



Recent Updates From CNIPA For Patent Application and examination

Sep 2018

CHEN PEI

CONTENTS

01 | **Main Progress of CNIPA in 2017**

02 | **Key Figures of CNIPA in 2017**

03 | **Patent Application and Examination**

CONTENTS

01 | **Main Progress of CNIPA in 2017**

National IP Strategy



**General Scheme
for Experimental
Reform on Integrated
IP Administration**

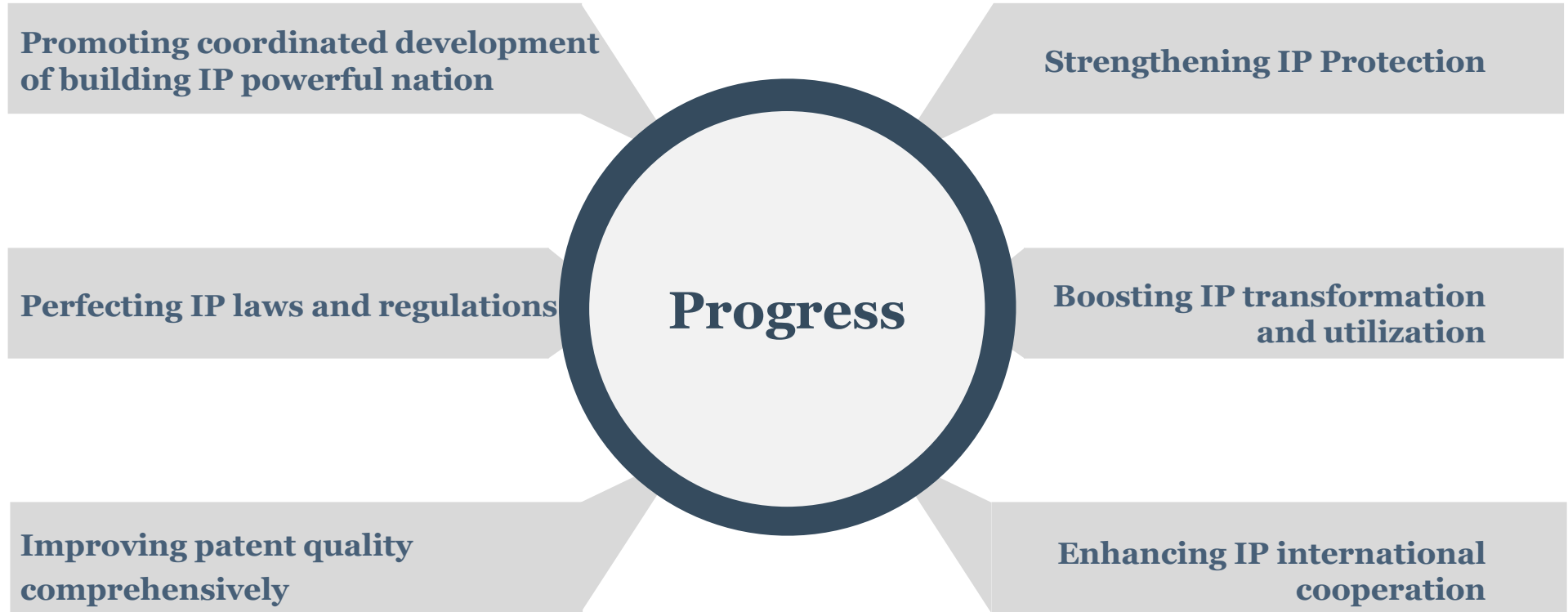


**National IP Protection
and Utilization Plan
under the 13th
“Five Year Plan”**



**12 valid patents
per every ten thousand
population**

Main Progress in 2017



Main Progress of CNIPA in 2017

- 1 Promoting coordinated development of building IP powerful nation**
- 2 Perfecting IP laws and regulations**
- 3 Improving patent quality comprehensively**
- 4 Strengthening IP Protection**
- 5 Boosting IP transformation and utilization**
- 6 Enhancing IP international cooperation**

Main Progress of CNIPA in 2017

Country/Economy	Score (0–100)	Rank
Switzerland	68.40	1
Netherlands	63.32	2
Sweden	63.08	3
United Kingdom	60.13	4
Singapore	59.83	5
United States of America	59.81	6
Finland	59.63	7
Denmark	58.39	8
Germany	58.03	9
Ireland	57.19	10
Israel	56.79	11
Korea, Republic of	56.63	12
Japan	54.95	13
Hong Kong (China)	54.62	14
Luxembourg	54.53	15
France	54.36	16
China	53.06	17
Canada	52.98	18
Norway	52.63	19
Australia	51.98	20

GII

24



17



CONTENTS

02 | **Key Figures of CNIPA in 2017**



Key Figures of CNIPA in 2017

2017 invention patent applications, patents in force, PCT applications etc.

