



# Global Developments in the WIPO Program on Technology and Innovation Support Centers (TISCs)

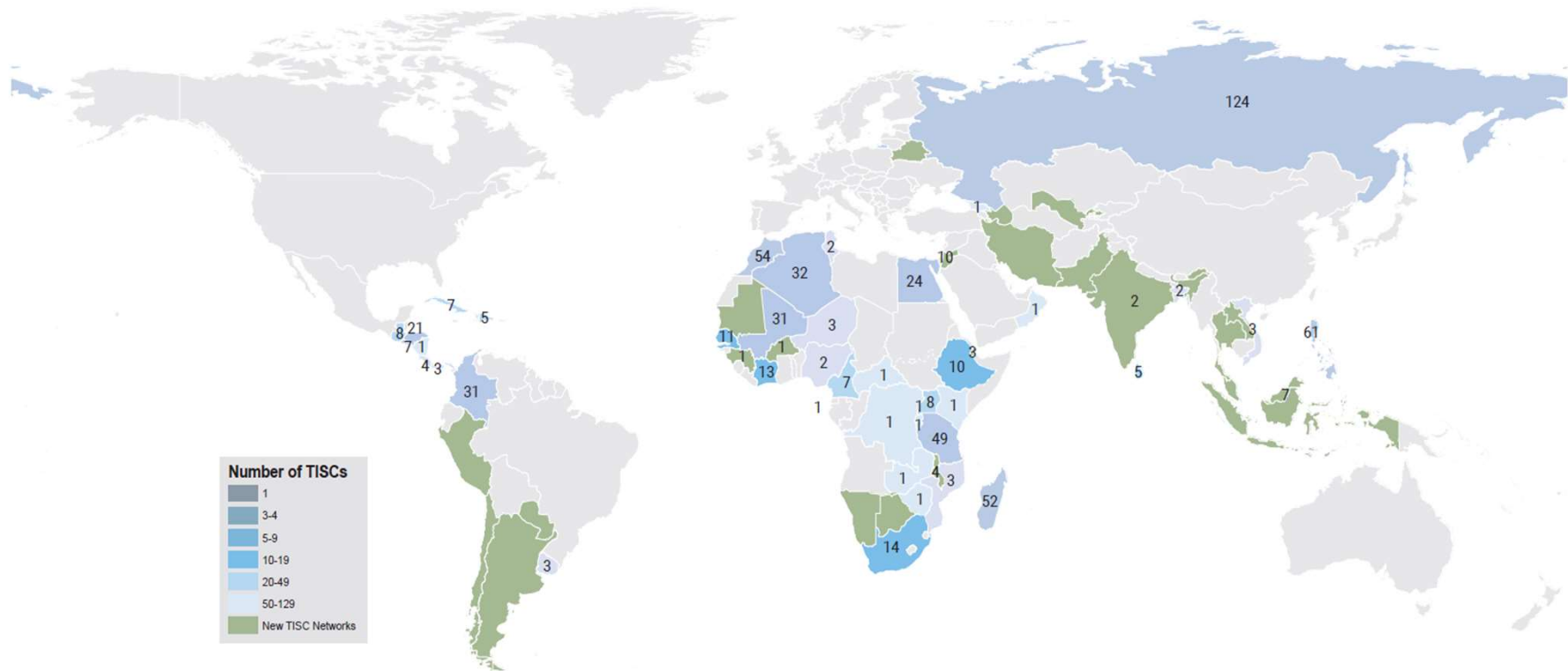
Andrew Czajkowski

Head, Innovation and Technology Support Section

# Overview

- Results to date
  - Capacity Building
  - Networking
  - Resources
- Developments in related:
  - Programs
  - Projects
  - Platforms
- Growing TISC Services Portfolio
- Success stories

