

CDIP/32

IP and Development

Building the Capacity of Universities to Manage and Commercialise IP: Transferring IP and Technology

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Counsellor
IP for Innovators Department, WIPO



I. Introduction



Knowledge/Technology Transfer Defined

“Technology transfer (TT) is a **collaborative process** that allows **scientific findings, knowledge and intellectual property** to flow from creators, such as universities and research institutions, to public and private users.

Its goal is to transform inventions and scientific outcomes into new products and services that **benefit society.**”

www.wipo.int/en/web/technology-transfer



Importance TT in the Context of the DA



**Enabling environment
for innovation**



Bridging T gap



**Building capacity &
human capital**



Supporting SDGs

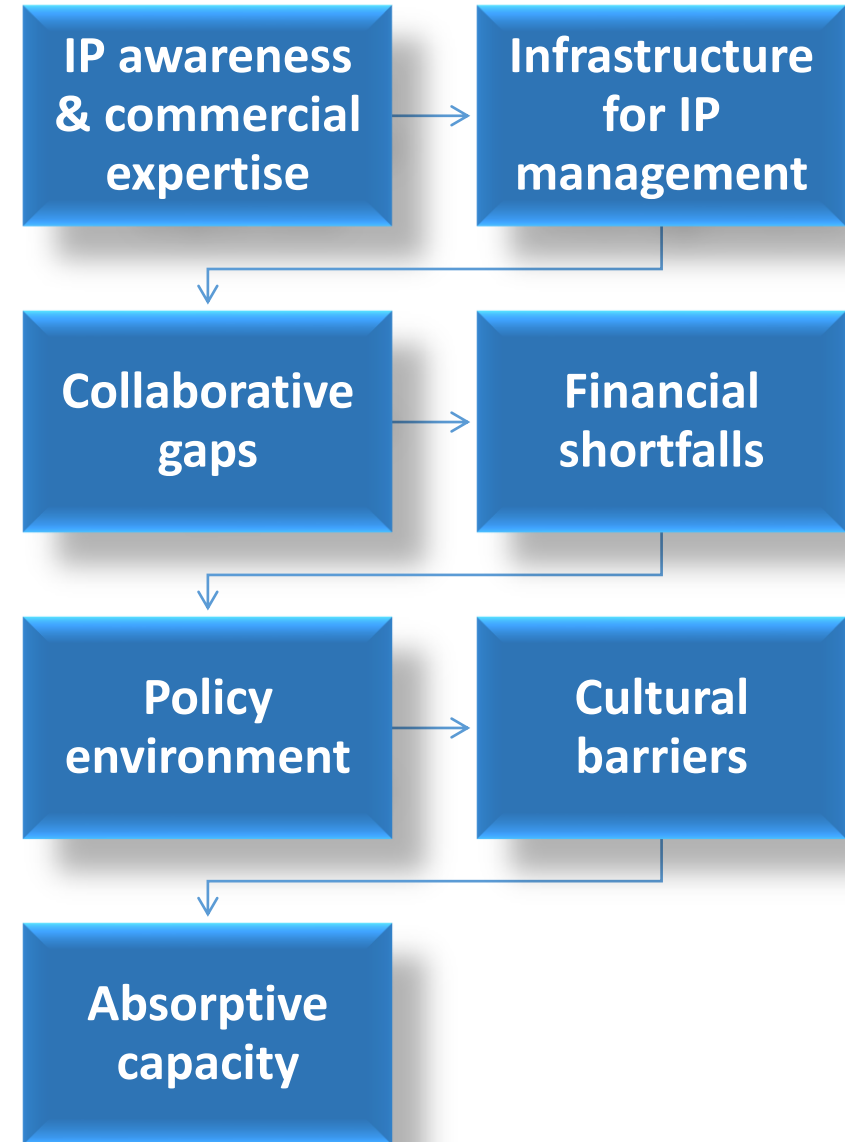


**Fostering global
partnerships and
cooperation**



**Addressing local
challenges**

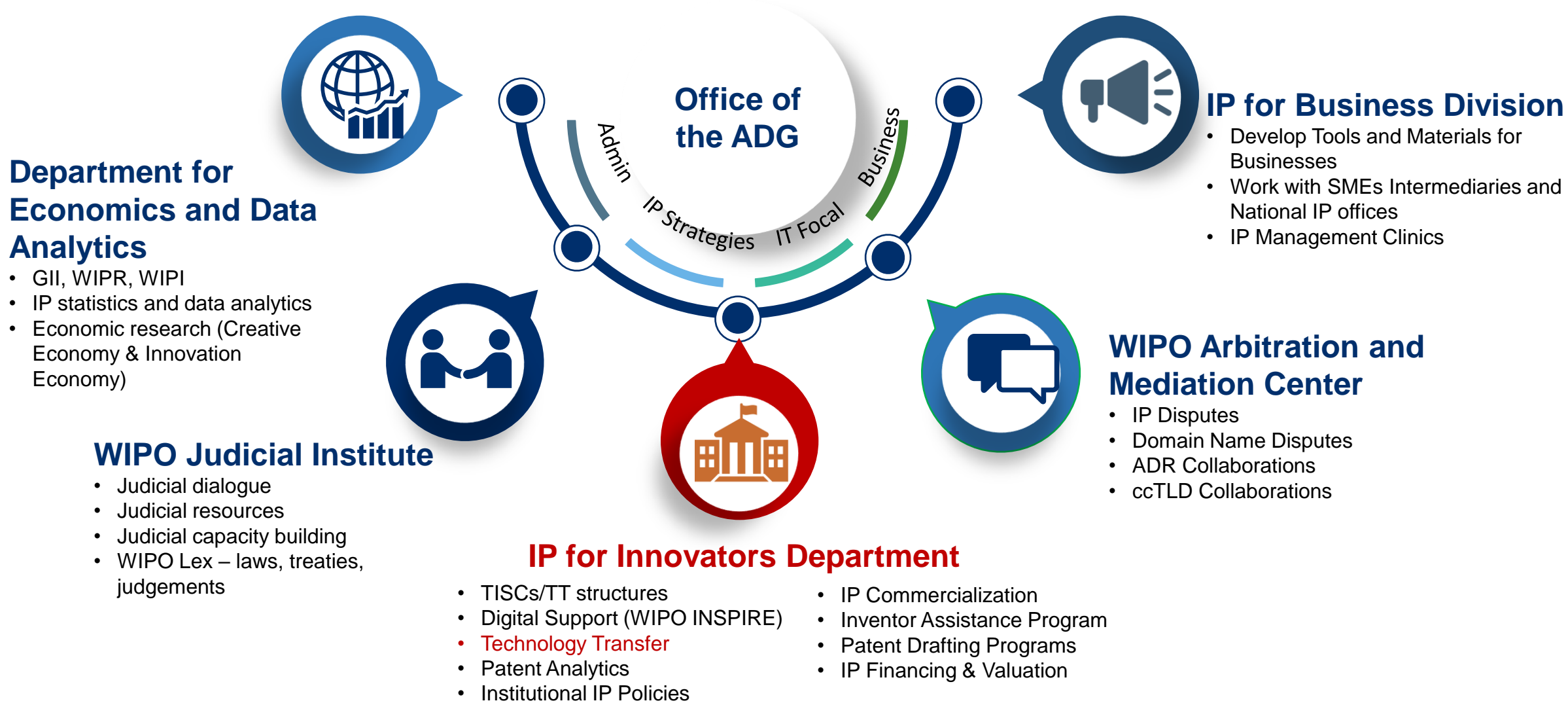
Common Challenges in Transferring IP and Technologies in LMIC