1.38
Million

Patent
Applications

+14.2
%

Patent Concluded (10,000)



22 Months

Average Grant Period

5.1
(10,000)

PCT
Applications

+12.5
%

Patents per 10,000 Inhabitants

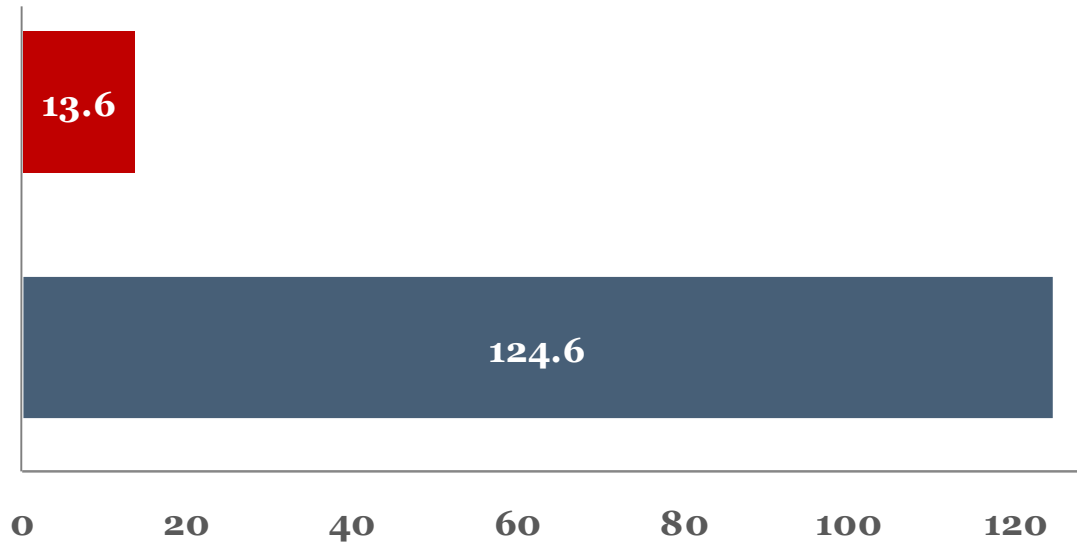


1.36 Million total

Key Figures of CNIPA in 2017

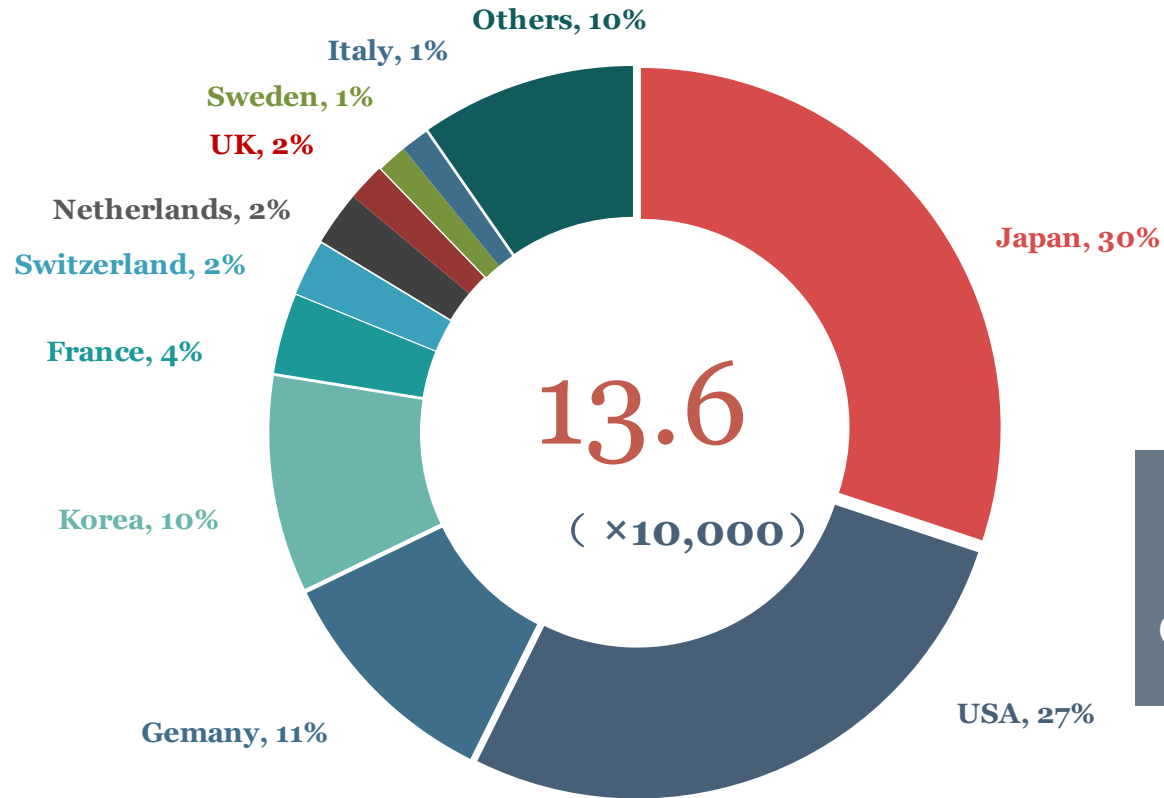
2017 Domestic and Foreign Invention Patent Applications

■ Domestic Applications ■ Foreign Applications [×10000]



