
TECHNOLOGY TRANSFER: SUCCESSFUL CASES AND CHALLENGES: THE PHILIPPINE EXPERIENCE”

WIPO Regional Seminar on Technology Transfer by Universities and Public
Research Institutions through the Strategic Use of the Patent System

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Outline

- A. Technology Transfer Initiatives and Favorable Mechanisms
- B. Technology Transfer & Emerging Issues
- C. Technology Transfer Case
- D. Synthesis



Tech Transfer Initiatives and Favorable Mechanisms



IP National Initiative

- In 2007, IP Philippines crafted the country's IP policy which identified universities and RDIs as priority areas.
 - Delivering quality patents and trademarks
 - Facilitating technology transfer
 - Providing speedy and effective legal remedies
 - Supporting SMEs and creative industries
 - Leading the IP system in developing a vibrant IP culture
 - Under the IP Policy, IP Philippines shall craft promote IP courses with CHED, and provide capability building programs.
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Favorable IP National Initiative

RA 8293	Intellectual Property Code of the Philippines
RA 7459	Inventors and Invention Incentives Act
RA 8439	Magna Carta for Scientists, Engineers, Researchers and other S&T Personnel in Government
RA 9168	Plant Variety and Protection Act



Favorable TT National Initiative

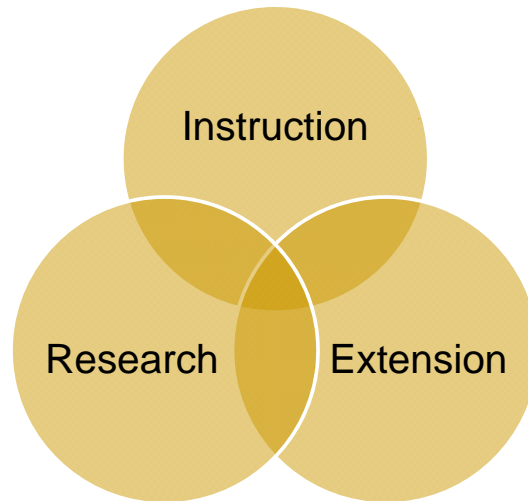
- House Bill 5208 6
 - *Technology Transfer Act 2008 “An Act Promoting the Transfer of Technologies and Knowledge from R&D funded by Government”*

- Senate Bill 1721
 - *An Act Providing the Framework and Support System for the Ownership, Management, Use and Commercialization of Intellectual Property Generated from Research and Development Funded by Government”*

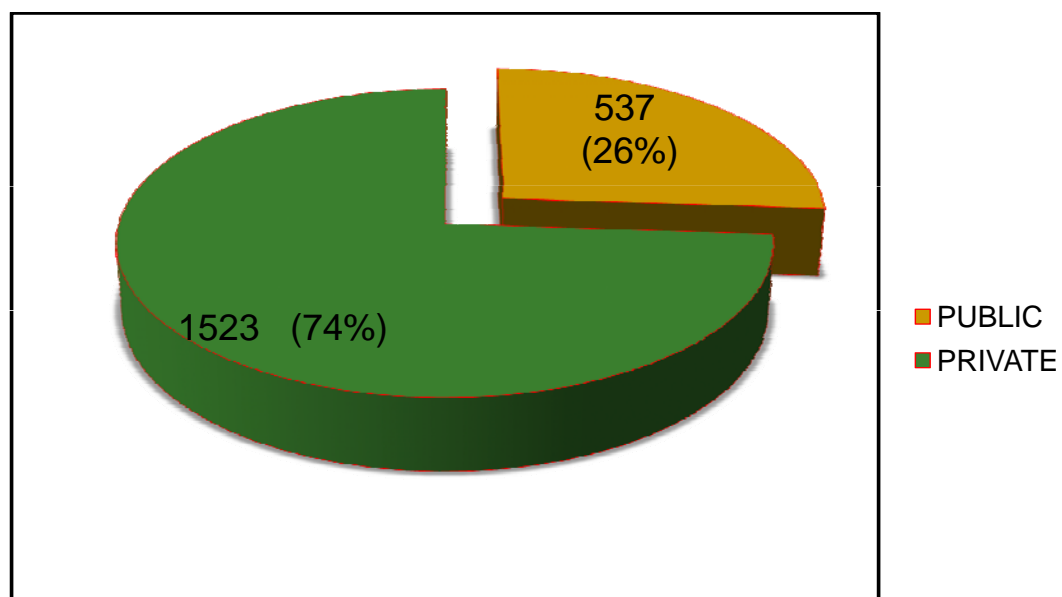


The CHED

- Geographically, there are 2,060 higher education institutions in the country whose main functions are focused in the following activities:



Distribution of HEIs



The Public HEIs includes: 110 SUCs main campuses, 334 satellite campuses, 77 LUCs, 10 OGS, 1 CSI and 5 special HEIs.

