



APCTT
Asian and Pacific Centre
for Transfer of Technology



Department of Science and Technology
**Technology Application &
Promotion Institute**

International Conference on the Commercialization of Intellectual Property Assets and PHILIPPiNExT: Philippines' International Exposition of Technologies

July 14-17, 2025
Manila, Philippines

Jointly organized by:

Asian and Pacific Centre for Transfer of Technology (APCTT), United Nations
Economic and Social Commission for Asia and the Pacific (ESCAP)
and

Technology Application and Promotion Institute (TAPI), Department of Science and
Technology (DOST), Philippines

BACKGROUND

Intellectual Property (IP) plays a crucial role in the economic growth of countries, particularly in developing countries. IP helps stimulate innovation, attracts investment, generates revenue, supports local industries, and boosts international trade. Additionally, commercialization of IP is essential for unlocking the full potential of IP assets which could significantly contribute to economic growth, innovation, investments and global competitiveness. It also empowers local entrepreneurs and industries, reduces technological dependency, and supports sustainable development.

While IP commercialization offers significant benefits to countries, there are several challenges including inadequate infrastructure and support systems, legal barriers, limited access to funding, poor market linkages among others. Essential steps for overcoming these barriers include strengthening IP protection and enforcement, improving access to funding and market, fostering R&D infrastructure, educating businesses and entrepreneurs about the value of IP and its monetization, and fostering international collaboration and networking. Accessing international markets allows local innovations to reach a broader audience, attract foreign investment, and generate revenue, leading to economic growth and technological advancement. By tackling these challenges, countries can unlock the full potential of their IP assets and accelerate their economic and technological development.

The international conference and exposition will serve as a collaborative platform for regional stakeholders to build cross-border networking and partnerships for exploitation of their IP assets. Enhanced collaboration and shared best practices can boost investor confidence, potentially increasing cross-border investments in IP-intensive industries. The exposition will provide a platform to innovators from the region to showcase technology innovations to explore cross-border collaboration and networking opportunities. The event is expected to contribute to the overall development of a robust and collaborative environment for the commercialization of IP assets in the Asia-Pacific region.

The conference deliberations will focus on greater alignment of IP policies, harmonization of regulatory environment for cross-border transactions, and common frameworks and

methodologies for IP valuation which can facilitate smoother transactions between member States. As the host country, the Philippines will exhibit its potential and promising IP assets spanning from traditional knowledge and cultural expressions to cutting-edge technological innovations. By bringing together experts and stakeholders from the region, the DOST Philippines hopes to highlight the diversity and richness of these assets and how they can be effectively leveraged for economic growth and development.

In conjunction with the conference, DOST-TAPI will host the ***PHILIPPiNExT: Philippines' International Exposition of Technologies*** to further the vision of DOST, by showcasing innovative technologies with an objective to promote commercialization through cross-border networking and partnerships.

OBJECTIVES

- Improve the capacity of stakeholders from Asian and Pacific member States to maximize the potential of locally developed innovations and IP assets, particularly from government-funded research, through cross-border sharing of best practices and strategies,
- Support in building networks and partnerships towards exploitation of intellectual property across borders and improve cross-border investments in IP-intensive industries.
- Explore innovative approaches to governance, policymaking, and greater alignment of IP policies (e.g., harmonized regulatory environment and valuation methodologies) among member States that can better support cross-border commercialization of IP assets, and provide recommendations for strengthening regional cooperation.

PARTICIPANTS

The conference will bring together key stakeholders, including policymakers and government officials, business leaders, academicians, research organizations, and intellectual property experts, to discuss and exchange ideas on strategies and best practices for commercializing intellectual property assets.

THE ORGANIZERS

The Philippines' **Department of Science and Technology (DOST)**, which is the primary agency responsible for directing, leading, and coordinating scientific and technological endeavors in the country and ensuring that R&D outcomes are aligned and utilized for maximum economic and social benefits, has been actively promoting and supporting the commercialization of its locally-developed intellectual property assets, not only for domestic commerce but more ambitiously, towards penetration of international markets.

The Technology Application and Promotion Institute (TAPI), DOST's marketing and commercialization arm, has implemented diverse programs and strategies to achieve this goal. These efforts aim to realize the Department's vision of fostering globally-recognized and highly-competitive Filipino innovations capable of launching in the international market.

The **Asian and Pacific Centre for Transfer of Technology (APCTT)** is a specialized regional institution under the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP). This regional hub provides dedicated service to member countries, focusing on fostering technology-driven inclusive and sustainable development, assisting member states in enhancing their capabilities for national innovation system management, facilitating technology development, transfer, and adaptation, improving terms of technology transfer, and promoting the development and transfer of regionally relevant technologies.

Tentative Programme

Please note that the topic titles could still be revised.