Key Figures of CNIPA in 2017

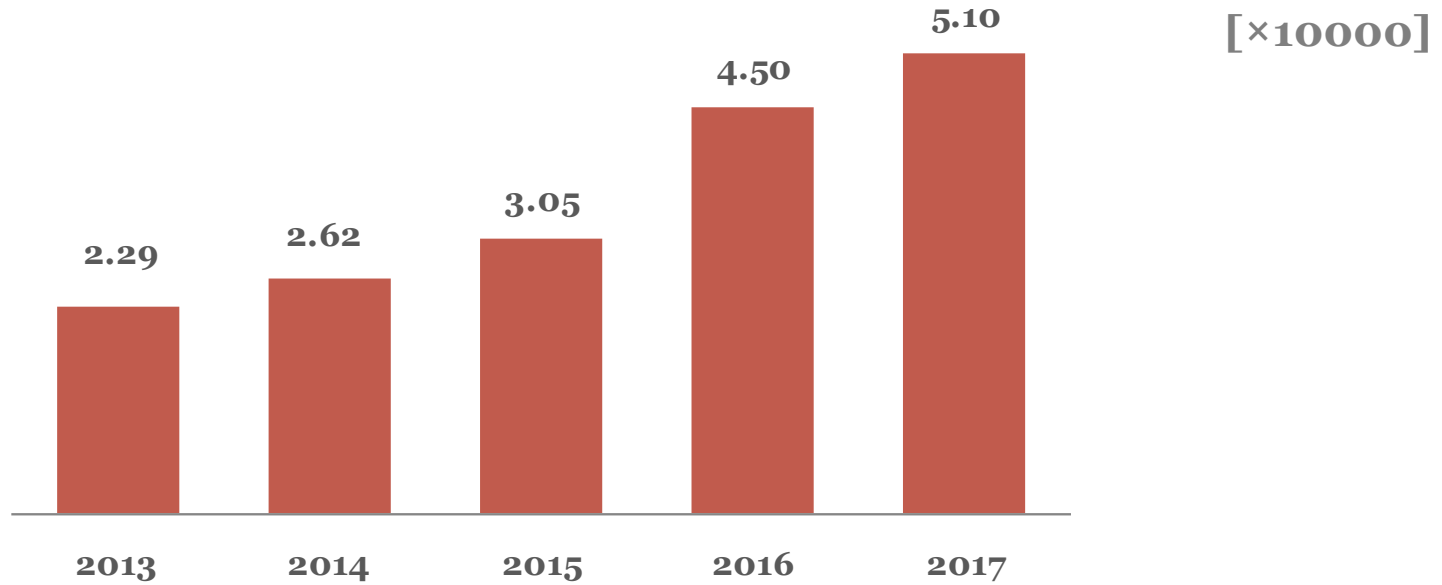
Top 10 Foreign Countries for Invention Patent Applications in 2017



174
Countries & Regions

Key Figures of CNIPA in 2017

2013-2017 PCT Application Received



Key Figures of CNIPA in 2017

2017 Invention Patents Granted by SIPO

[10000 application]

42.0

32.7

+8.2%

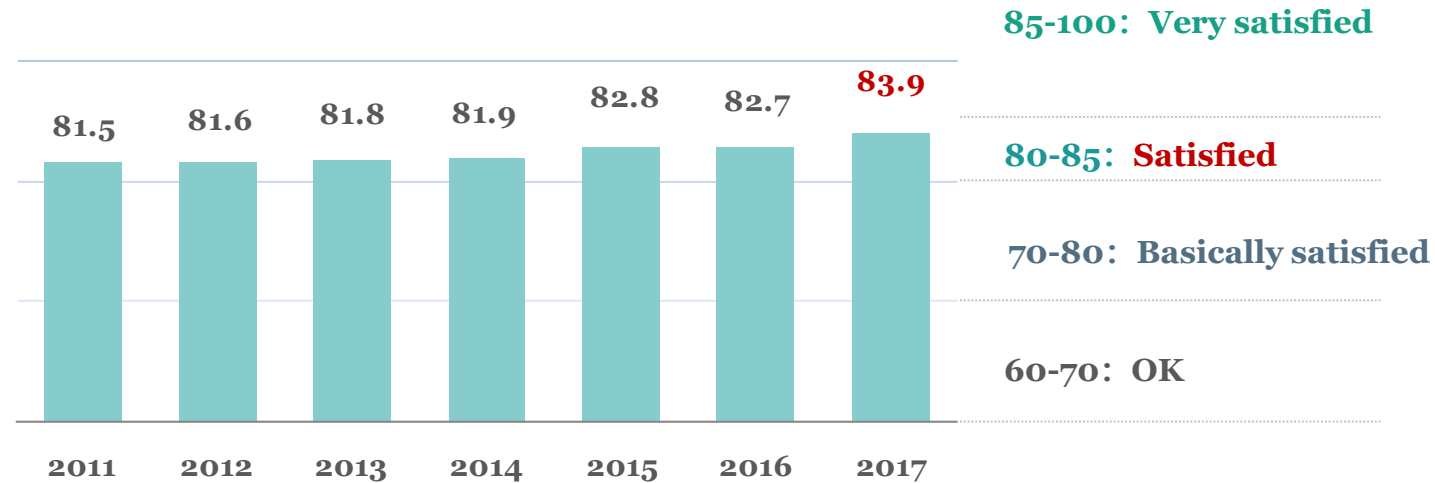
Total Grants

Domestic Grants

Key Figures of CNIPA in 2017

- Examination Quality Assurance Manual
- Examination quality assurance system and examination guidance system
- Revising Guideline for Patent Examination: business models, computer programs...