# Results to date



**77 national projects** and **682 TISCs** worldwide (*August 2018*)

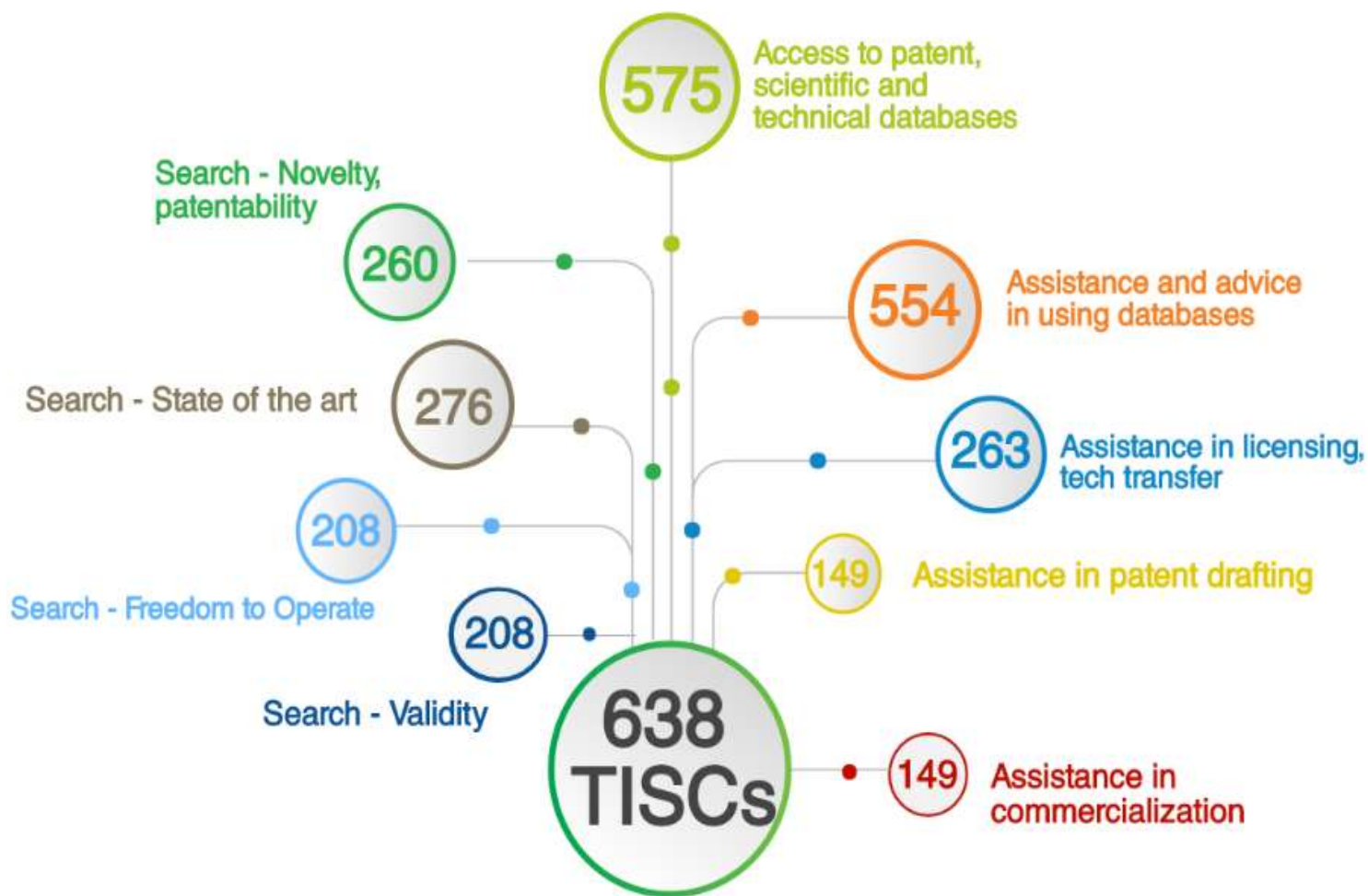
**> 700'000 inquiries** supported annually (*date from December 2017*)

