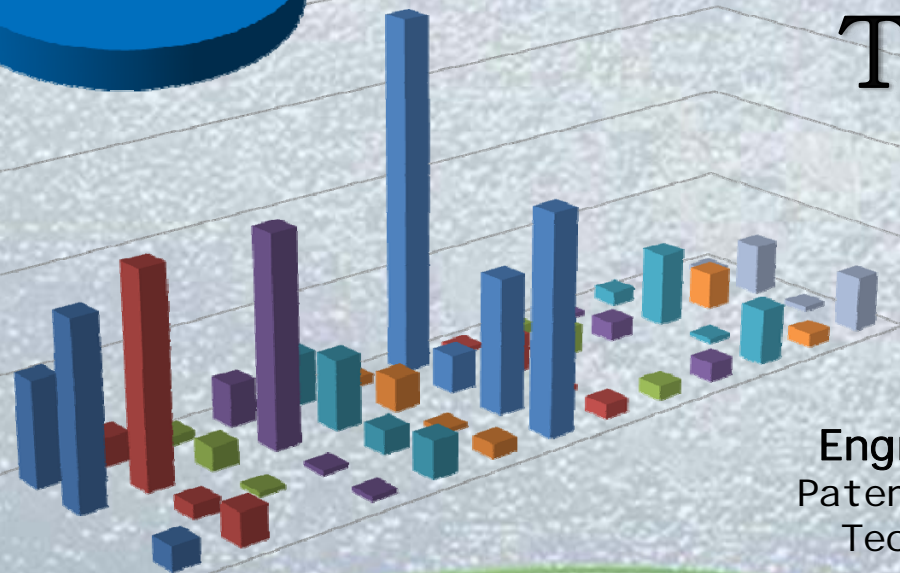
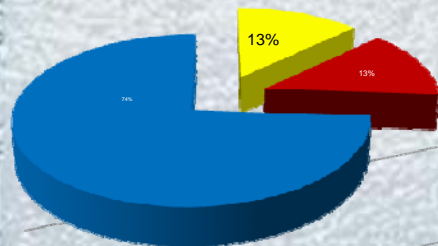
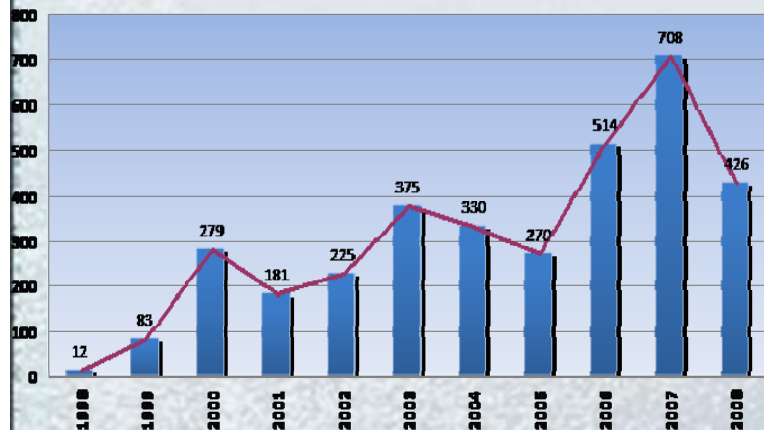
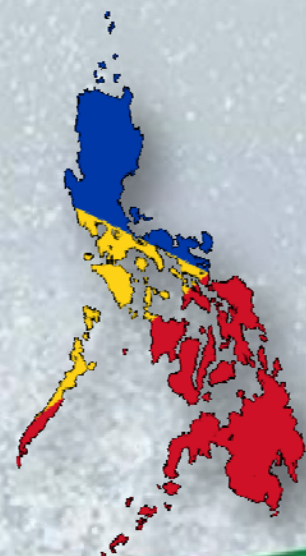


# PATENT ANALYTICS SERVICES of the INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES



Engr. VIRGINIA F. AUMENTADO  
Patent Information Analytics and  
Technology Monitoring Division  
(PATMD)



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## TOPICS

Introduction on IPOPHL

Innovation Support Strategies

Patent Mapping/Analytics in  
PH

Activities for 2014  
Gaps



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# THE IP SYSTEM OF THE PHILIPPINES



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# INTELLECTUAL PROPERTY CODE of the PHILIPPINES

[ Republic Act 8293 ]

The  
Intellectual  
Property  
Office of the  
Philippines

is the government  
agency charged with  
the implementation of  
the law protecting  
intellectual property  
rights in the  
Philippines.