User Satisfaction Survey on Examination in 2011-2017



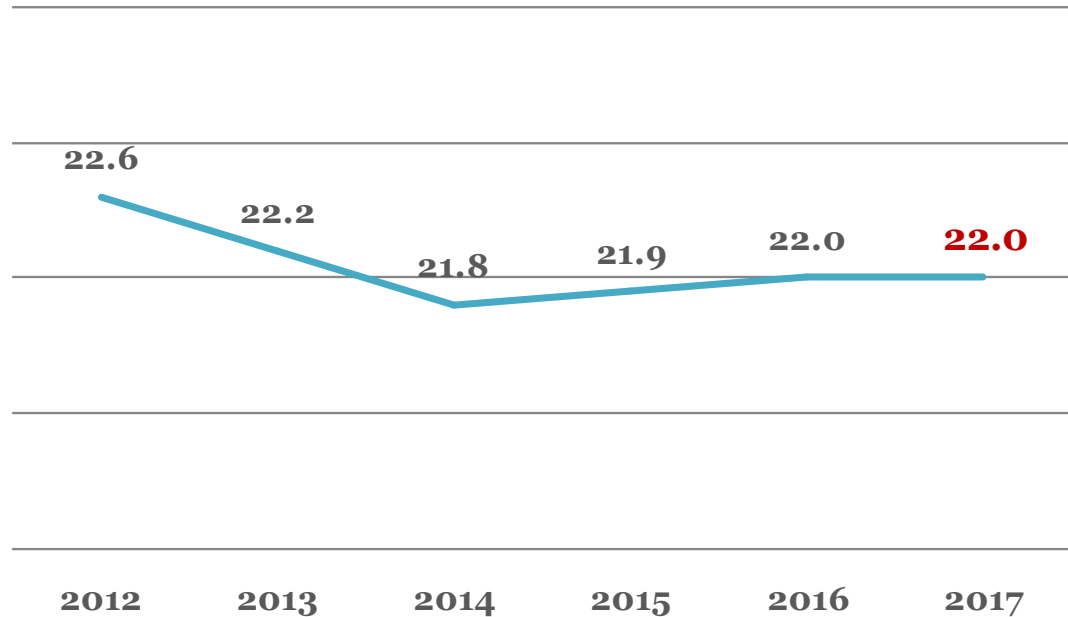
Key Figures of CNIPA in 2017

- Improve IT systems supporting examination
- Develop multiple examination modes
- Optimize examination resources
- Prioritization examination



Examination Periods in 2012-2017

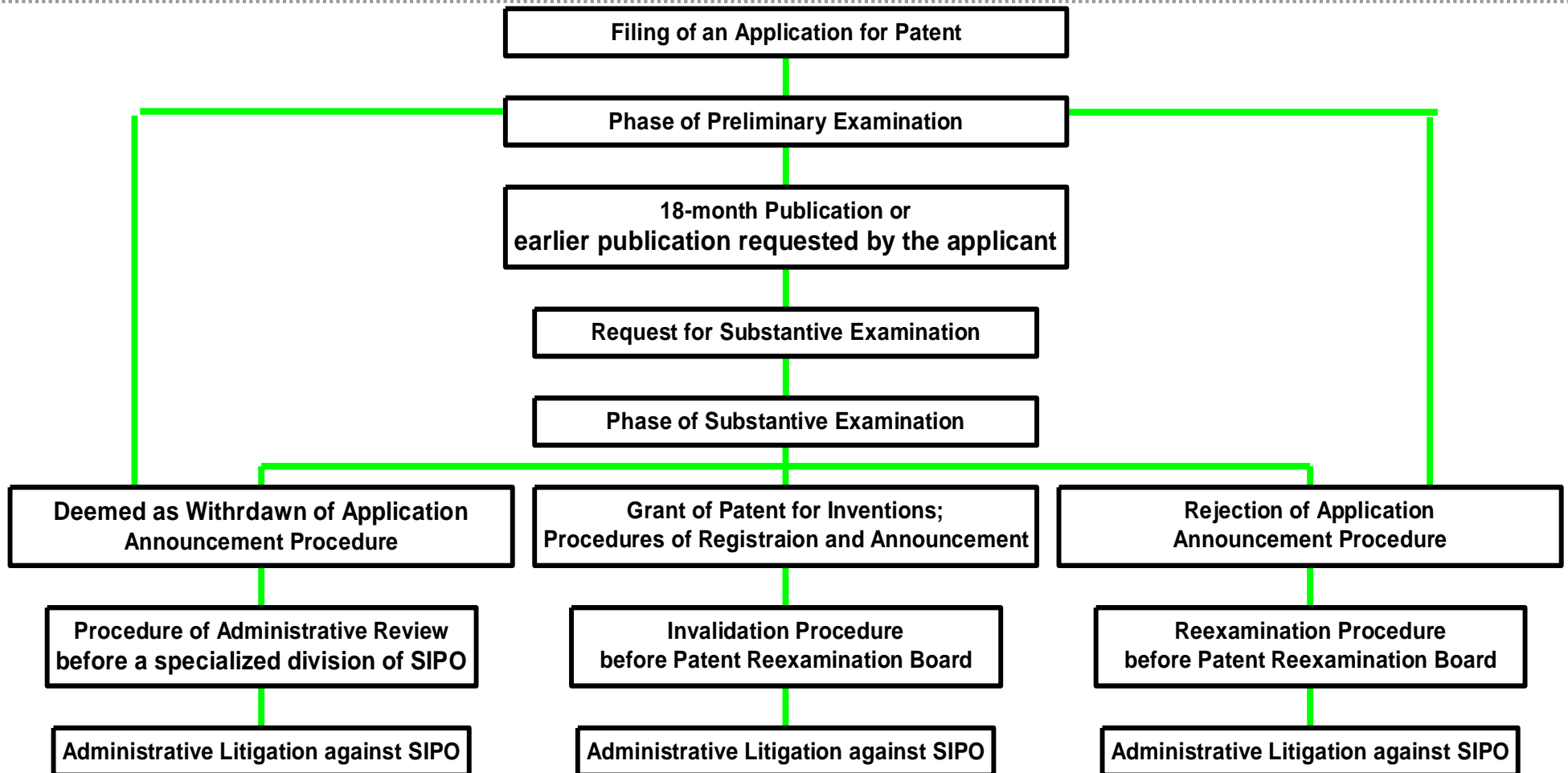
(Unit: month)