# Regional distribution



Source: TISC Annual Report 2017

# TISC Services



Source: TISC Annual Report 2017

# TISC Directory

## TISC Directory: Search Results

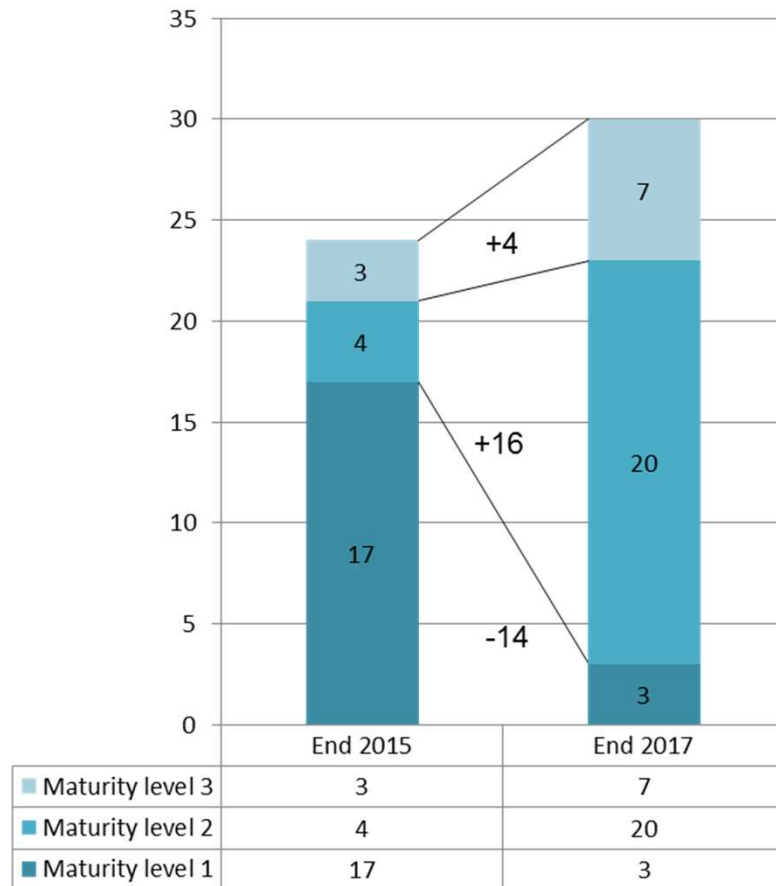
Query:  
Ethiopia

10 record(s) found.

Country / Territory	City	TISC Name
Ethiopia	Addis Ababa	Addis Ababa Institute of Technology
Ethiopia	Addis Ababa	Ethiopian Intellectual Property Office (EIPO)
Ethiopia	Addis Ababa	Food, Beverage and Pharmaceutical Industry Development Institute
Ethiopia	Addis Ababa	Kotebe University College
Ethiopia	Addis Ababa	National Archives and Library Agency
Ethiopia	Addis Ababa	Science and Technology Information Center
Ethiopia	Asosa	Assosa University
Ethiopia	Gondar	University of Gondar
Ethiopia	Hawassa	Hawassa University
Ethiopia	Mekelle	Tigray Science and Technology Agency

- Contacts
- Services
- Technology specialization
- Languages
- Searchable

# Sustainability: Maturity Levels



30 TISCs are considered sustainable\*:

- Maturity Level 1: Institutionalization
- Maturity Level 2: Operationalized
- Maturity Level 3: Portfolio of services

\* WIPO Program Performance Report 2016/2017

# Capacity building



\* DL courses on patents and patent search



# Virtual Networking: eTISC Platform

WIPO eTISC

WORLD INTELLECTUAL PROPERTY ORGANIZATION

HOME EVENTS NEWS BLOG WEBINARS & VIDEOS

Welcome to eTISC  
Sign Up or Sign In

**Events**

Réunion nationale CATI à Madagascar  
August 27, 2013 to August 29, 2013 – Antananarivo, Madagascar  
1 Comment 2 Likes

Ask the Expert chat with Natalia Zolotykh  
September 2, 2013 to September 13, 2013 – World-wide  
0 Comments 1 Like

ASEAN-WIPO Regional Technology and Innovation Support 'Patent Libraries' Project  
September 4, 2013 to September 6, 2013 – Manila, Philippines  
0 Comments 4 Likes

+ Add an Event View All

**Links**

TISC Resources  
eTutorial  
WIPO

Welcome to eTISC - The Social Media Tool of the Technology and Innovation Support Centers

"We developed the eTISC to empower you by offering an online collaborative platform that will bring people together and facilitate interactions, feedback and new learning opportunities. The eTISC gives you advanced social media tools to share, inspire and learn."