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# State Policy

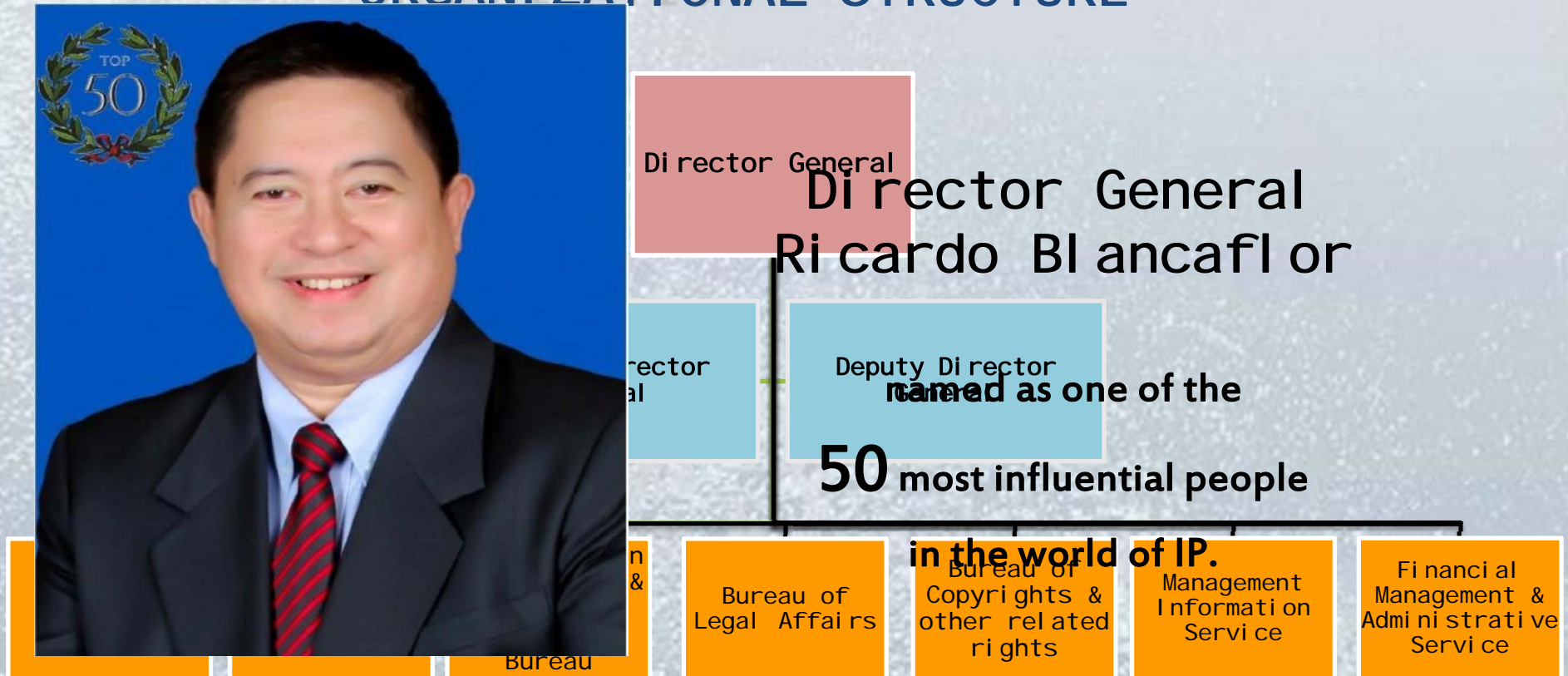
*"...an effective intellectual property system is vital to the development of domestic and creative activity, facilitates transfer of technology, attracts foreign investments, and ensures market access for our products. (Thus, the State) shall protect and secure the exclusive rights of scientist, inventors, artist and gifted citizens to their intellectual property and creations, particularly when beneficial to the people, for such periods as provided in this Act."*