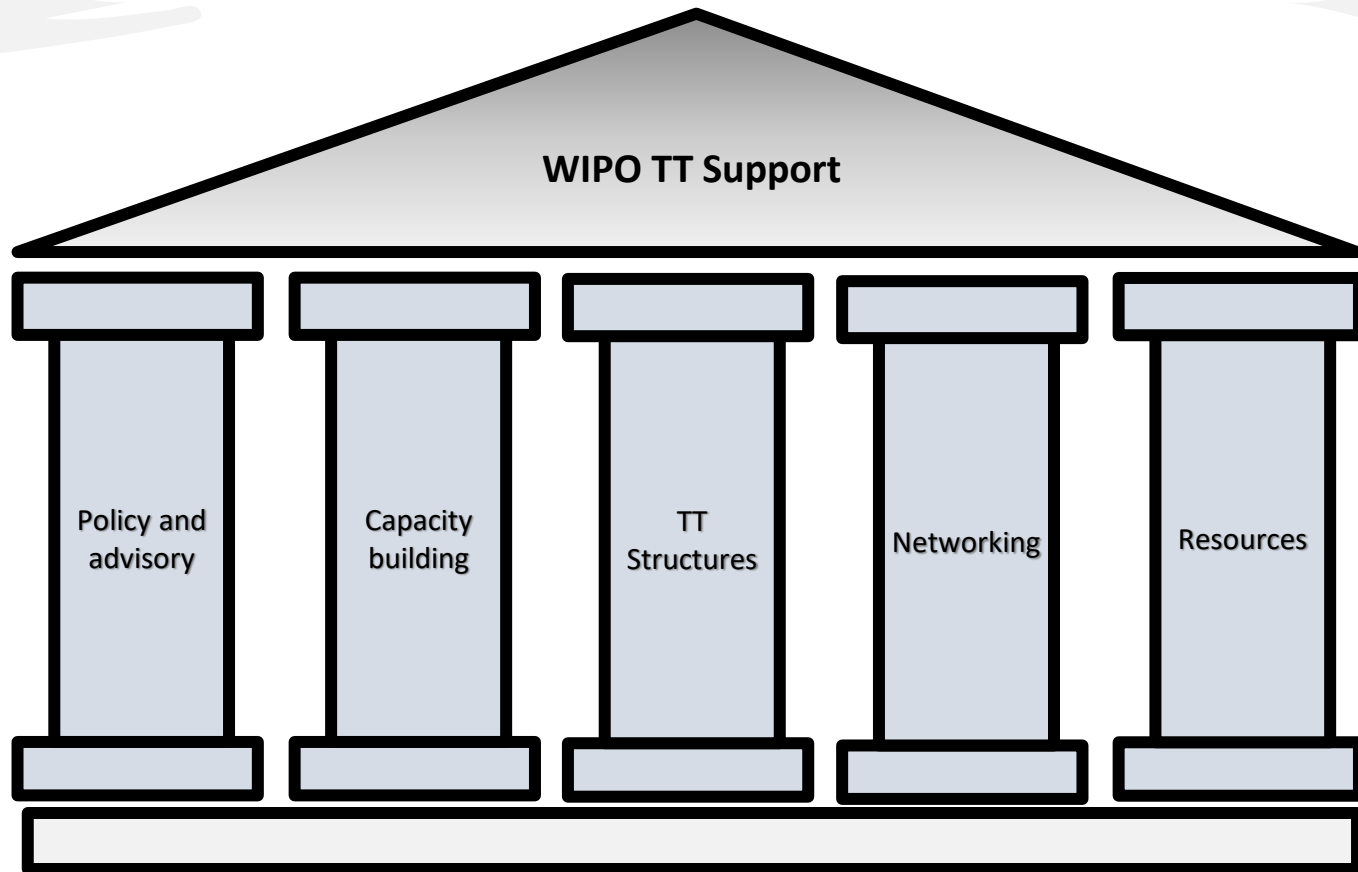


II. WIPO's Support Framework



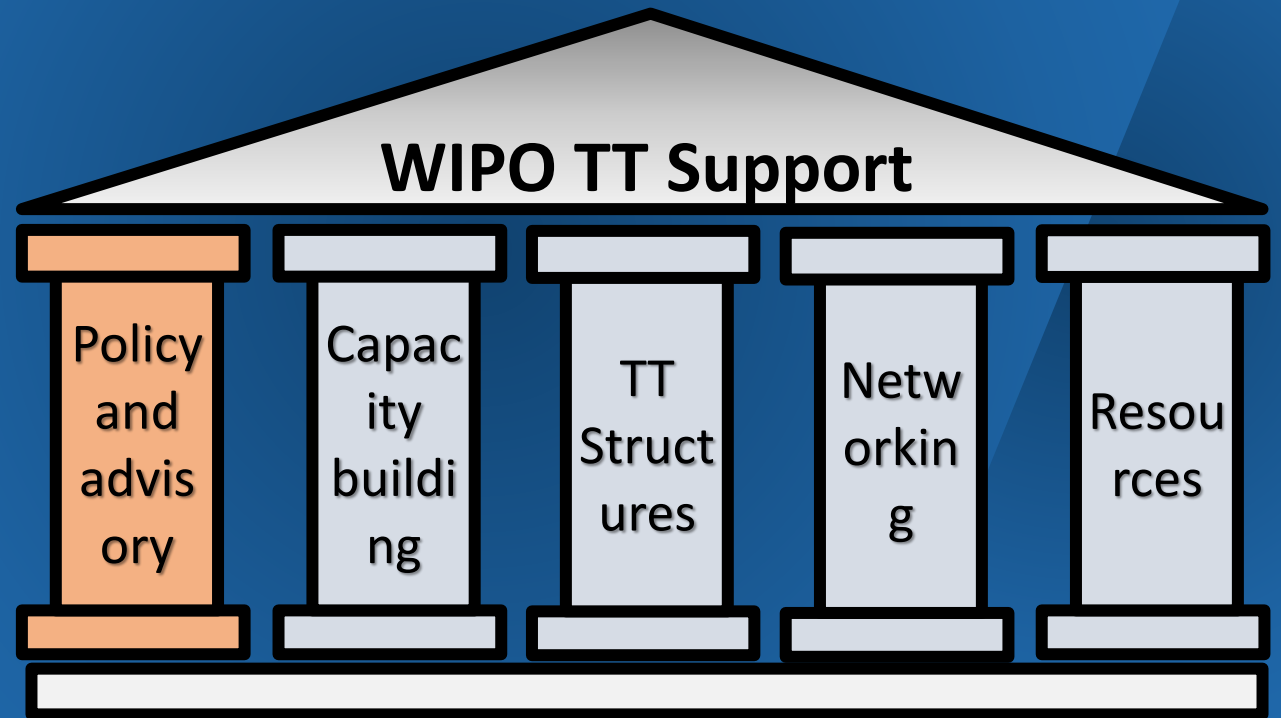
IP & INNOVATION ECOSYSTEMS SECTOR (IES)





1st Pillar

Policy and Advisory Support



National IP Strategies and Innovation Policies

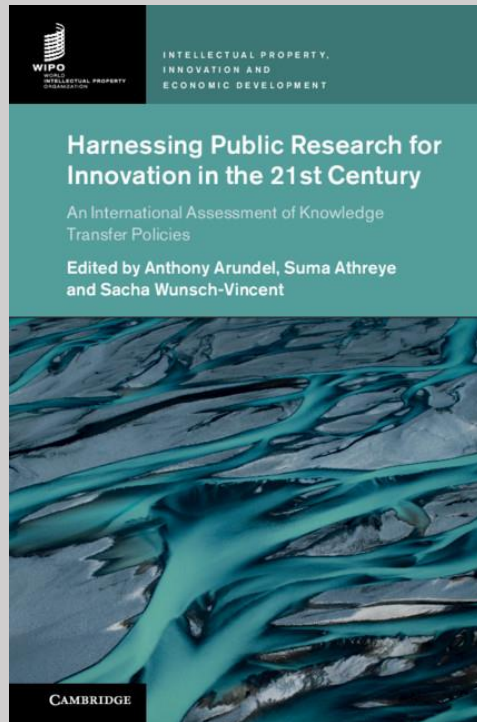


Image: Stock

Expert advice
to assist
Member
States to
develop

- **National IP Strategies** that act positively on a country's innovation and creative ecosystems.
- **Advice** issues of particular importance for an efficient TT process.
- **National Innovation Policies/Laws** to promote university KT
 - **Panama** (2021)
 - **Costa Rica** (2024)

Metrics



Free download:

www.cambridge.org/core/books/harnessing-public-research-for-innovation-in-the-21st-century/979C0AAA92B1200DCE513DAAE4894BE7

Image: Stock

Harnessing Public Research for Innovation in the 21st Century

This book aims to develop a **framework** to evaluate knowledge transfer practices, improve **knowledge transfer metrics**, and tell what does and does not work, and propose related **policy options**.