CONTENTS

03 | Patent Application and Examination

Patent Application and Examination



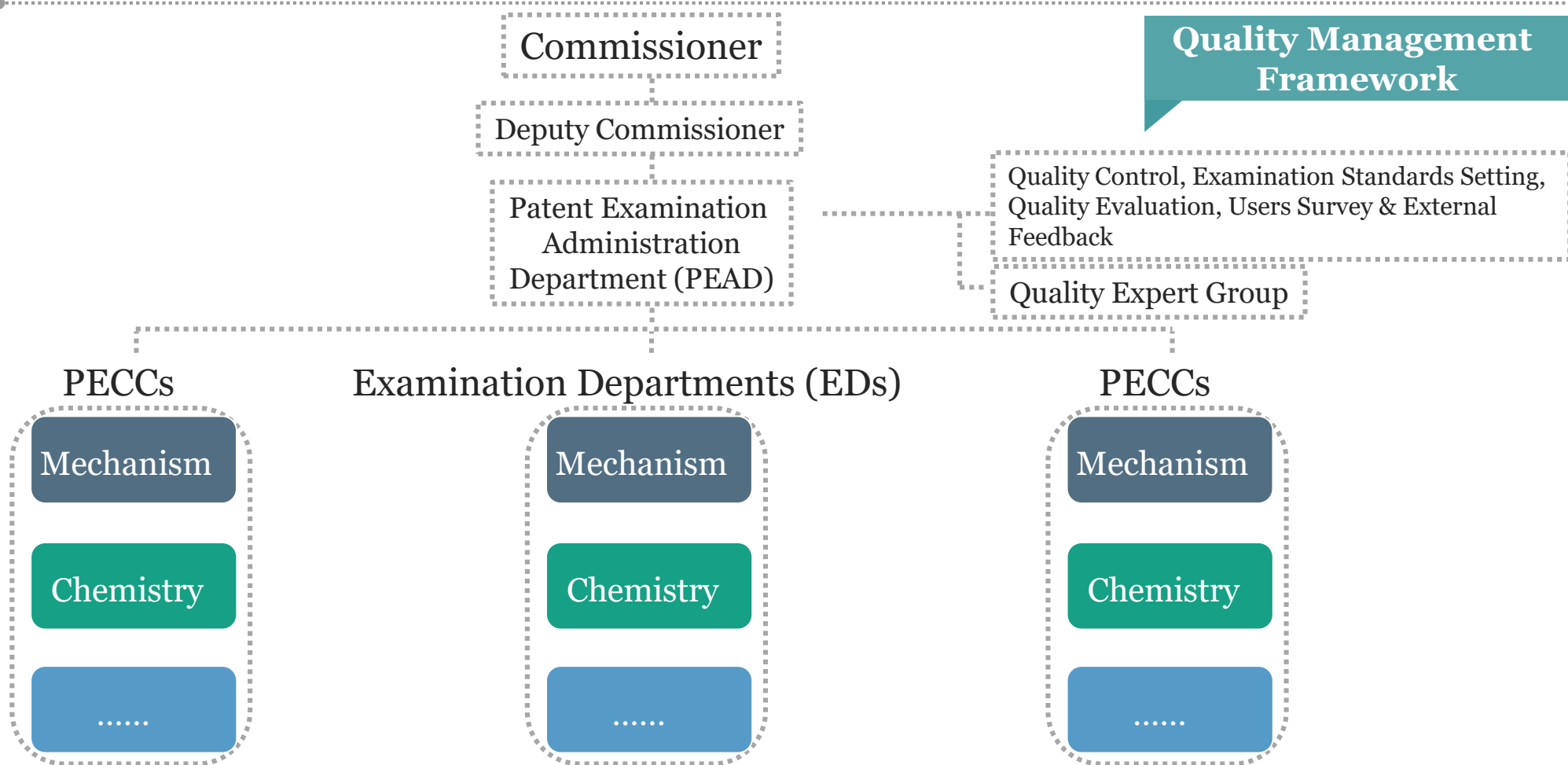
Patent Application and Examination

Utility Models and Designs Without Substantive Examination

Substantive Examination For Invention Applications

- **End Process:**
 - ✓ Grant
 - ✓ Rejection
 - ✓ Deemed withdrawn
 - ✓ Withdrawn by applicants