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# INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES (IPOPHL)

## ORGANIZATIONAL STRUCTURE



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# IPOPHL, THE ONLY IP OFFICE IN ASIA WITH 2 ADR MECHANISMS (MEDIATION & ARBITRATION)



DDG Andrew Ong, DG Ric Blancaflor, PDRCI President Atty. Victor P. Lazatin, and Dean Custodio O. Parlade during the IPOPHL-PDRCI MOA Signing and Arbitration Launch on April 1, 2011



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because we can...



**IPOPHL successfully passed the 1st Surveillance Audit**

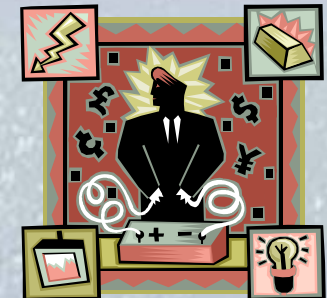
This audit result merits  
continued certification to  
ISO 9001:2008 of the IPOPHL  
Quality Management System



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# IPOP HL MISSION

We are a knowledge-driven government organization that works towards economic, technological, and socio-cultural development by communicating, enabling, and ensuring the effective use of the Intellectual Property System in all levels of society for the creation, protection, utilization, and enforcement of Intellectual Property.



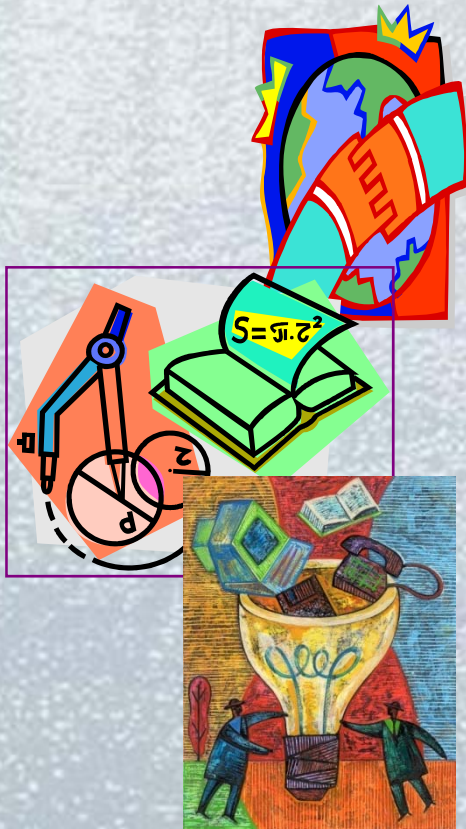
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# IPOPHL VISION

An IP-conscious  
Philippines in a  
demystified, development-  
oriented, and  
democratized IP system by  
2020

(2020 VISION: 3D IP)



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Under Sec. 2 of the RA 8293, it is declared as State's policy, that:

- The use of intellectual property bears a social function. To this end, the State shall promote the diffusion of knowledge and information for the promotion of national development and progress and the common good.
- Corollary, Sec. 5.1, paragraphs (d) and (g), the Intellectual Property Office of the Philippines is mandated to promote the use of patent information as a tool for technology development and to coordinate with other government agencies to formulate plans and strategies to strengthen protection of Intellectual Property rights



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# Strategic Goals

- Strategic Goal No. 3

Provide IP-related business development and technology transfer services

- Strategic Goal No. 4

Increase the level of appreciation of, respect for, and utilization of IP



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# INNOVATION SUPPORT STRATEGIES