11 Policy Recommendations: Aiming for Effective Knowledge Transfer Policies in High- and Middle-Income Countries	393
SUMA ATHREYE AND FEDERICA ROSSI	

12 Toward a Comprehensive Set of Metrics for Knowledge Transfer	425
ANTHONY ARUNDEL AND NORDINE ES-SADKI	

Incentives in IP



Image: Freepik



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Free download at

- www.wipo.int/publications
- www.wipo.int/technology-transfer

INCENTIVES FOR RESEARCHERS



Non-financial

- Recognition
- Flexible working conditions
- Entrepreneurship support
- Additional funds
- Right to publish
- Returning IP



Career

- Promotion criteria and evaluation process



Financial

- Share in revenues
- Spinout equity
- Spinout director's fees
- Consulting fees

INCENTIVES FOR TTPs



Non-financial

- Recognition
- Continuing professional development
- Flexible employment conditions and well-being



Career

- Promotion criteria and evaluation process

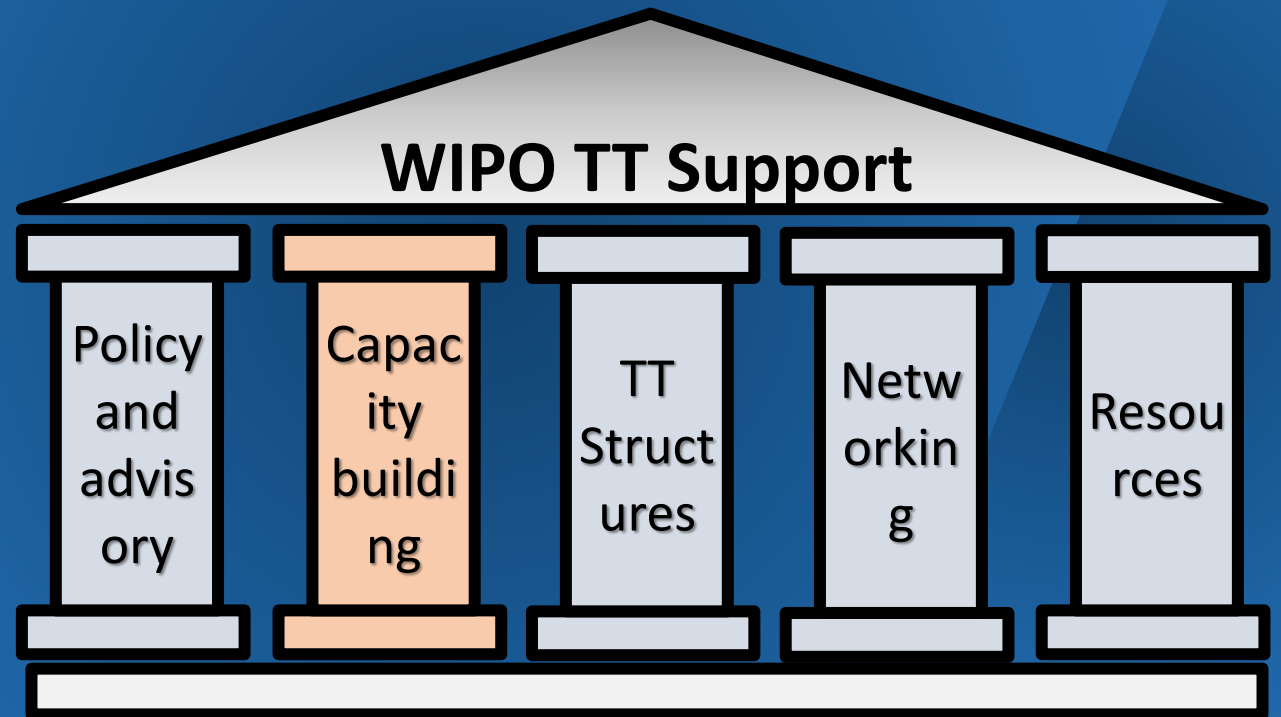


Financial

- Competitive salaries
- Performance-based payments

2d Pillar

Capacity Building



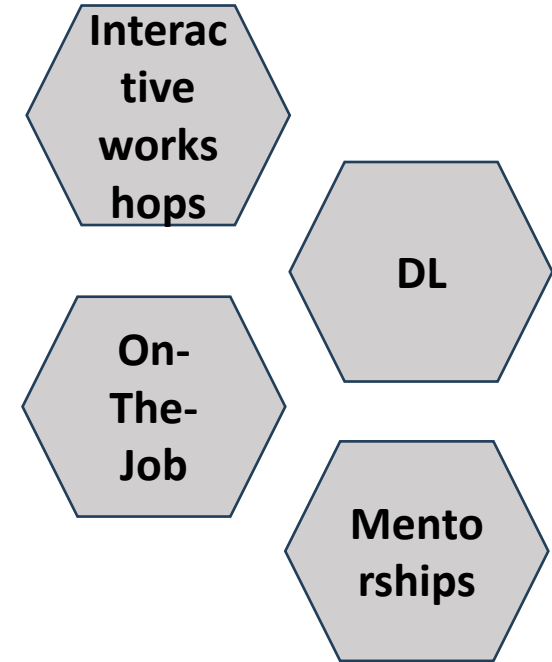
Training Programs



Content

- ✓ Patent search
- ✓ Patent analysis
- ✓ Patent drafting
- ✓ IP management and TT
- ✓ New Product Development
- ✓ Licensing and spinouts
- ✓ Collaboration agreements
- ✓ IP valuation
- ✓ IP marketing
- ✓ Business organization of TTOs

Delivery methods



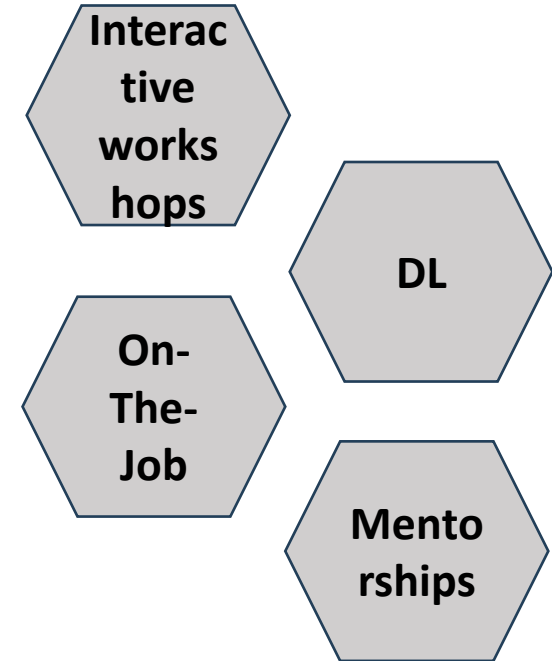
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Delivery methods



Special features

- ✓ Global and local perspectives
- ✓ Sector-specific insights:

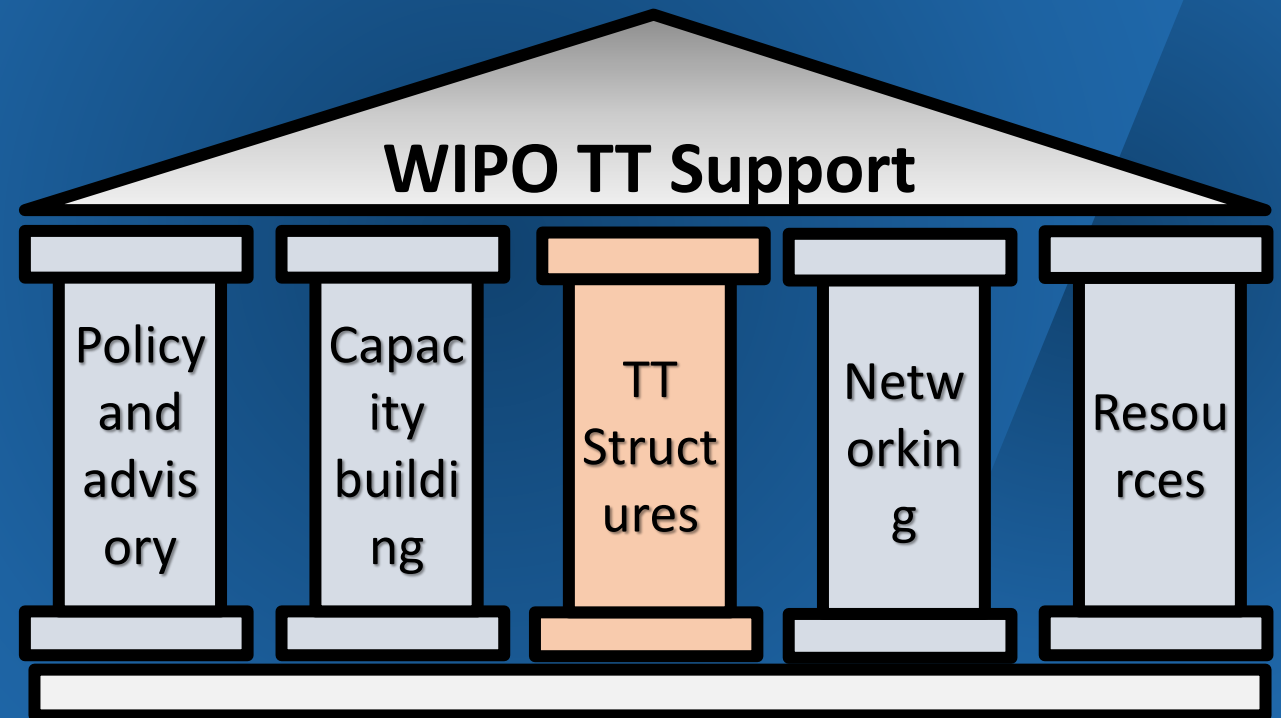


Capacity building in the field of pharmaceuticals and biotech
Supporting innovation to counter **communicable** diseases, particularly in **developing countries**, incl.

