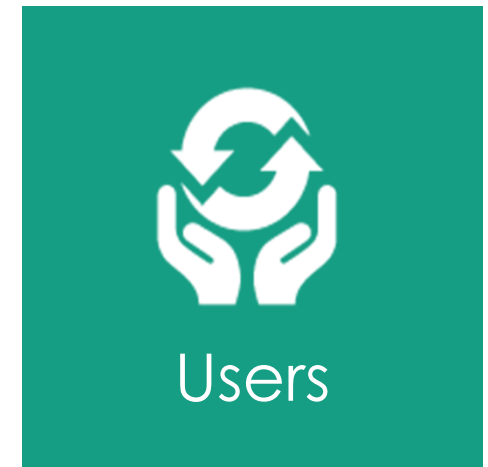


YouTube



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# Interview with Patent Examiner

## When?

At any stage of examination.

## How to request

Ask your agent in Japan to contact the examiner.

## Requirements

Participation of your agent in Japan (Online participation is acceptable).

An interpreter may be required in case of complicated technology.

## Online Interview

Online interview is conducted via Internet.

There are no restrictions on the location of the participants.



Around

**1,700**

Interview cases in FY 2021

The examiner accepts a request at least once



Communication in English is available



No additional fee



# Foreign language application / Correction of mistranslation<sup>User</sup>

Time  
↓

## Japan

Application Phase

## Country A



ANY Language



Claims, Description

translation



Local Language

translation

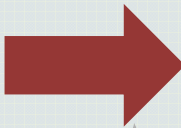


Japanese

May include mistranslation...



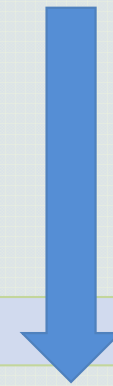
ANY Language



Japanese



Amendment Phase



Local Language

Possible to correct mistranslations!

No chance to correct mistranslation...



# Collective Examination for IP Portfolio (CEIP)

## What?

Package Examination for an entire product/service.

Cross-sectional examination of multiple (types of) IP applications.

Grant rights at the best timing.

## How to request

Some documents are required in the request.

Contact the JPO directly  
-> PA2160@jpo.go.jp

## Requirements

All of applications are related to a new or international business.

Explanation of business project and relevance of applications in a hearing or interview.



IP portfolio related to the same business project



No additional fee



To support development of business projects



# Green Transformation Technologies Inventory (GXTI)

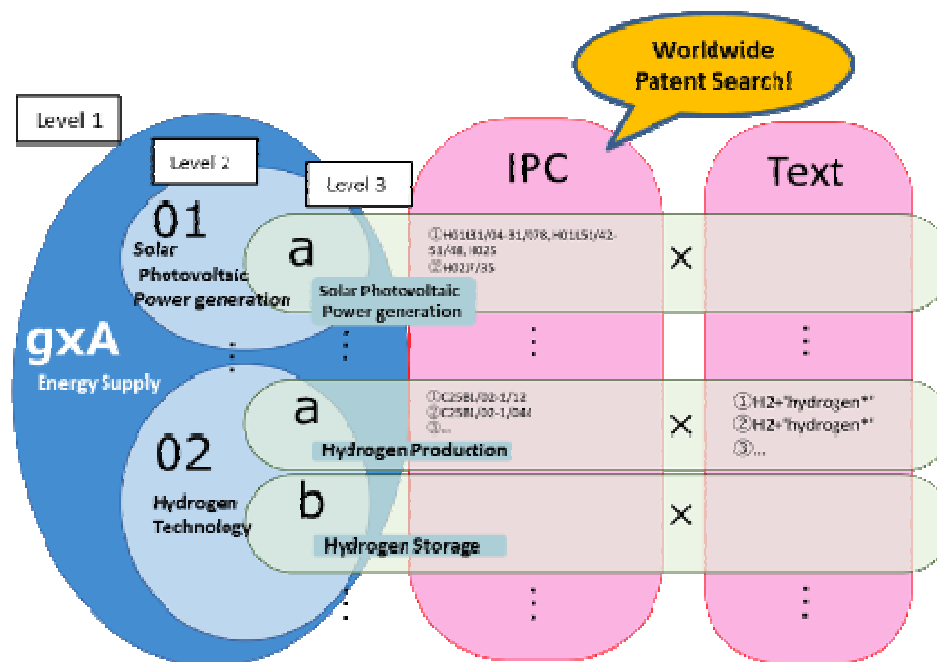
## ● Five GX Technologies and Four Perspectives for Cross Tabulation

GXTI contains five large technology categories gxA-gxE; and a cross tabulation gxY. GxY contains four perspectives: gxY01-gxY04. (The number of patent documents in gxY is an inner number of the number of patent documents in gxA-gxE. )

	gxY01 Control 	gxY02 Measuring 	gxY03 Business 	gxY04 ICT 
gxA Energy Supply	gxY01×gxA -gxY01a	gxY02a	gxY03a	gxY04a
gxB Energy Saving, Electrification, Demand-Supply Flexibility	gxY01b	gxY02b	gxY03b	gxY04b
gxC Batteries, Energy Storage	gxY01c	gxY02c	gxY03c	gxY04c
gxD CO2 Reduction in Non-Energy Sector	gxY01d	gxY02d	gxY03d	gxY04d
gxE Capture, Storage, Utilization and Removal of Greenhouse Gas	gxY01e	gxY02e	gxY03e	gxY04e

## ● Hierarchical Structure of GXTI and patent search formulae

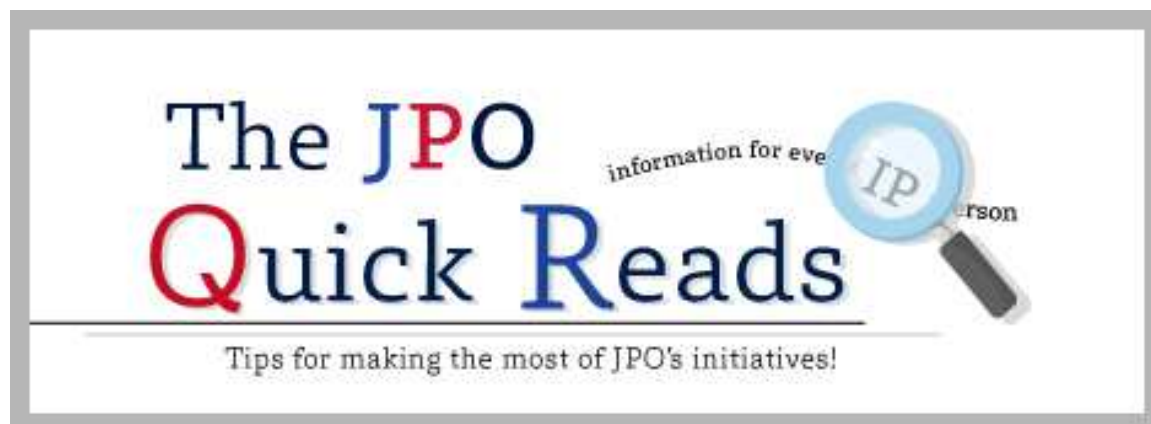
The GXTI consists of three levels of hierarchy as follows:  
Level 1 (comprises 6 large categories)  
Level 2 (comprises 32 medium categories)  
Level 3 (comprises 86 small categories)  
Each small category in Level 3 is linked to patent search formulae which consist of either International Patent Classifications (IPCs) or combinations of IPCs and texts.





## JPO Twitter

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# Thank you!



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