Day 1 14 July 2025, Monday 9:00-16:50 (PST: GMT+8:00)	
Opening Ceremonies (9:30 - 12:00) Welcome Remarks Representative of Department of Science and Technology (DOST), Philippines Dr. Preeti Soni, Head, Asian and Pacific Centre for Transfer of Technology (APCTT), UNESCAP	
International Conference	
Conference Session: Where does IP fit into all this? Understanding the essence of IP protection in Climate Solutions Exploring the existing IP Policies and Initiatives for Sustainable Technologies that respond to the Climate Crisis.	
1:00 - 1:20	Empowering IP Protection: IP as a potential driver of Climate Solutions Speaker: Engr. Chamlette Garcia, DITTB, IPOPHL This session highlights how intellectual property fuels climate-focused innovations, contributing to sustainability and global efforts to combat the climate crisis. It explores how countries with strong innovation ecosystems in the Global Innovation Index tend to adapt or mitigate climate crises. It examines IP assets between countries, emphasizing how protected technologies can drive environmental solutions, promote green industries, and support a more sustainable future. The speaker is expected to provide case studies or examples of technologies and/or innovations that were devised to solve climate problems.
1:20 - 2:00	From intellectual property to policy: A guide to Climate Change Mitigation Efforts Speaker: Mr. Edwin Carrie, Deputy Resident Representative (UNDP) Mr. John Charles Altamonte, CEO, Verne Solutions This section explores climate change and data governance initiatives in the country. It aims to provide attendees with information about the prevalent issues or conflicts in managing climate change. Essentially, it will also provide discussions on existing policies. To add, the speaker is expected to provide case studies on relevant climate-related innovations.
2:00 - 2:30	Amplifying Innovations and Incentives: The Benefits of Receiving

	<p>Recognition Speaker: James Dyson Foundation Representatives</p> <p>This session explores different international award-giving bodies in disciplines like engineering, product design, etc. Some are the James Dyson Award, Braun Prize, International Design Excellence Awards, and Australian Good Design Awards.</p> <p>The speaker is expected to provide case studies of innovations that were awarded before and their state now.</p>
2:30 – 3:00	Health Break/Networking
<p>Conference Session: Beyond One Lens: A Multi-sectoral Perspective on Climate Techs</p> <p>How are innovators incentivized? Listening to the views of our friends from the media, private sector, and academe.</p>	
3:00 - 3:30	<p>A Media's Lens: Leveraging Technology for Effective Climate Change Communication Speaker: Representative from Expertise France (TBC)</p> <p>This session explores technology-powered media in the digital age. Speakers will focus on topics such as the media's role in raising awareness on climate issues and stories through the use of existing and emerging technology. It will also provide an overview of how artificial intelligence helps in fact-checking to avoid any misinformation and disinformation and help consumers or the general public make informed decisions.</p> <p>The speaker will provide case studies or examples of technologies and innovations.</p>
3:30 - 4:30	<p>"Bridging Academia and Industry to Commercialize Climate Resilience Research into Market-Ready Solutions" Speaker: Dr Anil Wali, Chief Executive Officer, BITS BioCyTiH Foundation, Birla Institute of Technology and Science (BITS) Pilani, India Dr. Mercedita Sombilla, Director, SEARCA SEAMEO</p> <p>This session explains the role of universities in conducting research related to climate resilience. It includes discussion on how technologies developed through University R&D helps address Industry needs as well as the collaborative effort done.</p> <p>The speaker is expected to provide concrete examples of innovation/research related to Climate Action.</p>
4:30 – 5:00	<p>Photo Opportunity Awarding of Certificate of Recognition for Speakers</p> <p>Synthesis - by DOST-TAPI and APCTT</p>
6:30 PM onwards	Fellowship Night

Day 2 15 July 2025, Tuesday Time: 9:00 - 16:00 (PST: GMT+8:00)	
Registration (8:30 - 9:00 AM)	
International Conference	
Conference Session: Intellectual property to increase adaptive capacity? Shifting the focus on the 'Climate Action' Sustainable Development Goal Highlights interventions that encourage or support IP adoption, diffusion, technology transfer, and commercialization.	
9:00 - 9:20	Putting SDG 13 in the spotlight: Building Climate Resilience and Fostering Innovation in the Asia-Pacific Speaker: Dr. Preeti Soni, Head, Asian and Pacific Centre for Transfer of Technology (APCTT), UNESCAP This session delves into the progress towards SDG 13 – Climate Action – across the Asia-Pacific region and role of climate innovations in driving the progress. The speaker will highlight key strategic enablers behind the development and deployment of innovative technologies to enhance climate action and resilience, with examples from the region.
9:20 - 9:40	Putting SDG 13 in the spotlight: Innovations for Climate Action and Resilience Speaker: Prof. P. Abdul Salam, Dean, School of Environment, Resources and Development, Asian Institute of Technology, Thailand This session will explore cutting-edge innovations that are driving climate action and enhancing resilience across communities and ecosystems. It will highlight technological advancements, and collaborative initiatives that address climate challenges in sustainable and scalable ways. With examples and case studies, the speaker will discuss innovative approaches that mitigate climate risks, promote adaptation, and foster long-term climate resilience.
9:40 - 10:00	Mitigating through Collaborating for Climate-Resilient Smart Agriculture Technologies Speaker: Dr. Prieskarinda Lestari, Lecturer, Department of Agricultural and Biosystems Engineering, Faculty of Agricultural Technology, Universitas Gadjah Mada, Indonesia This section explores climate change and agriculture related initiatives across Asia Pacific. It aims to provide attendees with information about the prevalent issues or conflicts in managing climate change while maintaining agricultural growth. Essentially, it will also provide discussions on existing policies that relate to mitigating climate change and building resilience using climate smart agriculture technologies. The speaker will provide case studies on relevant climate-related