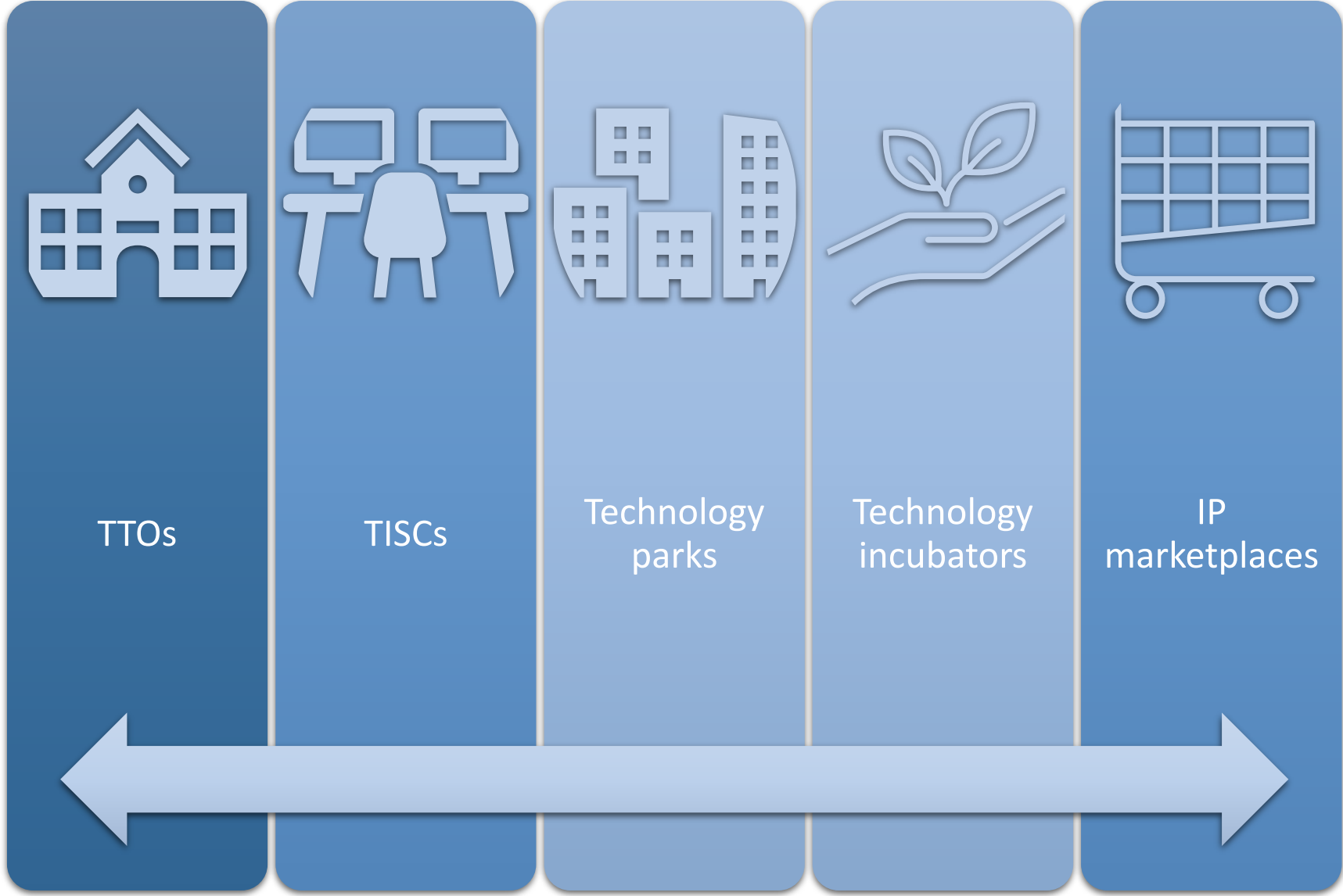
- ✓ prophylactics
- ✓ diagnostics
- ✓ therapeutics
- ✓ bio analytics, and
- ✓ bioinformatics

3d Pillar

Strengthening TT Structures



Technical support in establishing TT structures



Institutional IP Policies



IP Policies for Universities and Research Institutions

Universities and research institutions seeking to partner with industry or other organizations need a policy for effective intellectual property (IP) management and technology transfer.

Such policies provide **structure**, **predictability**, and a **beneficial environment**, in which commercialization partners (industrial sponsors, consultants, non-profit organizations, SMEs, governments) and research stakeholders (researchers, technicians, students, visiting researchers, etc.) can access and share knowledge, technology and IP.

Each university or research institution has the autonomy to develop its own approach, taking into account the interests of all stakeholders.

FEATURED



(PHOTO: IPOBIA/GETTY IMAGES)

National Model for Institutional IP Policies

Learn more about WIPO projects on developing National Models of Institutional IP Policies

Six steps to creating an effective institutional IP policy

No one model policy can be applied across all institutions or countries, since there are important country-specific institutional differences as well as different levels of absorptive capacity (i.e. the capacity of local businesses to recognize the value of new external information, assimilate it and apply it to commercial ends).

Furthermore, countries and institutions are still experimenting with a mix of different institutional IP policies and practices, gathering evidence on what works and what does not.

However, there are a few steps you can take to ensure that the institutional IP policy you are working on is effective and corresponds to your institution's needs.



(IMAGE: GETTY IMAGES/MAXIMKOSTENKO)

Database of IP Policies from Universities and Research Institutions

Database of Institutional IP policies


• “The WIPO IP Policy Database is an excellent resource, due to the diverse global information that has been collated and at your fingertips and especially the fact that you can search to see **how specific topics/policies have been handled by other institutions**. Very valuable when reviewing your institution’s IP Policy.”

• Andrew Bailey, RC&I, UCT, South Africa

Intellectual Property Policies from Universities and Research Institutions

more than from others? Search intellectual property policies, manuals and documents from universities and research institutions worldwide. If you would like to contribute your policies, manuals or agreements are added to the database,

The database does not contain all existing policies of a country.



(IMAGE: GETTY IMAGES/MAXIMKOSTENKO)

Any ***

- Academic Research Institution
- Academic University
- Corporate Research Institution
- Corporate Research Support Agency
- Corporate University

Focus

*** Any ***

- Appeal
- Collaboration
- Commercialization
- Confidentiality
- Conflict of Interest
- Consultancy
- Contract Research

Any ***

- Commercialization Policies
- Conflict of Interest Policies
- Consulting Policies
- Copyright Policies
- Guidelines and other resources
- Patent Policies
- Special Model IP Policies for universities and research

Country / Territory

*** Any ***

- African Intellectual Property Organization
- African Regional Industrial Property Organization (ARIPO)
- African Union
- Algeria
- Argentina
- Australia
- Austria

Search

Example: University Constantine 3 Salah Boubnider (UC3)

First in Algeria to develop an IP Policy in order to increase the likelihood of TT and academic research commercialization.