Yo Takagi, Assistant Director General, Global Infrastructure, November 2012

Find your Local Technology and Innovation Support Center

Map Sat Ter Earth

View The Global TISC network in a larger map

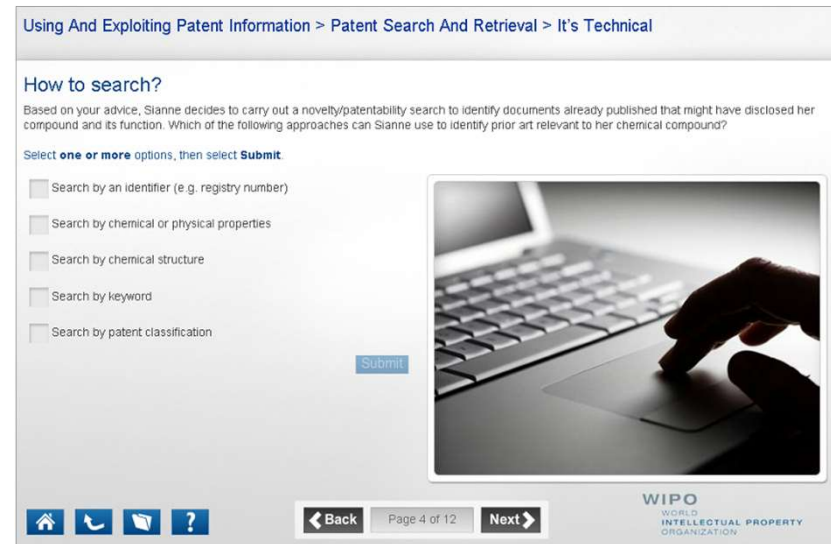
- Discussion Fora (subject-related)
- Groups (regional & interest)
- News Blog
- “Ask the Expert”
- Webinars & Videos
- > 2200 users
- > 100 countries

<http://etisc.wipo.org>

# Resources



Print resources



Electronic resources

# Access to scientific and technical journals



- Partnership with over 100 major publishers
- Free or low-cost access for over 120 least developed and developing countries to nearly 30,000 books, journals, and reference works in various fields of research including:
  - applied physics
  - engineering
  - chemistry
  - traditional knowledge

[www.wipo.int/ardi](http://www.wipo.int/ardi)

# ARDI: Research4Life Programs



World Intellectual Property Organization



World Health Organization



Food and Agriculture Organization



United Nations Environment Programme



International Labour Organization

[www.research4life.org](http://www.research4life.org)

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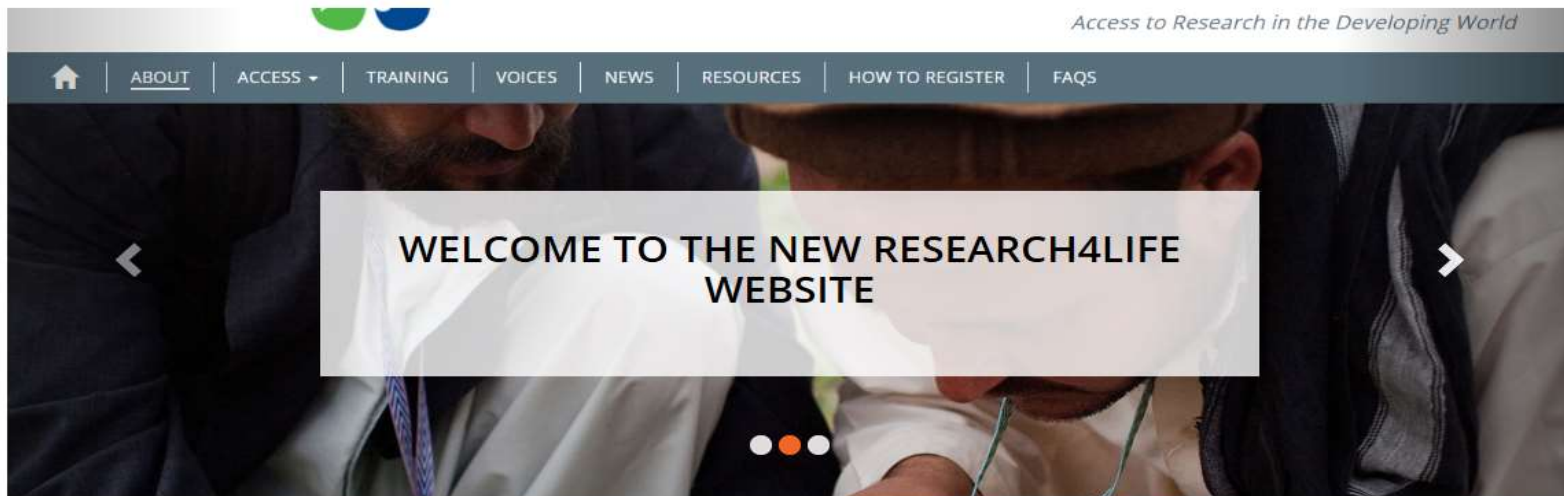
# Research4Life