Quality | Examination Quality Management Organization



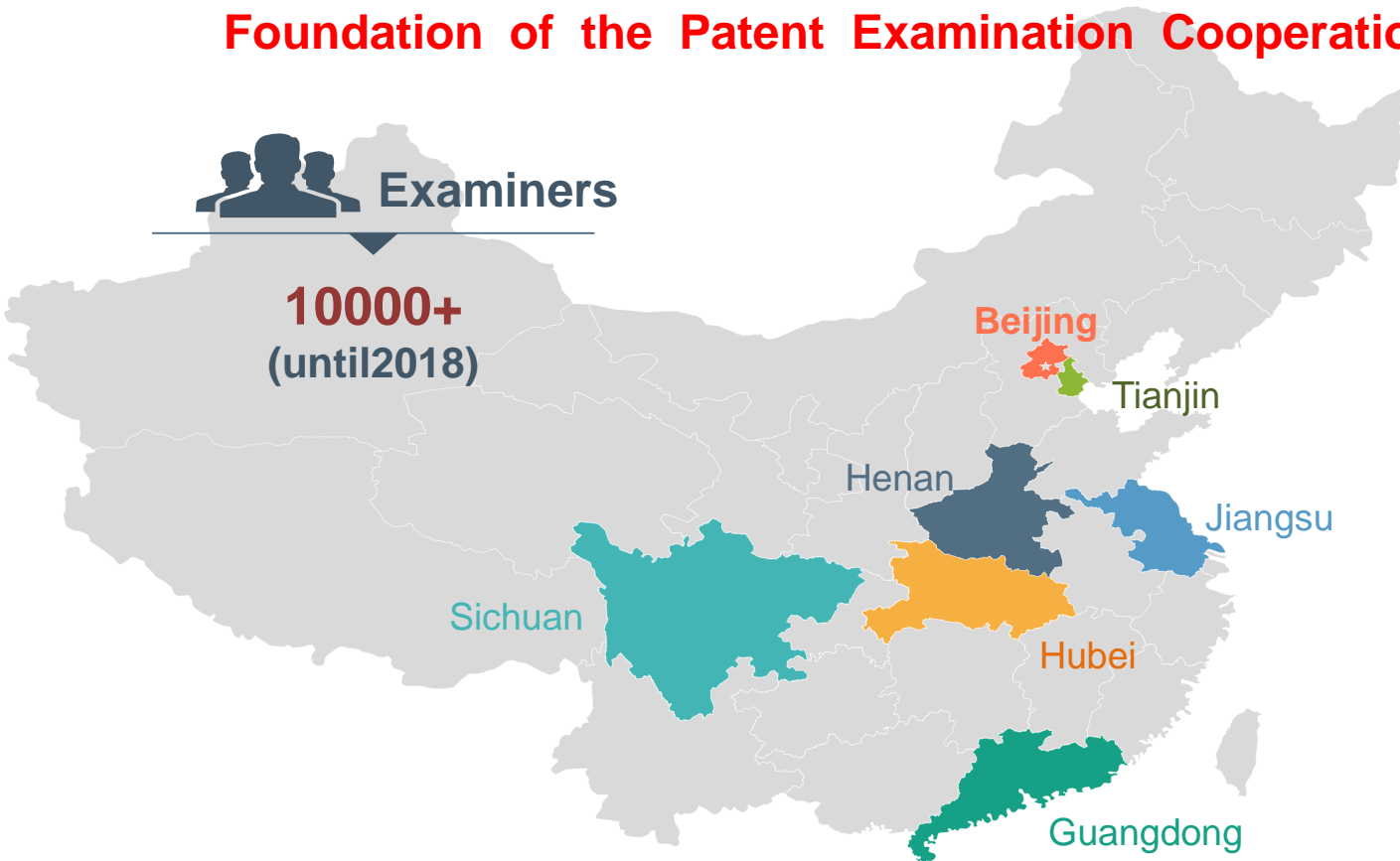
MEASURES OF PENDENCY MANAGEMENT

◆ Building Examiners Team

Foundation of the Patent Examination Cooperation Center



10000+
(until 2018)



2001 ○ Beijing

2011 ○ Jiangsu

2011 ○ Guangdong

2012 ○ Henan

2013 ○ Hubei

2013 ○ Tianjin

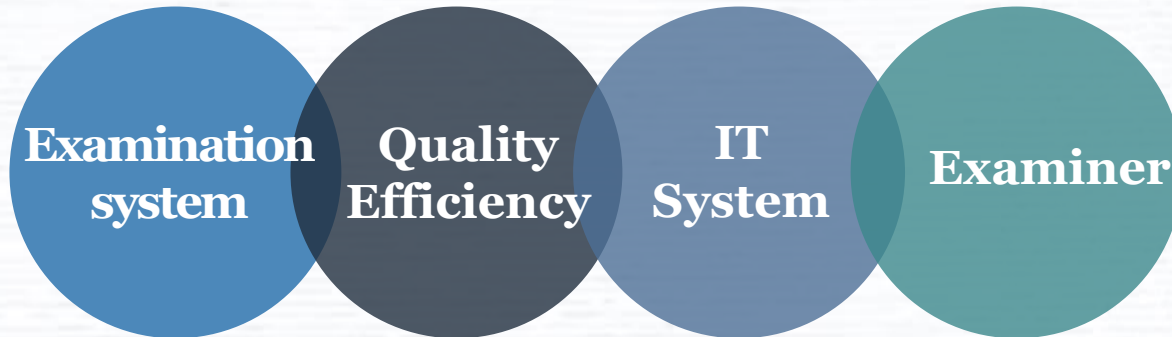
2013 ○ Sichuan



Priorities

> **Improve Examination**

- Focus on Emerging technology
- Regular revising Guideline for Patent Examination
- Prioritization examination