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IPOPHL'S technology and innovation support policies and strategies are enhanced by an institutionalized **PATENT INFORMATION UNIT** that shall

- Support management in policy-making decisions through in-depth study of patent data
- Assist RDI s, inventors and scientists by providing direction to their research and innovations
- Strengthen the institutional capacity of ITS0-Patent Libraries on conducting patent searches



# Extensive Package of Patent Information Services

1

Patent  
Information  
Search

2

Patent  
Mapping/  
Analytics

3

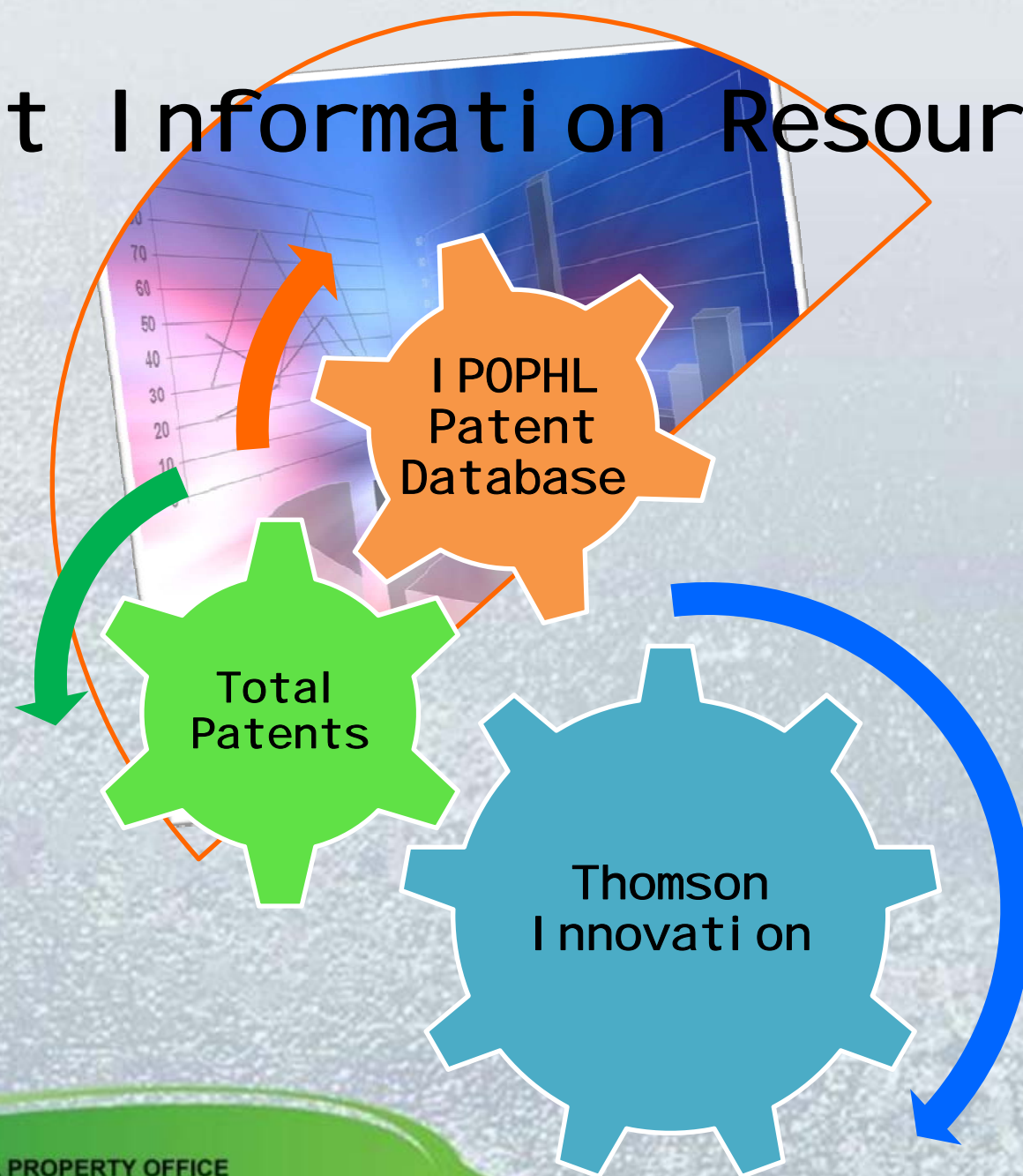
Patent  
Shoplist



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# Patent Information Resources