CHED Initiatives

- Technology Commercialization Program
 - Allocated P50M of which P28M was granted to 38 SUCs (state universities and colleges) for technology transfer and commercialization
 - Launched the “Search for CHED Outstanding Extension Program Award in 2008” where the biggest weight in the criteria is technology transfer, utilization and commercialization.
 - Launched the CHED Zonal Research Centers
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CHED & IP Initiative

- IP Philippines and CHED Joint Circular 08-02 (April 23, 2008)

“ Directing all public and private HEIs to develop their respective Policy Guidelines on IP with the assistance of IP Philippines by July 31, 2008”

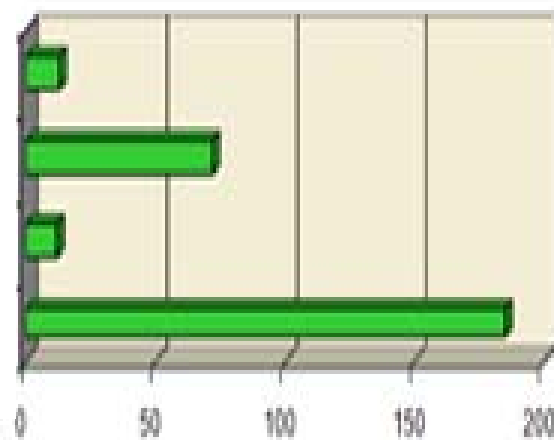


Technology Transfer & Emerging Issues

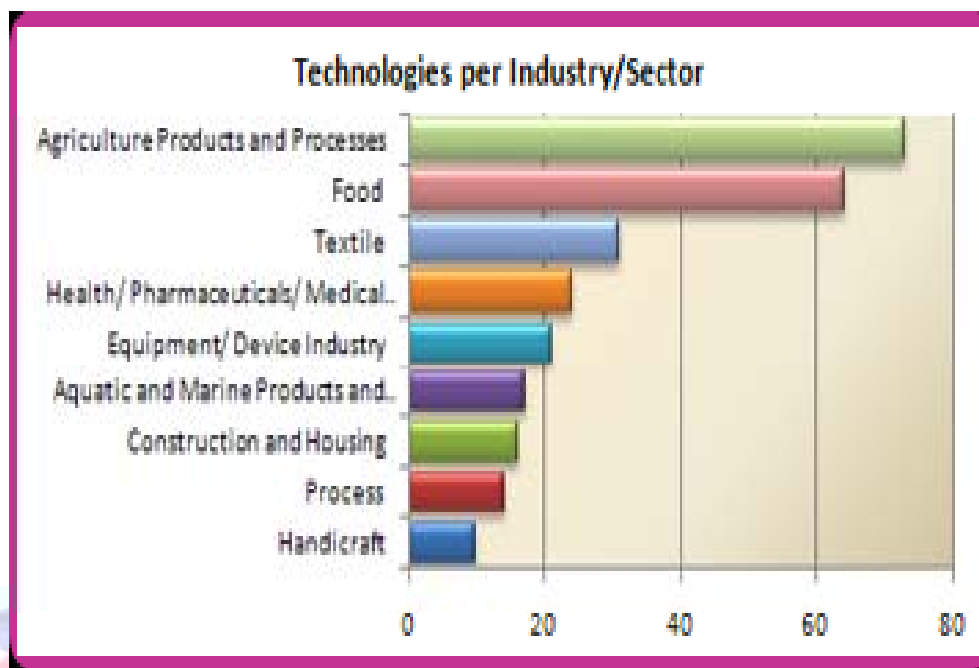


Status of Technology Transfer

- D- Technologies for verification**
- C – Technologies without Adoptor/s but ready**
- B – Technologies with Adoptor/s but under Partnership**
- A – Technologies with Adoptor/s and can be diffused to**



Source: TAPI, DOST



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Status of Technology Transfer



R & D activities are present in HEIs and RDIs, however, the protection and commercialization phases of such technologies pose a big CHALLENGE...

TECHNOLOGY TRANSFER CASE IN THE PHILIPPINES



DIFFERENT PERSPECTIVES OF TECHNOLOGY TRANSFER IN THE COUNTRY

1. **By the Inventors' Society**
2. **By the Academe**
3. **The Western Visayas College of Science and Technology (WVCST) Experience**



By the Inventors' Society

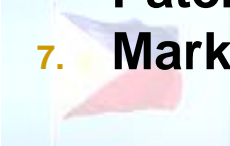
1. **Creation of IP**
2. **Protection of the developed IP**
3. **Joining contest and expositions**
4. **Marketing the IP**




By the Academe

1. **Institutionalizing Intellectual Property (IP) Protection**
 - Preparation of IP policy
 - IP Policy deliberations
 - Approval of the governing board
 - Implementation of the IP policy
 2. **Creation of Technology Licensing Office (TLO)**
 3. **Appointment of Intellectual Property Officer (IPO) in the Institution**
 4. **IP Management and Evaluation**
 5. **Drafting of Patent**
 6. **Submission of patent applications with the Patent Office**
 7. **Marketing of the protected technology**
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Technology Transfer: The WCST Experience

1. **Creation of Technology Licensing Office (TLO)**
 2. **Appointment of Intellectual Property Officer IPO**
 3. **Institutionalizing Intellectual Property (IP) Policy**
 4. **IP Management and Evaluation**
 5. **Drafting of Patent**
 6. **Submission of patent applications with the Patent Office**
 7. **Marketing of the protected technology**
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Synthesis

- In the Philippines, considerable efforts have been exerted as to institutionalize the IP protection. But more efforts are to be done for only 9 Universities and Colleges in the country have their own IP policy.
 - As regards to the IP protection, there is a dearth of patent agents to draft patent application for generated IP both by the academe and individual inventors in the country.
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- This could be addressed through the conduct of trainings/course in patent drafting. Local patent filing is recorded at around 1,300 in 2008 with an increase of around 30% with that of the previous year.
 - Technology generated are transferred to its clientele through institutional procedure (academe) and individual investor's efforts. Future Plans to enhance technology transfer in the country is to tap different organizations.
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THANK YOU