English Français



Access to Research in the Developing World



Research4Life is designed to enhance the scholarship, teaching, research and policy-making of the many thousands of students, faculty, scientists, and medical specialists, focusing on Health, Agriculture, Environment and other life, physical and social sciences in the developing world, through free or low-cost access to academic and professional peer-reviewed content online.

[HOW TO REGISTER](#)

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# Access to commercial patent databases

# ASPI

ACCESS TO SPECIALIZED PATENT INFORMATION

- Partnership with 8 patent database service providers
  - AmberCite → AmberScope
  - Gridlogics → PatSeer
  - LexisNexis → TotalPatent
  - Minesoft → PatBase
  - PatSnap → IP Intelligence
  - Questel → Orbit
  - Thomson Reuters → Thomson Innovation
  - WIPS → WIPS Global

[www.wipo.int/aspi](http://www.wipo.int/aspi)

# Patent Register Portal

## Patent Register Portal

The Portal is your gateway to online patent registers and gazettes and to legal-status-related information from over 200 jurisdictions and patent information collections. Use it as a first step to identify which information can be retrieved online and how to access it.

- [How to use the Portal](#)
- [Glossary](#)
- [Resources](#)
- [Background](#)

- Map view
- Map view with filters
- Table overview
- Detailed jurisdiction files

Online Register

Online Gazette

English Interface

PCT Application/Publication Number

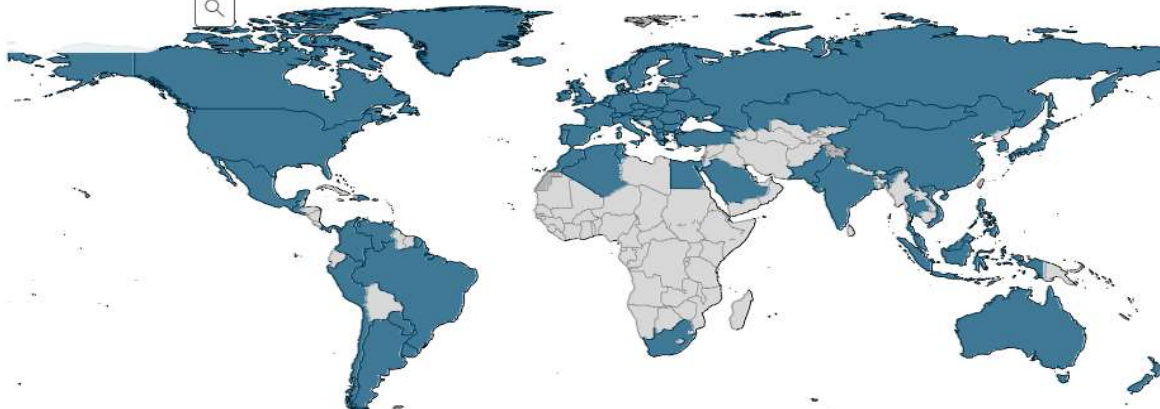
Inventor/Applicant Name

Priority Data

Fee Payment



Jurisdictions that have an online patent register



# Patent Register Portal

- Guide to how and where to find and what patent legal status information exists
  - NOT legal status data itself
- Completely new and improved user interface
  - Separate map and table views
  - Possibility of using filters with map view
- Updated and expanded data for over 200 countries
  - New search fields: applicant name, priority data, regional membership
- Detailed jurisdiction files
- To be launched 2<sup>nd</sup> semester 2018



