

Looking ahead

WIPO's support for TISCs and TTOs will continue to evolve and respond to local needs. New resources being developed to reinforce and expand the capabilities of TISCs and technology transfer structures will help create and strengthen innovation ecosystems, encouraging innovators to use IP for business growth and bring their innovations to market.

Looking ahead, the following new resources are in development:

- Implementation of the TPPM to support TISC focal points in coordinating and managing their national networks more effectively.
- Publication of new PLRs in areas such as graphite and ilmenite minerals, and an update of the 2022 COVID-19 vaccines and therapeutics report.
- Piloting of "serious games" on patent analytics and launch of a new distance learning course introducing patent analytics.
- Piloting of a multimedia digital training package on the Toolkit on New Product Development and Inventions in the Public Domain.
- Launch of a WIPO capacity-building package for life sciences stakeholders to support academic and business institutions in upgrading their capacities to respond to life sciences challenges such as pandemics through effective use of the IP system, IP management and technology transfer. The package will include a primer on technology transfer in the field of biotechnology and guides on patent searches in the field of chemistry and biotechnology, disclosure requirements and the protection of inventions related to pharmaceuticals and biotechnology, principles of social responsibility in IP policies related to public health, socially responsible IP commercialization in academic institutions, and a licensing toolkit in the field of genetic resources.
- Publication of an *IP Valuation General Guide* and *IP Valuation Booklet* for the Biotechnology Sector to facilitate the understanding of academic institutions, governmental organizations and inventors on the application of IP valuation methods in general and in the Biotechnology Sector specifically.
- Updating of the *Successful Technology Licensing* manual, with additional information on different IP strategies and terms of collaborative development agreements, with a new focus on SMEs.
- Strengthening of the capabilities of technology transfer structures and intermediaries, including through the launch of a mentoring program for the Baltic States Pool of Experts.
- Launch of a new program connecting creative industries and technology transfer, mapping the technology ecosystem of creative industries and recognizing the potential of AV/VR, cloud, AI, blockchain and other advanced technologies in fields such as music, gaming, design, performing arts and museums.
- Publication of an *Incentives Guide* for researchers and TTO staff introducing examples of rewards and incentives policies from universities and public research institutions worldwide to boost researcher and TTO staff engagement in technology transfer and commercialization.

- Publication of a WIPO Policy Template for Use of Copyrighted Works at Universities and Public Research Institutions, with accompanying guidelines for customization, to help academic institutions set up a general framework on the use of copyrighted works.
- Development of an ASEAN Regional Institutional IP Policy Model for Universities and Public Research Institutions.
- Implementation of an ASEAN IP valuation project to identify IP valuation practices in the region, create a list of commonly acceptable IP valuation principles, and develop an IP valuation toolkit to build the capacities of IP valuation professionals in the region.

TISC program milestones

2009

- Launch of TISC project
- Launch of ARDI

2010

- Launch of ASPI
- Conclusion of first SLAs to implement a TISC network

2011

- ARDI joins Research4Life partnership
- Publication of the first WIPO PLR

2012

- Launch of interactive e-tutorial on patent information and search
- Inauguration of eTISC knowledge management platform

2013

- First ASEAN regional TISC meeting
- First "Ask the Expert" session on eTISC

2014

- TISC and PLR projects become regular WIPO activities
- First use of open-source tools in a WIPO PLR

2015

- Publication of *Guidelines for Preparing Patent Landscape Reports*

2016

- Launch of Development Agenda Project on the Public Domain
- Launch of the Inventor Assistance Program (IAP)
- Launch of TISC training on patent analytics
- Online publication of *WIPO Manual on Open Source Tools for Patent Analytics*

2017

- First TISCs start providing patent analytical services
- Approval of new Development Agenda Project on Technology Transfer and IP Management

2018

- First workshops on guides for identifying and using information in the public domain
- Launch of the Patent Register Portal

2019

- Launch of *WIPO Technology Trends 2019: Artificial Intelligence*
- First training courses on technology transfer and IP management based on a new methodology for targeting training

2020

- 1,000 TISCs established worldwide
- Launch of WIPO INSPIRE
- Publication of guides on identifying and using inventions in the public domain
- Launch of redesigned eTISC platform
- Launch of e-tutorial as a certified WIPO Academy distance learning course
- Completion of Development Agenda Project on Intellectual Property Management and Technology Transfer

2021

- First online Global TISC Conference
- Integration of specialized technology transfer resources into the TISC program
- New WIPO INSPIRE platform integrating the Patent Register Portal and eTISC
- Comprehensive review and update of the Patent Register Portal
- Development of new tools to support the management of national TISC networks
- Launch of *WIPO Technology Trends 2021: Assistive Technology*
- Update of the *Manual on Open Source Tools for Patent Analytics*

2022

- Launch of the TPPM platform
- Development of a new package of resources on knowledge and technology transfer for sustainable economic recovery after pandemics
- Launch of PLRs on COVID-19 vaccines and therapeutics and on hydrogen fuel cells in transportation
- New IP and technology transfer webpage
- Establishment of a Baltic States TTO Network and signing of MoU with WIPO

Useful links

WIPO Technology and Innovation Support Centers
www.wipo.int/tisc/

WIPO Directory of Technology and Innovation Support Centers
www.wipo.int/tisc/en/search

WIPO INSPIRE
inspire.wipo.int

Intellectual Property and Technology Transfer
www.wipo.int/technology-transfer

IP Policies for Universities and Research Institutions
www.wipo.int/technology-transfer/en/ip-policies.html

ASPI – Specialized Patent Information
www.wipo.int/aspi

ARDI – Research for Innovation
www.wipo.int/ardi

WIPO eTISC
<https://etisc.wipo.int>

Patent Register Portal
www.wipo.int/patent_register_portal

WIPO Technology Trends
www.wipo.int/tech_trends

WIPO Patent Analytics
<https://wipo-analytics.github.io>

Patent Landscape Reports
www.wipo.int/patentscope/en/programs/patent_landscapes

Technology Transfer Training Needs Assessment Manual and Toolkit
www.wipo.int/publications/en/details.jsp?id=4586

WIPO Academy Distance Learning Courses
www.wipo.int/academy/en/courses/distance_learning

TISC Webinars
www.wipo.int/meetings/en/topic.jsp?group_id=327

Database of Intellectual Property Policies from Universities and Research Institutions
www.wipo.int/technology-transfer/en/database-ip-policies-universities-research-institutions.html

Model Agreements
www.wipo.int/technology-transfer/en/agreements.html

Inventor Assistance Program
www.wipo.int/iap

Time- and Cost-Efficient Alternative Dispute Resolution of R&D and Technology Transfer Disputes for TISCs
www.wipo.int/amc/en/center/tisc