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# PATENT MAPPING/ANALYTICS OF IPOPHL



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2012

Baseline Survey of Filipino Inventions based on Patent Information

Patent Analytics in the Pharmaceutical Field (Philippine Setting)

Comparison of Patent Filings in Selected ASEAN countries

Traditional Herbal Medicine in the Philippines Based on Patent Information

Patent Analysis Report on Home Automation Gateway Technology



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2013

Patent Mapping on Climate Change Mitigation Technologies

General Overview on Patenting Activities in the Philippines Relating to Food Processing Technologies (2005 to 2012 )

Patent Analytics Report on ICT in general

Patent Landscape Report in the Field of Agrochemicals



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# Baseline Survey of Filipino Inventions



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# ABOUT THE PROJECT

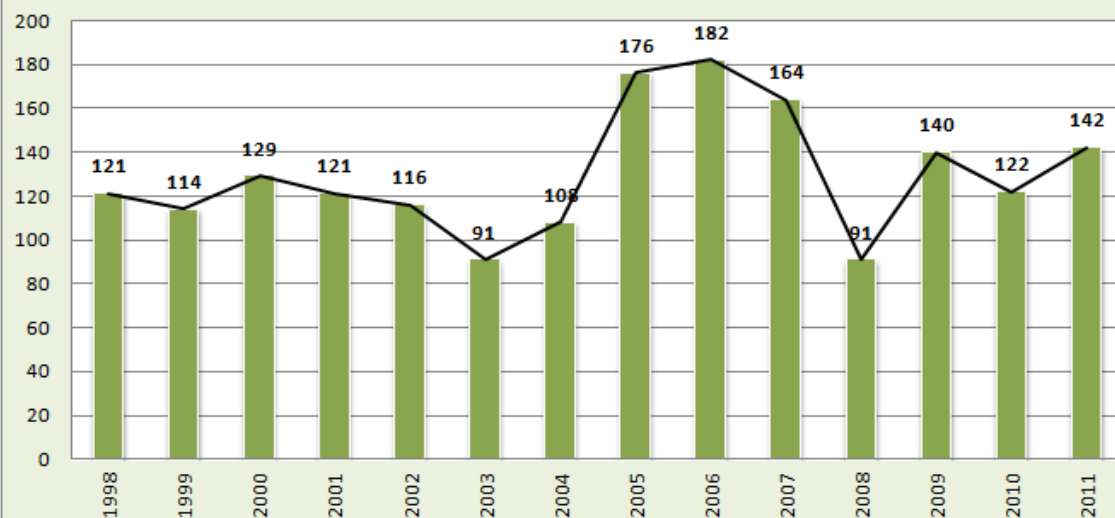
- A collaboration between the Department of Science and Technology (DOST) and IPOPHL under a Memorandum of Agreement signed on December 18, 2009.
- One of the projects lined up for implementation under the Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCI EERD) Technology Transfer and Policy Advocacy Programs.
- To know and measure the innovative and technological capabilities of the country and to identify gaps where relevant interventions can be initiated to bring about an IP and technology-driven economy.
- To promote the use of patent information as a tool for technology development and is significant to the enhancement and strengthening of IP rights development and protection in the country.
- The project included data on Filipino patent pending and granted applications, registered utility models and industrial designs.