"We realize that IP management plays a significant role in economic development and would like to use its potential for the growth of science, technology and business in Algeria"

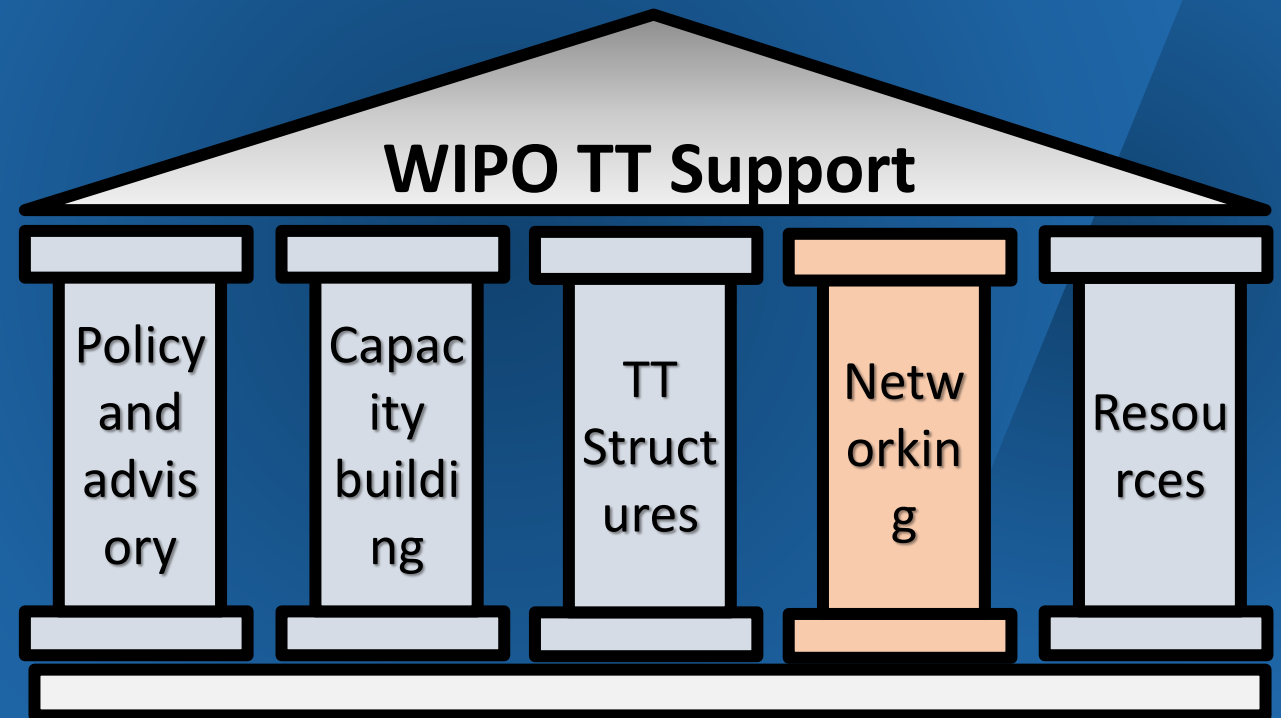


"The support provided by WIPO in drafting the policy has been more than simple assistance: it has been a training from which we have learned a great deal,"

The process as a whole has also gathered the different entities within the University around a shared objective of technology transfer." - Ms. Nawel Outili

4th Pillar

Networking and Partnerships for TT



Partnerships with Associations



Image: Freepik

WIPO Signs a Memorandum of Understanding with SARIMA

February 20, 2024

The Southern African Research and Innovation Management Association (SARIMA) is a stakeholder organization dedicated to advancing the management of research and innovation (R&I) within the Southern African Development Community (SADC) region, aiming to foster social and economic development. SARIMA primarily collaborates with individuals overseeing research and facilitating technology transfer, especially those associated with publicly funded institutions, as well as with agencies and organizations supporting R&I initiatives.

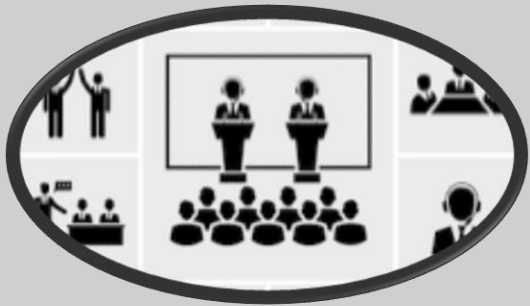


Video: WIPO signs a Memorandum of Understanding with SARIMA



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Promoting Regional Cooperation



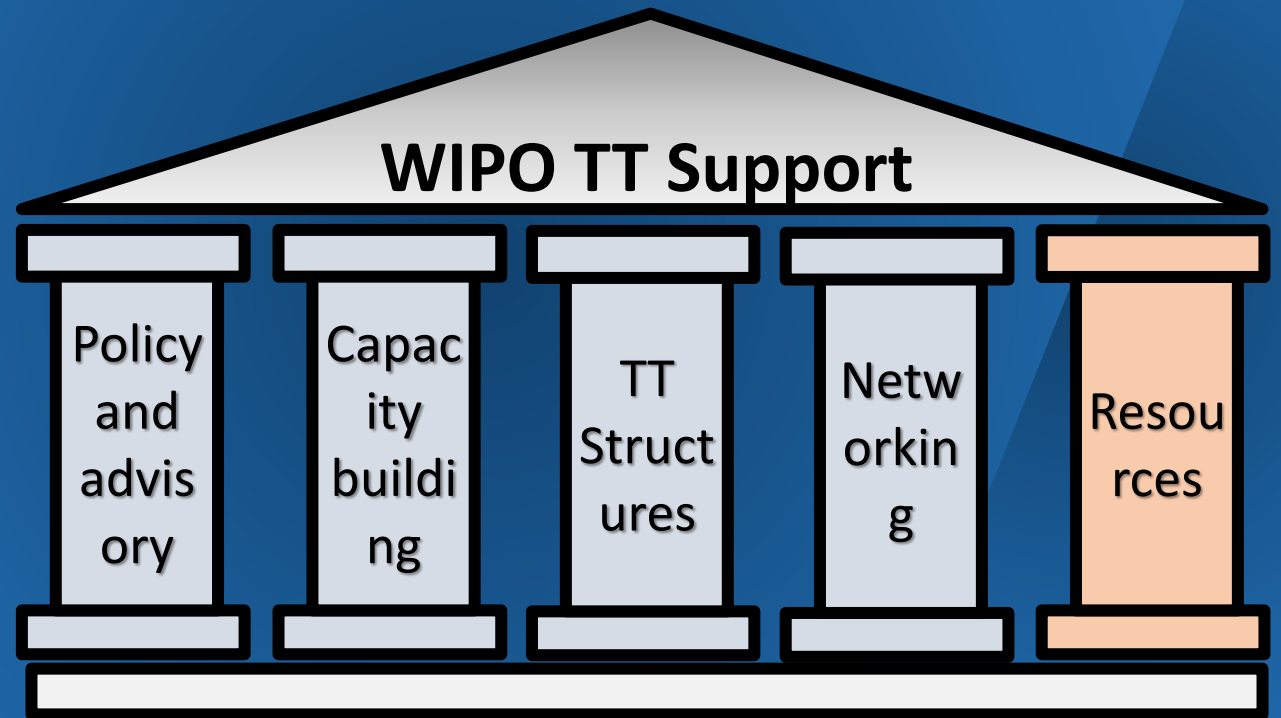
Examples

- eTISC platform
- Regional TISC Networks (ASEAN, ARIPO, CATI-CARD, ARAB)
- Baltic States TTO Network
- EAPO Techno-Parks Project
- Regional and National Conferences Life Sciences



5th Pillar

Tools and Resources



Institutional IP Policies

Institutional IP Policy Toolkit

- Database
- IP Policy Writer's Checklist
- IP Policy Template
- Guidelines for Customization
- Model agreements

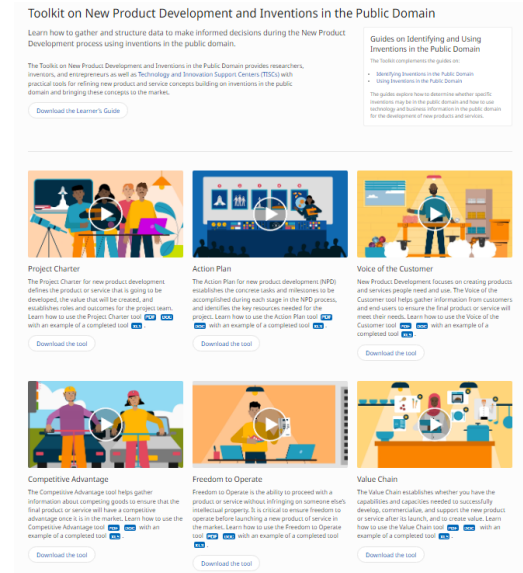
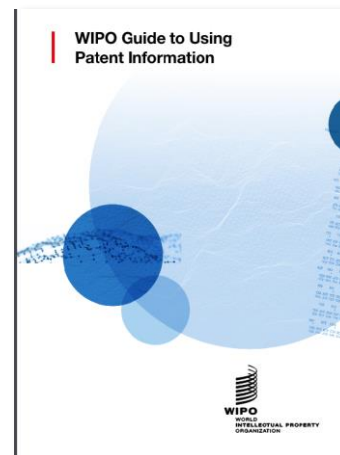
Upcoming

- Model Policy for **Use of Copyright Works**.
- Institutional IP Policy in **Biotech**.
- Guiding principles supporting **socially responsible TT**.
- Provisions on Covid and future **pandemic preparedness**.