# WIPO-WEF Inventor Assistance Program (IAP)

Media | Meetings | Contact Us | My Account | English ▾

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IP Services | Policy | Cooperation | Reference | About IP | Inside WIPO

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Home › About IP › Patents › Inventor Assistance Program On this page ▾

## Inventor Assistance Program (IAP)

The Inventor Assistance Program (IAP), a WIPO initiative in cooperation with the World Economic Forum, is the first global program of its kind. It matches developing country inventors and small businesses with limited financial means with patent attorneys, who provide pro bono legal assistance to secure patent protection.

- ▶ [Does the Program provide direct financial assistance to inventors?](#)
- ▶ [Does WIPO itself provide legal assistance under the Inventor Assistance Program?](#)

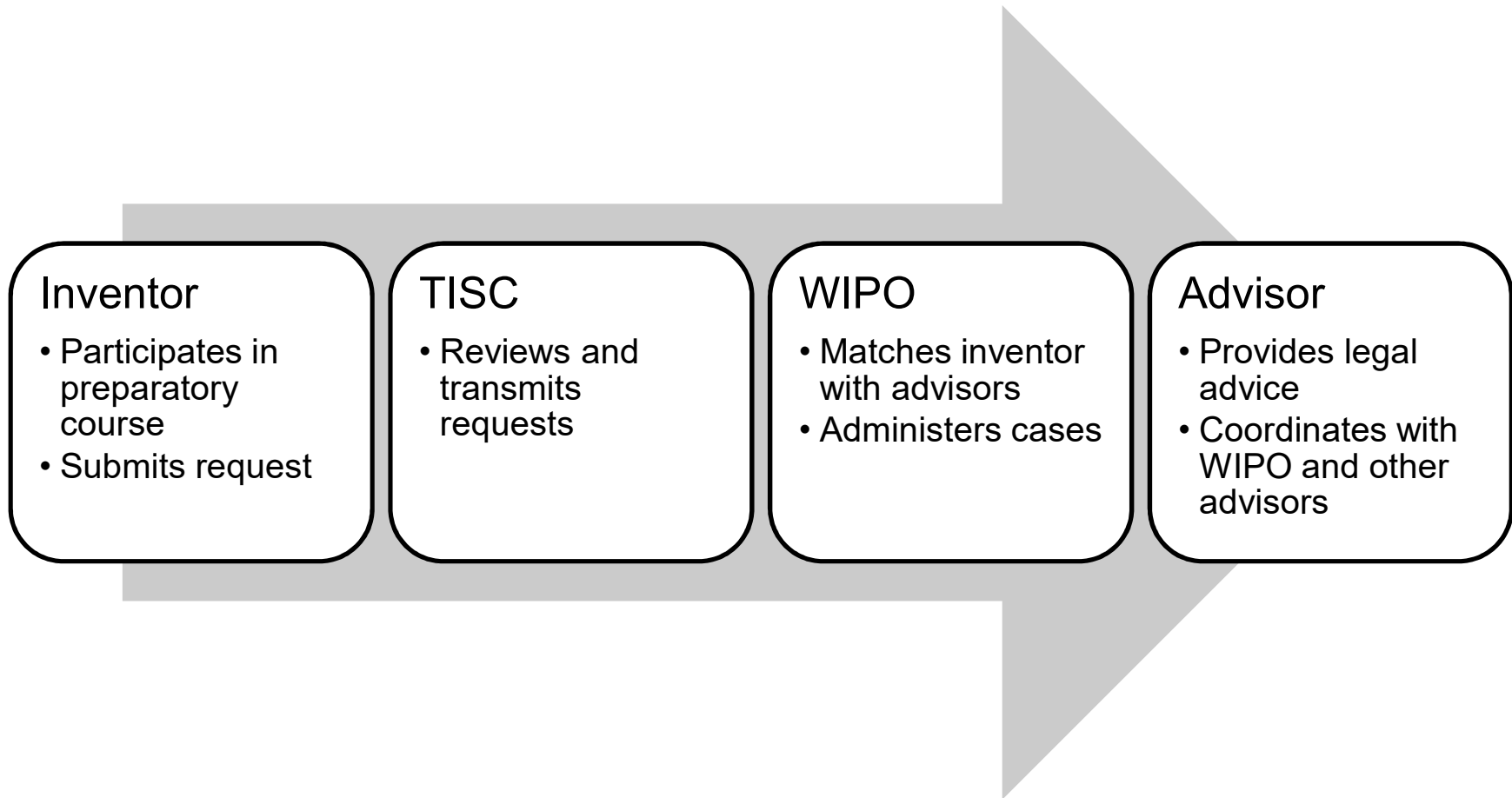
**Jimmie V. Reyna**  
Chief Judge  
U.S. Court of Appeals for the Federal Circuit, USA