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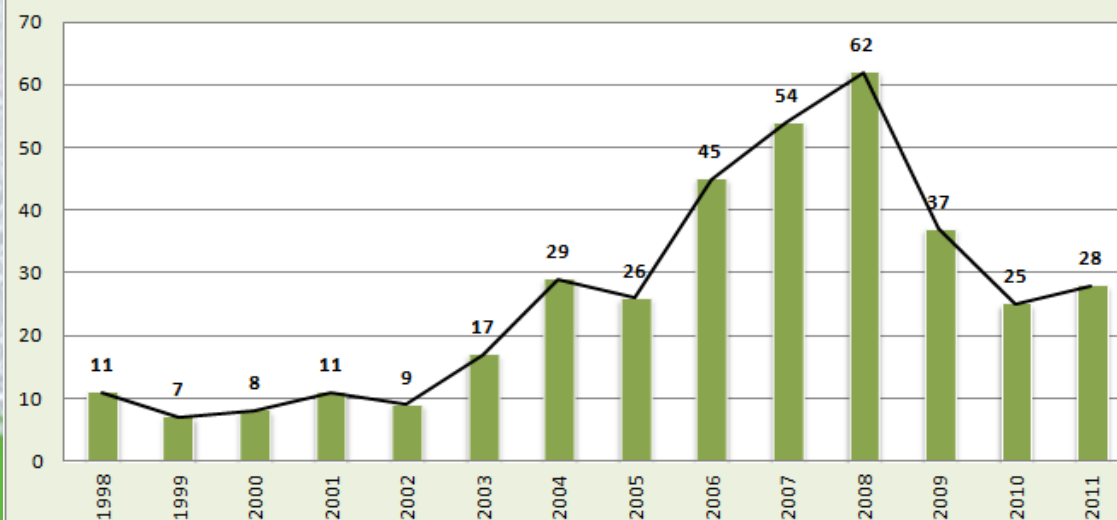
## Number of Local Granted Patents and Published Pending Applications