Patent Documentation & Patent Searches

Guides and Toolkits

- Finding Technology Using Patents
- Guide to Using Patent Information
- Identifying Inventions in the Public Domain
- Using Inventions in the Public Domain
- NPD and Inventions in the Public Domain



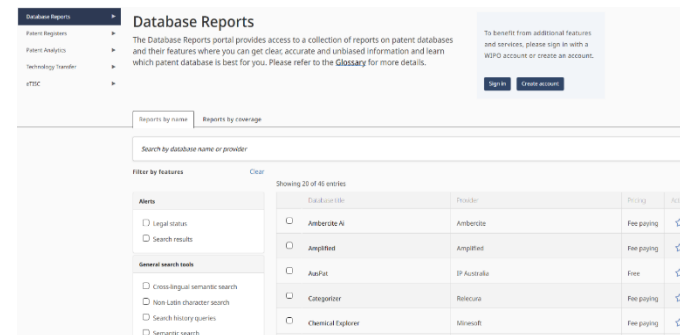
Patent Documentation & Patent Searches

(ctd)

Portals

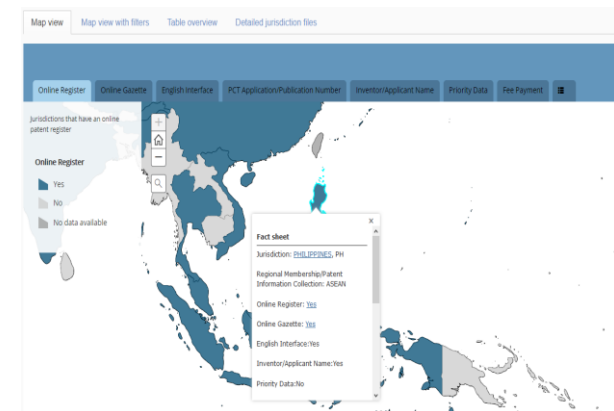
Patent Database Reports Portal

provides access to a collection of reports on patent databases and their features where you can get clear, accurate and unbiased information and learn **which patent database is best for you**.



Patent Register Portal

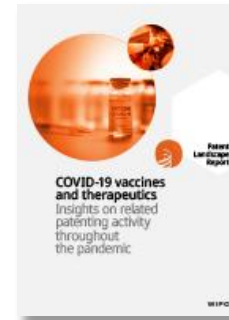
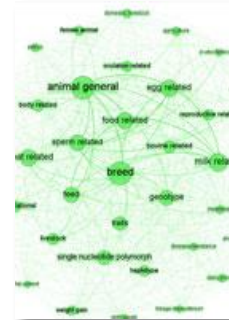
Gateway to online patent registers and gazettes and to legal-status-related information from over 200 jurisdictions and patent information collections. You can use the portal as a first step in **identifying what information can be accessed/retrieved online**.



Patent Analysis

Guides

- Patent Analytics Handbook
- Manual on Open Source Patent Analytics
- Patent Landscape Reports
- WIPO Technology Trends (WITTs)



IP Management IP Commercialization NPD

Guides

- **Successful Technology Licensing**
- **Enterprising Ideas: A Guide to IP for Startups (IPBD)**
- **Using Inventions in the Public Domain**
- **TT Training Needs Assessment**



IP Management
IP Commercialization
NPD

Upcoming...

- **Licensing of Genetic Resources**
- **TT Primer for the Biotech**
- **IP Finance**
 - *Securing debt finance with your IP*
 - *Lender's guide to IP finance*
- **IP Valuation**
 - *General*
 - *Biotech*
 - *ASEAN*

IP Management
IP Commercialization
NPD
(ctd)

Inventor Assistance Program (IAP)

1 Step Closer to a Cure for Paralysis with Nerve Guidance Conduits

New hope for victims of nerve damage thanks to IAP-supported invention

As a child, it was Lizah Dorao's dream to find a cure for paralysis. That ambition motivated her through two chemistry degrees and medical school as she investigated new ways to repair damaged nerves. Today, Dr. Dorao is a medical officer and flight surgeon in the Philippine Air Force – and the holder of a patent which may revitalize hopes for victims of nerve damage and paralysis.

The body's nervous system is a fantastically complex network of nerves, sensory receptors and cells that relay messages to and from the brain. Just about everything we do, from riding a bike to tasting our food, relies on the nervous system. An essential component of this network is the peripheral nerves, which transmit commands from the brain and spinal cord to the other parts of the body. If these nerves are damaged, it can prevent messages from reaching muscles, potentially resulting in reduced mobility or paralysis.

The good news is that damaged nerves can regenerate, particularly with timely medical support. While studying for her MSc in chemistry, Dr. Dorao investigated procedures and materials that can encourage nerve repair.



Image: Lizah Dorao

How did the IAP volunteer help Dr. Dorao patent her invention?

"As an inventor myself, I empathize with the needs of fellow inventors concerning intellectual property. Every inventor deserves recognition for their technological contributions, irrespective of their financial situation", explains Dr. Reosura. "As an IAP volunteer, I am committed to offering the guidance and support necessary to bring their ideas to life through a patent application. I am here to advocate for collaboration, urging us to work together to ensure that no innovative mind remains unrecognized."



Image: WIPO

The IAP volunteers helped Dr. Dorao with the technical aspect of preparing and filing the patent application. Their guidance proved especially helpful when it came to responding to the IPOPHL patent examiner's questions on the inventiveness of her IGC. As Dr. Dorao says, "It's a good thing that we have the IAP in the Philippines, as it helps inventors who do not have the resources to protect their inventions." And she advises inventors like her to make use of the program: "The IAP accommodates and provides support to innovators who may not be in academia or research institutions, but still have inventions that society needs."

Securing IP protection before making invention enhancements

With the IAP support, Dr. Dorao was able to [successfully patent her invention](#). With her IP secure, Dr. Dorao is now looking to further refine her invention in a proposed collaboration with DOST-ITDI and her own institution, the Philippine Air Force General Hospital. "The patent means I now have no worries about someone copying my invention," she explains. "With the patent, I can further develop it with other partners and still be assured of the right to claim the invention and all other developments arising from it."

There is still plenty of research and development to come, but the dream of curing paralysis – the ambition that has motivated Lizah Dorao since childhood – is now one step closer to becoming a reality, contributing to the UN's [Sustainable Development Goal](#) (SDG) 3 in ensuring healthy lives and promote well-being for all at all ages.

Participating countries – Chile, Colombia, Ecuador, Kenya, Morocco, Peru, the Philippines, Singapore, South Africa.

Supports **inventors and small businesses** to transform their innovation into commercial assets.

The Program benefits from a **global network of volunteers** that provide **patent drafting and prosecution services** on a *pro bono* basis to beneficiaries in their own country and in selected jurisdictions.

Matches selected beneficiaries with a **volunteer patent attorney** or agent to help them navigate the patent system at no cost.

One-stop-shops

WIPO INSPIRE

inspire.wipo.int

▶ WIPO INSPIRE

- ▶ WIPO INSPIRE is a global knowledge center for innovation, helping innovators and entrepreneurs make informed decisions throughout the innovation cycle.
- ▶ WIPO INSPIRE provides a unique blend of information and knowledge on patent search, patent analytics, technology transfer, and institutional IP policies, combining reference data with expert insights into resources, tools, and good practice recommendations.



WIPO INSPIRE assists...