- Examiner in Emerging tech fields
- Compound talents
- Joint training program with enterprises and institutes

Examination quality assurance system and examination guidance system
Multiple examination modes
Optimize examination resources

With application of AI, big data in IT system

QMS based on PDCA Circle

Plan

Quality Assurance Requirement
Quality Management Plan

Do

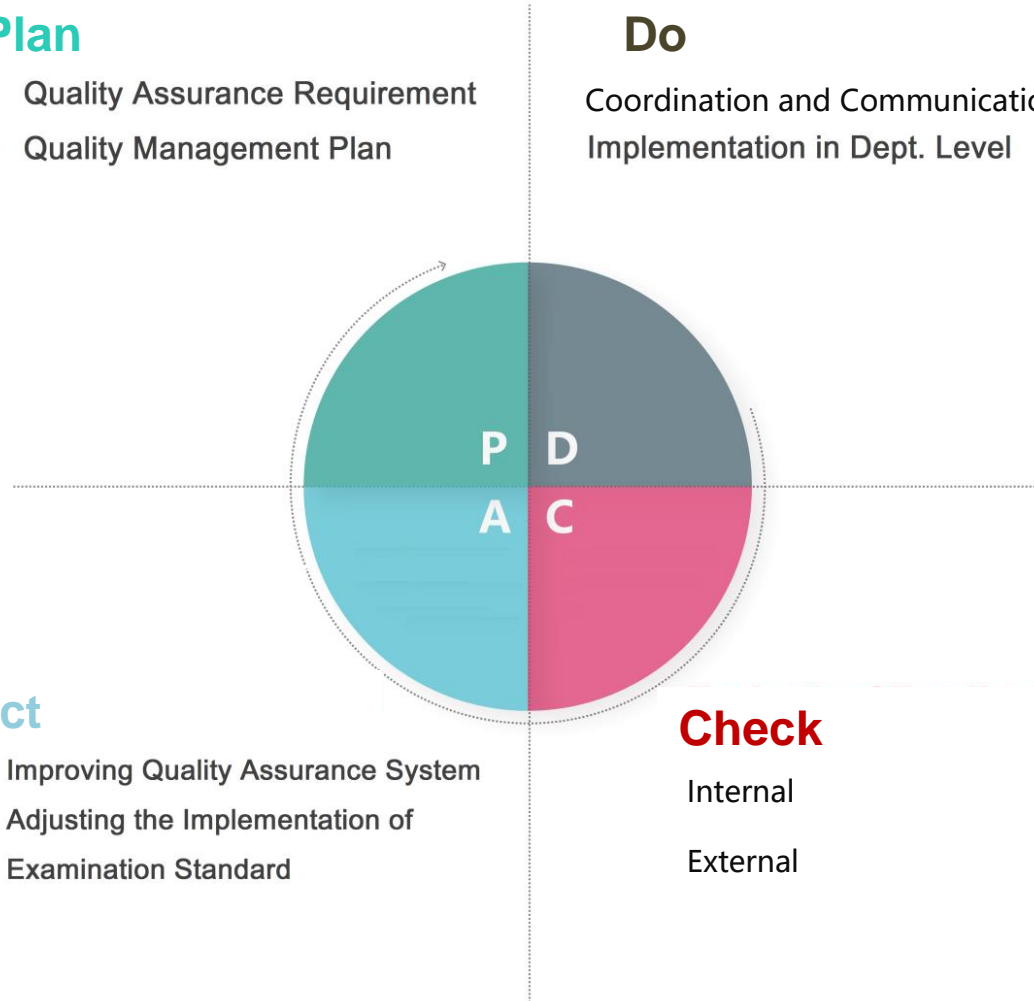
Coordination and Communication in Office Level
Implementation in Dept. Level

Act

Improving Quality Assurance System
Adjusting the Implementation of
Examination Standard