Video: IP experts talk about pro bono activities and the IAP.

# WIPO-WEF Inventor Assistance Program (IAP)

- Legal assistance in filing and prosecution of patent applications for under-resourced inventors and small enterprises
- Pilot projects in Colombia, Morocco, and Philippines in 2015/16
- Global launch October 17, 2016
- Program launch in Ecuador and South Africa in 2017

# IAP: Process



# WIPO Arbitration and Mediation Center

- Alternative dispute resolution for IP and technology
  - Mediation
  - Arbitration
  - Expert determination
  - Domain name dispute resolution
- 50% reduction in registration and administration fees for alternative dispute resolution (ADR) services for **TISCs and TISC staff**

# WIPO Intellogist Platform (2019)

- Patent database reports
- Patent database comparison
- Coverage maps

Home > Coverage Map

Home Reports Platform Coverage Map Rest

## Coverage Map

The map provides information about available databases in a specific region and country plus

**Filters**

Select by patent office

Apply filters Remove filters

Initial table would have list of all th patent offices and all the features they provide  
After the filter the list only shows the selected the patent office information

**Related links**

<b>Tools</b>	<b>Technology search</b>	<b>Other resources</b>
· Patentscope	· ARDI	· TISC
· WIPO Lex	· ASPI	· eTISC

Egypt	
Egypt - Introduction descriptive text	
<b>Membership in regional/international patent systems</b>	
PCT	[x]
ARIPO	[x]
EAPO	[x]
EPO	[x]
GCC	[x]
OAPI	[x]
<b>Official website</b>	
Academy of Scientific Research and Technology	
<b>Bibliographic data</b>	
Derwent Innovation	
Orbit.com	
PatBase	
<b>Partial text</b>	
Derwent Innovation	
PatBase	
<b>Full text</b>	
PatBase	

# Project on Patents and the Public Domain

- Practical guides on the identification and use of inventions in the public domain
  - Piloting and fine-tuning of guides
  - Guides available in 6 languages
- New and enhanced training materials based on the guides for use/promotion by TISCs
- Roster of experts in different regions on identification and use of inventions in the public domain
- Improved Patent Register Portal (legal status)

# Guide on Identifying Inventions in the PD

- Objective: help determine whether specific inventions are protected by patents or may be in the public domain
- Teach how to use the process of freedom to operate (FTO) determination to describe and deconstruct an invention and to search and analyze patent documents
- Practical tool with checklists and templates for each step of the process