**1- Published Pending Applications (Local)  
1998-2011**



1,817

**2- Granted Patents (Local)  
1998-2011**



369

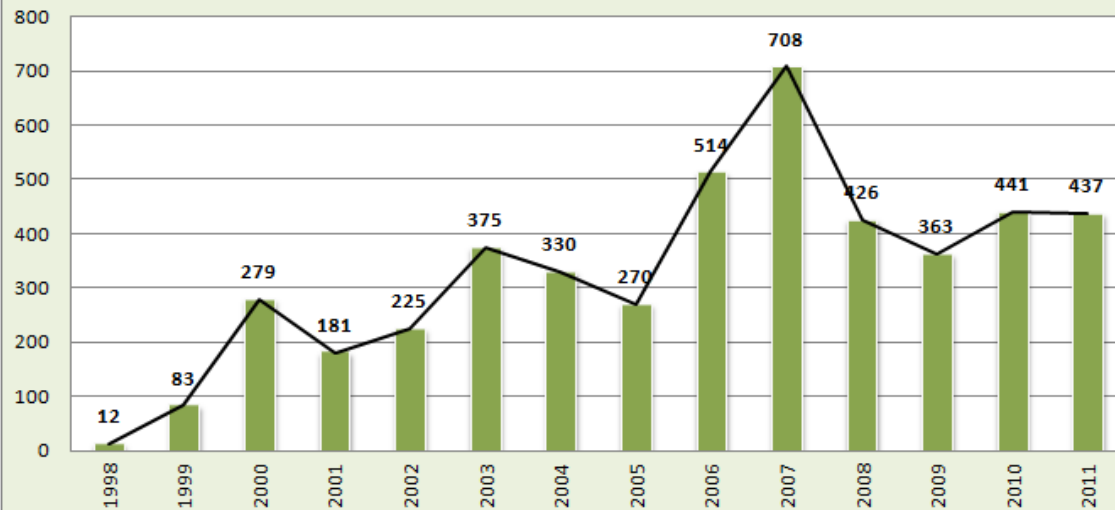


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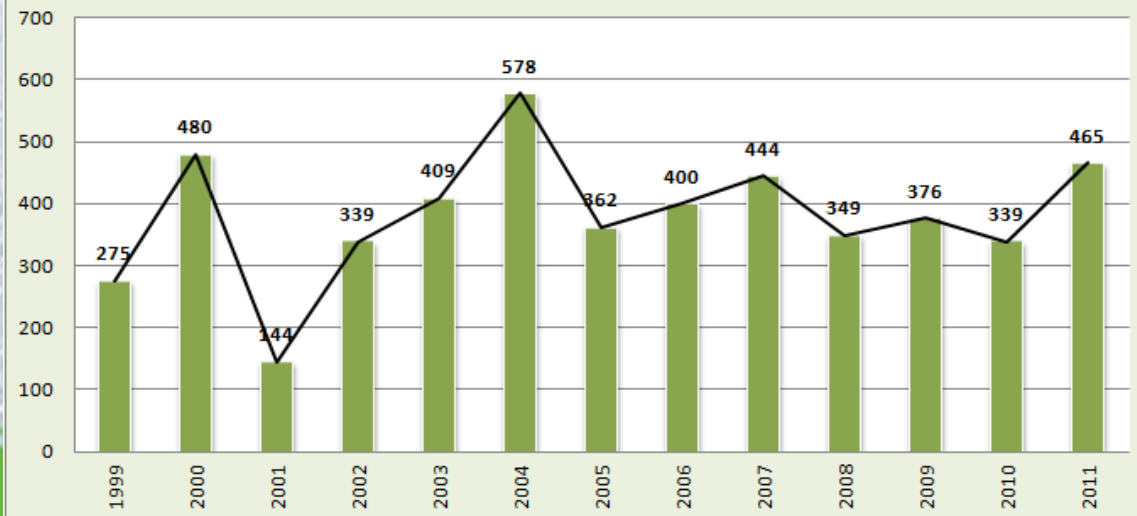
## Number of Registered Utility Models and Industrial Designs