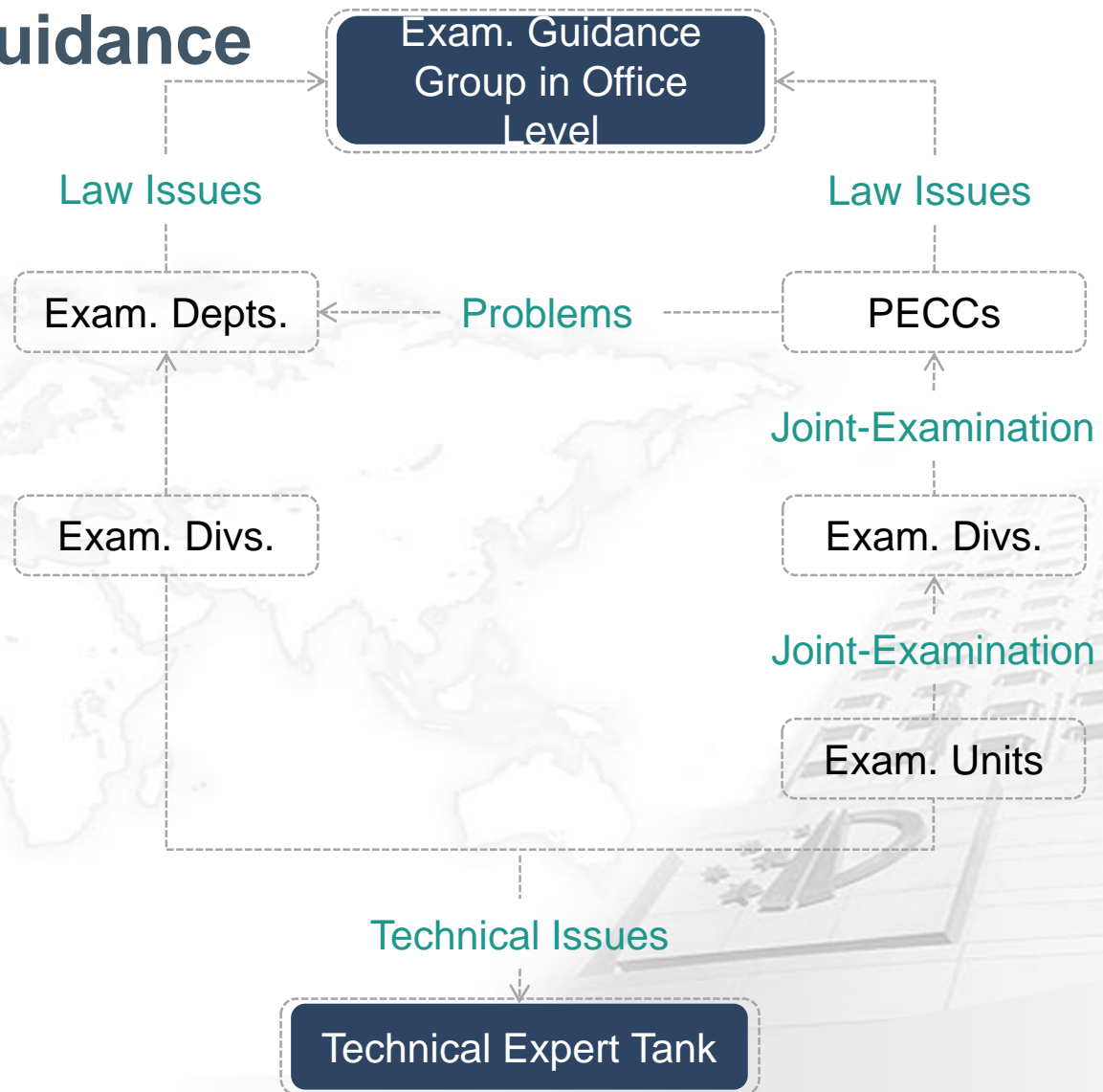
Check

Internal
External



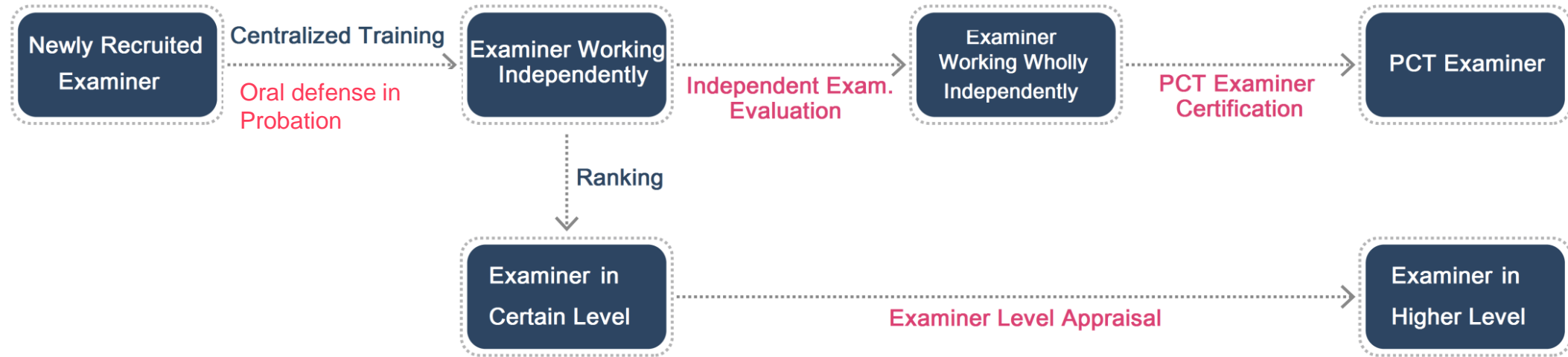


Exam. Guidance





Ability Certification





Ability Improvement

Search Ability

- Transverse Exchange on Search
 - Since 2013
 - **2000+** Cases
- Search Instruction Manual
 - Since 2011
 - **121** technical fields
 - IP5 project

Ability of Understanding and Applying Law

- Academic Forum
 - Focusing on policy and law
 - Irregularly held
- Case Sharing
 - Examination Case Bank
 - Issuing case set annually

Patent Examination Complaint Platform

Covering the whole process of patent exam

The main types are examination pendency, examination opinion, flow affairs, etc.

Complaints can be replied within 10 workdays, Above 90% are replied within 5 workdays.



Examiner and Attorney Conference

According to different fields

Holding annually

Covering substantive exam., utility model, industrial design, preliminary exam., re-exam., invalidation. etc.



Highlights



**Exam Plan under
the National 13th
“Five Year Plan”**



**Latest Amendments of
Examination Guideline**



**Patent Quality
Enhancing Project**





Thank you!