	innovations.
10:00 - 10:30	<p>IP assets maximized, Climate-smart innovations commercialized Speaker: Mr. Gene Kim, Karisma LLC</p> <p>Explore how small businesses can leverage intellectual property to commercialize climate crisis innovations. Learn strategic approaches to protect and maximize IP assets, ensuring competitiveness and growth in sustainable technology markets.</p>
<p>Conference Session: Financing Climate Crisis Innovations and Technologies</p> <p>Leading players involved in investing in the commercialization of IP-backed climate-smart technologies will share insights on financing innovation and scaling climate solutions.</p>	
10:30 – 10:50	<p>Catalyzing Green Investments: ADB’s Approach to Financing Climate Innovation Speaker: ADB Rep (TBC)</p> <p>This topic explores how financial institutions fund scalable climate-smart technologies through its financing policies and structures.</p> <p>Learn about support for commercializing IP-backed innovations to accelerate global market reach.</p>
10:50 – 11:30	<p>Probing the Public-Private Collaboration to Fund Climate Change-related Innovation Speaker: Mr. Achilles Estrada, GGGI Mr. Angelo T. dela Cruz, ICSC</p> <p>Discussion on bridging financing gaps through public-private partnerships. It highlights collaborative models that support IP commercialization for climate solutions.</p>
11:30 - 12:00	<p>PANEL DISCUSSION Photo Opportunity Awarding of Certificate of Recognition for Speakers</p> <p>Synthesis by APCTT</p>
12:00 - 1:00	LUNCH Break
1:00 - 4:00	<p>Technology Pitching & Judging Main Event</p> <p>Exhibitors will have the opportunity to give the audience and the panel of judges an overview of the salient features of their innovations.</p> <p>Paper Presentation</p> <p>DOST Officials will provide a discussion on their respective technical papers relevant to the department’s functions.</p> <ol style="list-style-type: none"> 1. “From Research to Market: Analyzing the Key Determinants of Technology Commercialization in Selected DOST Research Development Institutes (RDIs)” by Atty. Marion Ivy D. Decena

	2. “A Knowledge-Based View Evaluation of Knowledge Development Practices among DOST-PCIEERD-Funded Technology Business Incubators in the Philippines” by Mr. Brian Rasco, DOST-Region I
4:00 – 5:00	Networking
5:00 - 7:00	Closing Ceremonies for Local

Day 3 16 July 2025, Wednesday Time: 8:00 - 12:00 (PST: GMT+8:00)	
Registration (8:00 - 8:30 AM)	
8:30 - 10:00	Seeing Eye to Eye Roundtable Discussion/International Dialogue and Presentation This platform will facilitate a focused exchange of ideas, allowing local and international attendees to benefit from a diverse range of perspectives. <ul style="list-style-type: none"> • The participating innovators from member States in the PHILIPPiNExT will present their innovative technologies and share their experiences. • Invited participants will have a dedicated opportunity to share their most significant insights and key takeaways from the conference sessions.
10:00 - 10:30	Break/Networking
10:30 - 12:00	Closing Ceremonies
1:00	Departure from Okada
2:00-4:00	Field Visit to PAGASA, PHIVOLCS, and PNRI <ul style="list-style-type: none"> • Weather & Flood Forecasting Center (PAGASA) • Data Receiving Center for Volcano & Earthquake (PHIVOLCS) • Earthquake Simulator (PHIVOLCS) • Green Tech Show (PNRI)
4:00	Travel to Las Casas Bataan

8:00	Dinner and Cultural Tour
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Day 4 17 July 2025, Thursday	
7:00	Breakfast
8:30	Guided Tour <ul style="list-style-type: none"> • Las Casas • Research and Development / Science Laboratory (tentative)
11:00	Lunch
4:00	Arrival at airport
6:00	Arrival at hotel