**3 - Registered Utility Model (Local)  
1998-2011**



4,644

**4 - Registered Industrial Design (Local)  
1999-2011**



4,960

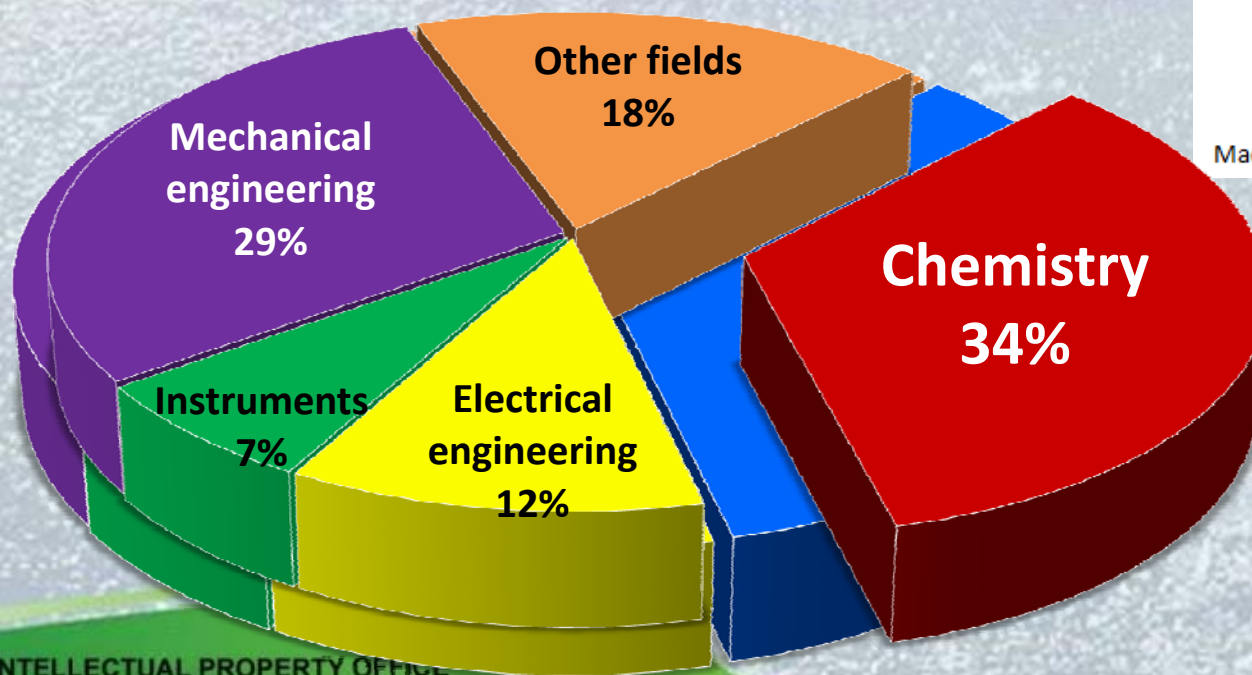


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# RESULT: THE GENERAL SCENARIO

1

Looking at the fields where Filipino inventors and scientists are filing, it is noted that the field of **highest filings is chemistry**.



Basic materials chemistry  
Food chemistry  
Pharmaceuticals  
Chemical engineering  
Environmental technology  
Biotechnology  
Materials, metallurgy  
Surface technology, coating  
Organic fine chemistry  
Macromolecular chemistry, polymers



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# RESULT: THE GENERAL SCENARIO

Engines, pumps, turbines

Other special machines

Transport

Handling

Thermal processes and apparatus

Machine tools

Mechanical elements

and paper machines

3

Inter

The patent data show Filipino inventors' and scientists' involvement in the textile and paper industries is very minimal. The development of technologies to establish a more competitive textile industry in the country is worth looking into.

2

Patenting activities are also focused in the fields of **mechanical** and **civil engineering**.

**Mechanical  
engineering**

**Other fields  
18%**

**Chemistry  
34%**

**Electrical  
engineering  
12%**



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# RESULT: THE GENERAL SCENARIO

4

Patent filings by RDIs, and academic institutions account to more than 4% of the patenting activity of Filipino inventors.

6

Foreign inventors and/or applicants dominate the patent applications received at 94% to 97% share.

5

The patent statistics clearly shows that the innovative performance of our country is still very low accounting to only 3% to 6% of the total number of applications.

7

A strong technological capability is manifested in the number of petty inventions and designs filed with IPOPHIL.



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# Results/Findings

Able to identify the following:

- Innovative and technological activities of the country based on patent data
- Technological activities and capability of each region
- Contribution of RDIs and the academe in the patenting activities of the country
- Top inventors and team players



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The endemic low patenting activity in the country might not be due to lack of inventive, innovative and creative talents but might be asymptomatic of lack of awareness and appreciation of the IP System.



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# Way FORWARD



Lack of awareness and appreciation of the benefits of the IP system can lead to lack of interest to secure IP protection.

Few researchers utilize the technological and scientific knowledge contained in patent documents as basis for investigating the state of the art.

There is still a need for IP education and promotion to really encourage the inventive and innovative sectors to effectively use the patent system.



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# Way FORWARD



There would be a need for a determination of the research and development priorities and direction of the country based on the needs of society, industries and the country in general.

There is a need for government to establish such agenda and provide the necessary funding and incentives.



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# Way FORWARD



Addressing the need for fast, quality and streamlined procedures for patent applications would greatly encourage those who avail of such services

The country should have a firm determination that science and technology activities are critical to economic and national development as positively shown in the experiences of not only progressive countries in the west but also those in our part of the world.



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2014

Subscription to Commercial Databases:  
Thamescape, Patbase and Orbit

Promotion and Marketing of Patent  
Mapping and Analytics To Relevant  
Sectors

Patent Mapping/Analytics in PH

Skills Enhancement on Patent Analytics  
Public Private Partnership



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# THANK YOU!



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