# Guide on Using Inventions in the PD

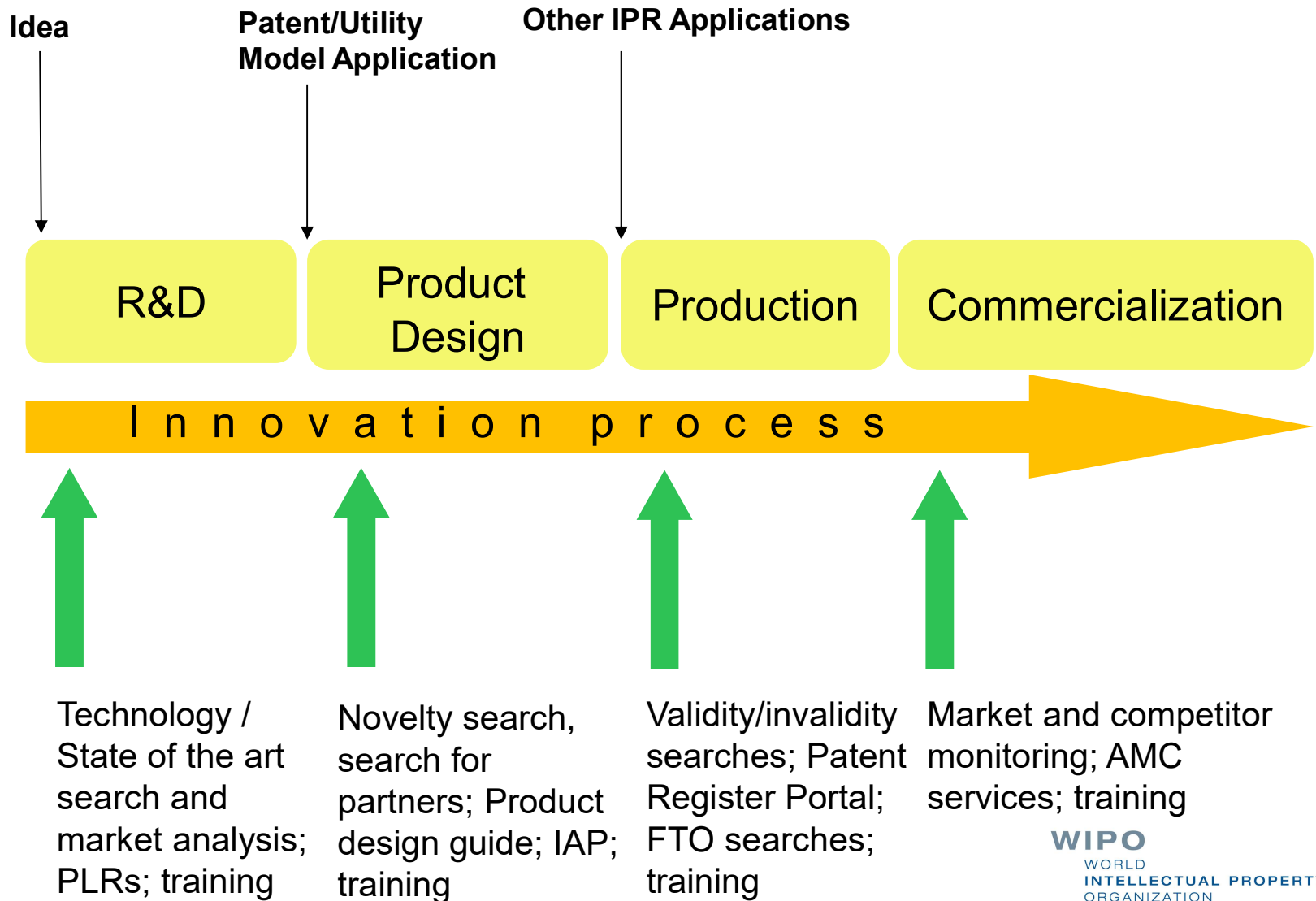
- Objective: help use and integrate PD knowledge into product design and development processes
- Tools and approaches for using knowledge and technology intelligence in the PD to develop ideas and product concepts
- Design/development basics: from idea to market



# Project on Technology Transfer Training

- Provide appropriate training for specific key role players in innovation value chain
  - Funders, developers, managers, users
- Methodology and Toolkit for training needs assessment in area of tech transfer/commercialization
- Mapping innovation value chain particularly role of key players in specific pilot countries
- Assessing training needs for the key role players using the methodology and toolkit
- Establishing training plans in pilot countries followed by general roll-out

# TISC Services Portfolio



# Publication: Stories of Innovation



- Success stories from:
- Colombia
- Uganda (completed)
  
- Dominican Republic
- Morocco
- Philippines (to be completed by end 2018)

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Source: Natalia Rodriguez

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