Innovators

- In identifying prior research and patenting activity in their area of work by [choosing the right patent database platform](#) for their needs.
- In keeping up-to-date with current trends and developments in their area of work by [mapping the patenting landscape](#).
- In generating value from their innovations, for themselves and for society, by [following good practices in technology transfer](#).
- In building an effective working relationship with research collaborators and funders by [having supportive institutional frameworks](#) in place.

Patent professionals

- In [identifying patent documents](#) to support patent prosecution and other patenting activity.
- In [determining the legal status of patents](#).
- In [gaining an overview of innovations, individuals, and organizations](#) in a given field of technology to guide research, patenting, and business activities.

Entrepreneurs

- In [analyzing the competitive landscape](#) for new products and services.
- In [minimizing the risk of infringing the patent rights](#) of others.
- In [managing technology transfer](#) effectively.
- In [collaborating with researchers](#) in academic and research institutions.

Technology and Innovation Support Centers (TISCs)

- In providing services to innovators and entrepreneurs, including in [patent search](#), in particular [freedom-to-operate analysis](#), [patent analytics](#), [technology transfer](#), and [IP rights management](#).
- In [knowledge sharing and peer learning](#) with [TISC staff](#) and other experts from around the world.

One-stop-shops

WIPO TT Website

Technology transfer within the innovation ecosystem

For successful technology transfer, universities and research institutions need to operate in an effective innovation ecosystem – an interconnected network of governmental, industry and research institutions and enabling factors (such as human capital, technology transfer structures, and sophistication of businesses and market). In such an ecosystem, the parties bring their resources and expertise together to collaboratively achieve innovation in the service of regional and economic development.



IP Policies for Universities and Research Institutions

All you need to know about what an IP policy is, why your institution needs one, and how to create an effective policy using the WIPO IP Policy Toolkit.



Technology Transfer Organizations

Learn more about the different types of technology transfer structures, their roles of intermediaries, and how they can enhance the technology transfer process.



People at the Service of Technology Transfer

Find out how can you incentivize and support the development and training of your institution's researchers and technology transfer managers.



From Lab to Market

Learn how to navigate common market challenges related to academic technology transfer.



Technology Transfer Agreements

Find out more about the different types and features of technology transfer contracts.

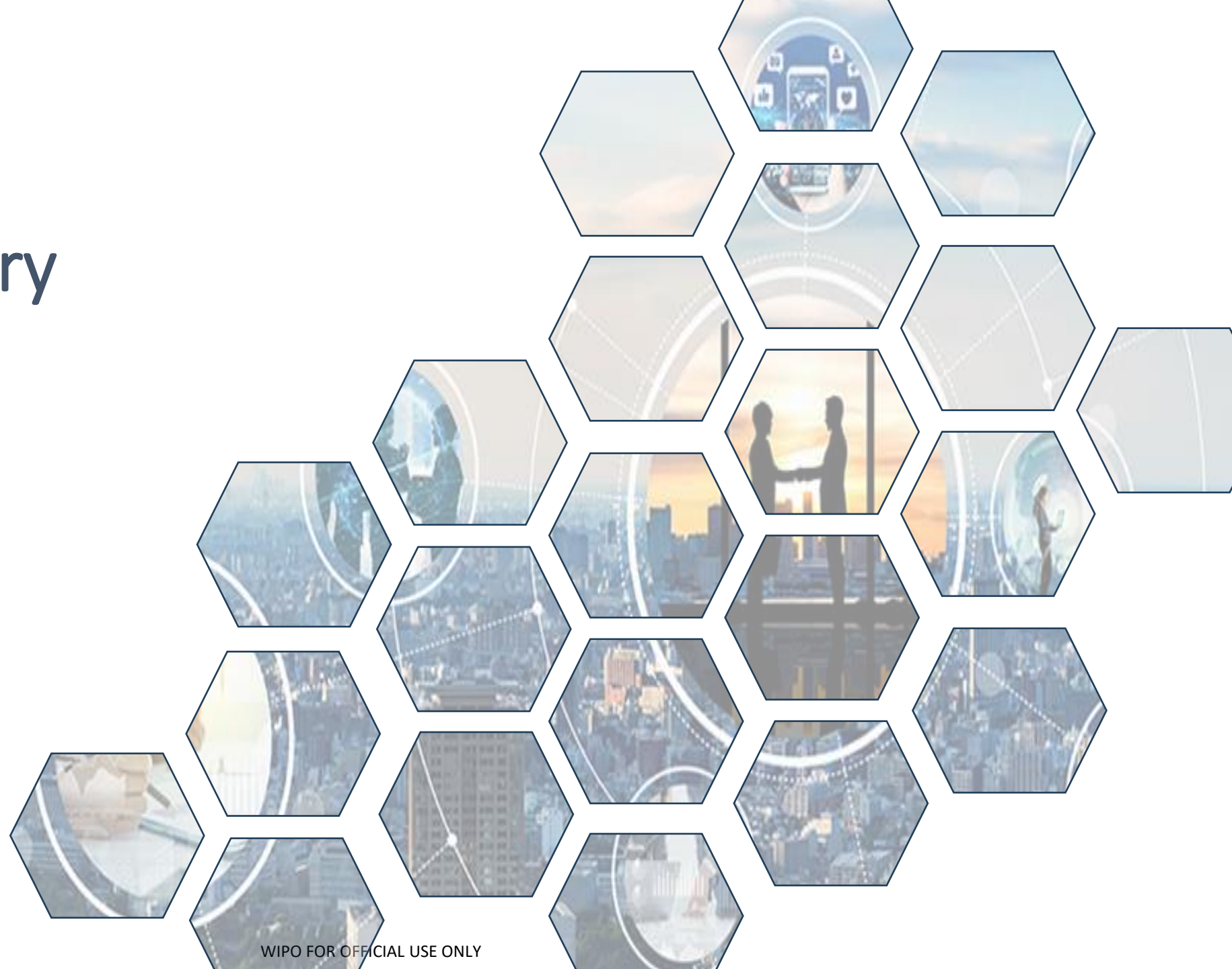


Management of Academic Assets

All you need to know about effectively managing the IP rights of your institution's intangible assets for technology transfer.

www.wipo.int/en/web/technology-transfer

IV. Summary



Building the Capacity of Universities to Manage IP: Transferring IP and Technology

- **TT is a fundamental component of the WIPO DA**, aiming to foster an inclusive and equitable global IP ecosystem that catalyzes development, enhances access to technology, and builds capacities in developing and least developed countries.
- Our goal: Deliver **high-quality support services for universities**, tailored for key sectors like life sciences, all integrated into a **harmonized system** that presents **IP in a commercial context** rather than a standalone topic.



WIPO Academy

Intellectual Property (IP)
education, training and skills
building

Victor Owade
Counsellor
Academic Institutions and Executive
Program, WIPO Academy



UNIVERSITY COLLABORATIONS



-  Joint Masters' Programs
-  Partnership for Specialized IP Course
-  Other Master's Partners

WIPO Academy Joint Master's Programs

1. Master of Laws (LL.M.) in Intellectual Property, offered jointly by the WIPO Academy and the University of Turin, the Turin School of Management (SAA) and the Consortium for Research and Permanent Education (COREP), in Turin, Italy
2. Master's Degree in Intellectual Property (MIP), offered jointly by the WIPO Academy, the African Regional Intellectual Property Organization (ARIPO) and Africa University in Mutare, Zimbabwe
3. Master's Degree in Intellectual Property (MIP), offered jointly by the WIPO Academy, the African Intellectual Property Organization (OAPI) and the University of Yaoundé II (UY II) in Yaoundé, Cameroon
4. Master of Laws (LL.M.) in Intellectual Property with a Specialization in Patent Law and Design Law, offered jointly by the WIPO Academy, the Turkish Patent and Trademark Office and Ankara University in Ankara, Türkiye
5. Master's Degree in Intellectual Property (MIP) with a Specialization in Industrial Property, offered jointly by the WIPO Academy and Tongji University in Shanghai, People's Republic of China
6. Master's Degree in Intellectual Property and Innovation (MIPI), offered jointly by the WIPO Academy, the National Institute of Industrial Property (INPI) of Argentina and the University of San Andrés in Buenos Aires, Argentina
7. Master's Degree in Intellectual Property and New Technologies (MIP and New Technologies), offered jointly by the WIPO Academy, the Patent Office of Poland and Jagiellonian University in Krakow, Poland
8. Master's Degree in Intellectual Property and Development Policy (MIPD), offered jointly by the WIPO Academy, the Ministry of Culture, Sports and Tourism (MCST) of the Republic of Korea, the Korean Intellectual Property Office (KIPO) and the Korea Development Institute School of Public Policy and Management (KDI School) in Sejong, Republic of Korea
9. **NEW:** Master of Laws (LL.M.) in Intellectual Property and Technology Law, offered jointly by the WIPO Academy and IE University in Madrid, Spain

10. **NEW:** Master's Degree in Intellectual Property and Innovation Management (MIPIM), offered jointly by the WIPO Academy and Singapore University of Social Sciences (SUSS), Singapore
11. **NEW:** Master's Degree in Intellectual Property and Technology Transfer (MIPTT), offered jointly by the WIPO Academy, the Patent Office of the Republic of Bulgaria (BPO) and Sofia University in Sofia, Bulgaria
12. **UPCOMING:** Master's Degree in Intellectual Property, Entrepreneurship and Innovation (MIPEI), offered for the first time jointly by the WIPO Academy, the Saudi Authority for Intellectual Property (SAIP) and Umm Al Qura University (UQU) in Mecca, Kingdom of Saudi Arabia
13. **UPCOMING:** Executive Master's Degree in Intellectual Property and Innovation, offered jointly by the WIPO Academy, the Moroccan Office of Industrial and Commercial Property (OMPIC), the Ministry of Industry and Trade of the Kingdom of Morocco, and Université Mohammed VI Polytechnique (UM6P) in Ben Guerir, Kingdom of Morocco
14. **UPCOMING:** Master of Laws (LL.M.) / Master's Degree in Intellectual Property and Management (MIPM), offered jointly by the WIPO Academy, the Office of the Controller General of Patents, Designs and Trade Marks of India, and the National Law University Delhi (NLU-D), in New Delhi, India
15. **UPCOMING:** Master's Degree Program in Intellectual Property and Innovation Policy, offered jointly by the WIPO Academy, and Tsinghua University in Beijing, People's Republic of China
16. **UPCOMING:** Master's Degree in Intellectual Property Management and Innovation (MIPMI), offered jointly by the WIPO Academy, the Intellectual Property Office of the Philippines (IPOPPL) and De La Salle University (DLSU), in Manila, Philippines
17. **UPCOMING:** Master's Degree Program in Business Management of Intellectual Property (MBMIP), offered by the University of Nizwa, Sultanate of Oman

Specialized IP Course:

- PatentX Course: WIPO-Harvard Patent Law and Global Public Health Course (2023-24)

WIPO Academy Support to Universities

1. University of Indonesia and Universitas Padjadjaran – Indonesia (National)
2. University of the West Indies in Barbados and Jamaica
3. University of Alicante, Spain
4. Hamad Bin Khalifa University (HBKU) and Ministry of Commerce and Industry of the State of Qatar
5. Carthage University (Tunisia): Professional Master’s Degree on Innovation Engineering and Transfer of Technology (MIETT)
6. NEW: Mongolia: The Intellectual Property Office - Implementing Agency of the Government of Mongolia (“IPOM”), the Mongolian National University of Arts and Culture (“MNUAC”) and the University of Finance and Economics (“UFE”)
7. NEW: Colombia: Universidad del Norte (“Uninorte”) located in Barranquilla, Colombia
8. NEW: Mali: Université des Sciences Juridiques et Politiques de Bamako (MALI)
9. NEW: Brazil, Chile & Mexico: IP and Business Programs with Colleagues dealing with Projects – in progress.



WIPO-WTO Colloquia and Research Conferences

- ❖ **WIPO-WTO Colloquium for IP Teachers and Researchers**, annual two-week program. WIPO-WTO Colloquium research papers (from 2010) [here](#)
- ❖ **WIPO-WTO Colloquium for IP Teachers and Researchers in Africa** jointly organized by WIPO, WTO and University of South Africa in 2018, read research paper [here](#). Second edition of conference to be organized in partnership with University of Cape Town, August 2024.
- ❖ **IP and Innovation Researchers of Asia (IPIRA) Conference** jointly organized by WIPO, WTO, University of Geneva (UNIGE), Nanyang Business School, School of Law- Texas A&M University and International Islamic University of Malaysia for more information please check [here](#)
- ❖ **Intellectual Property and Innovation for Latin America (IPILA) Conference** co-organized by WIPO, WTO and UdeSA, the Center of IP and Innovation in Universidad de San Andrés, for more information please check [here](#)
- ❖ **Intellectual Property Researchers Europe (IPRE) Conference** jointly organized in by WIPO, WTO and University of Geneva (UNIGE) for more information please check [here](#)



eLEARNING



DL- 450 IP Management	Target Audience	Topics
<ul style="list-style-type: none">• Teaches IP management principles using management examples and established industry methodologies• Currently offered in 7 languages with possibility to customize• Experienced tutors who are expert practitioners in the field of IP management.	<ul style="list-style-type: none">• University researchers• TTO staff• Business management professionals responsible for managing and protecting IP with an enhanced legal and business focus	<ul style="list-style-type: none">• IP management strategies• Innovation and IP protection• IP valuation and finance• IP commercialization• IP and the public domain• Open source
Certification Course for Tech Transfer Offices and TISC Staff	Target Audience	Topics
<ul style="list-style-type: none">• Objective is to develop intellectual property (IP) skills and knowledge associated with the professional services performed by staff members and officials of TISCs• Offered as a foundational course and will be piloted in specific topics i.e. patentability searching and tech transfer in the biotech industry	<ul style="list-style-type: none">• TISC employees and staff• <u>TTOs</u> and academic researchers where a TISC has been set up in universities	<ul style="list-style-type: none">• Introduction to IP• Protecting different types of IP• Patent Search and Non-Patent Literature



BLENDED

ICMTP – Intellectual Capital Management Training Program	Target Audience	Topics
<ul style="list-style-type: none">• Offered in partnership with Hamad Bin Khalifa University (HBKU)• Blended training (in-person and online) with possibility for mentorship• Employs a fire-side chat model, interviewing top businesses across industries on intellectual capital management	<ul style="list-style-type: none">• Business executives• SMEs & Entrepreneurs• Tech transfer offices• University researchers & students	<ul style="list-style-type: none">• Intellectual capital Management• Knowledge and proprietary information assessment• Evaluation of intellectual capital• IP licensing and assignment decisions
IP and Life sciences for L'Oréal-UNESCO Women in Science Programme	Target Audience	Topics
<ul style="list-style-type: none">• WIPO Academy, together with partners at the United Nations Educational, Scientific and Cultural Organization (UNESCO) and the Korean Intellectual Property Office (KIPO) are committed to addressing the gap of women in STEM and IP by providing women scientists the knowledge and skills required to navigate complex domains of IP.	<ul style="list-style-type: none">• Women scientists who are Laureates and Rising Stars of the L'Oréal-UNESCO for Women in Science Programme	<p>IP and Life Sciences</p> <ul style="list-style-type: none">• Using patent information• Entrepreneurship support to research outputs• University IP policies on commercialization of research outputs• Economics of IP

MASTER'S PROGRAM

Master's Degree Program in Intellectual Property and Technology Transfer	Topics Covered
<ul style="list-style-type: none">• Offered jointly WIPO, Sofia University and the Patent office of the Republic of Bulgaria• First program focusing on the interface between IP and tech transfer• Emphasis on acquiring knowledge in the core areas of IP with a focus on technological transfer principles and processes• Graduates will be equipped to work as tech transfer managers in gov't bodies, research institutions, universities, <u>TTOs</u> & innovation and <u>techno centers</u>	<ul style="list-style-type: none">• IP commercialization• Patent intelligence for technology transfer and innovation• Innovation management• Entrepreneurship and innovation• International investment and portfolio• Business management for SMEs.



IP TRAINING INSTITUTES -IPTIs

EI –Salvador IPTI	Target Audience	Topics
<ul style="list-style-type: none">• Support higher learning institutions to create IP policies and regulation models and raise awareness among senior officials about the need to integrate IP policies and strategies within universities.• Build capacities in operational-level officials of HEIs regarding IP management within universities.• Supplement the training provided by the IP School to law students for implementing the pilot program of IP legal clinics for SMEs.• Build capacities in university students to generate ideas/prototypes of marketable innovations through IP.	<ul style="list-style-type: none">• Higher Education Institutions – HEIs• University students	<ul style="list-style-type: none">• IP Policies for academic sector• IP management strategies• IP legal clinics for SMEs• Generating disruptive ideas

THANK YOU!

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