

Technology and Innovation Support Centers (TISC)

Progress and Needs Assessment Questionnaire 2018

SUMMARY REPORT

Prepared by the International Bureau of WIPO

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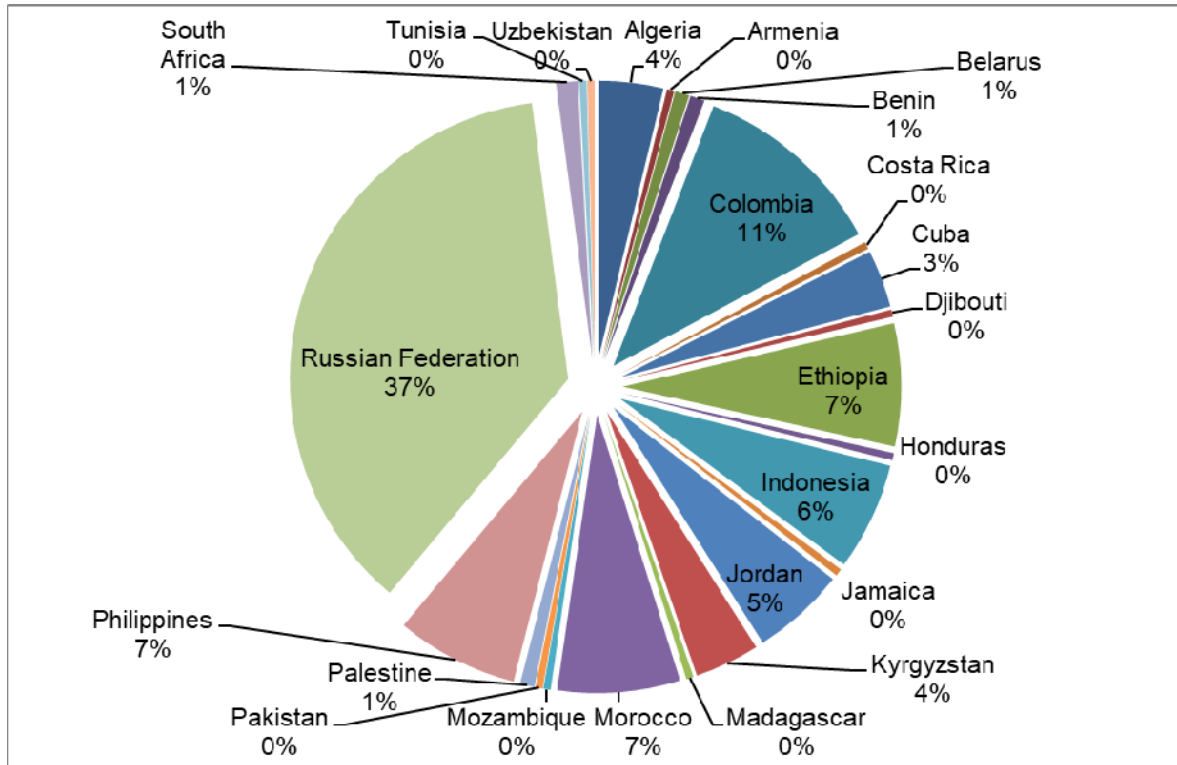
INTRODUCTION

The current report is based on a survey designed to gather information on progress made by Technology and Innovation Support Centers (TISCs) supported by the World Intellectual Property Organization within the framework of related program activities.

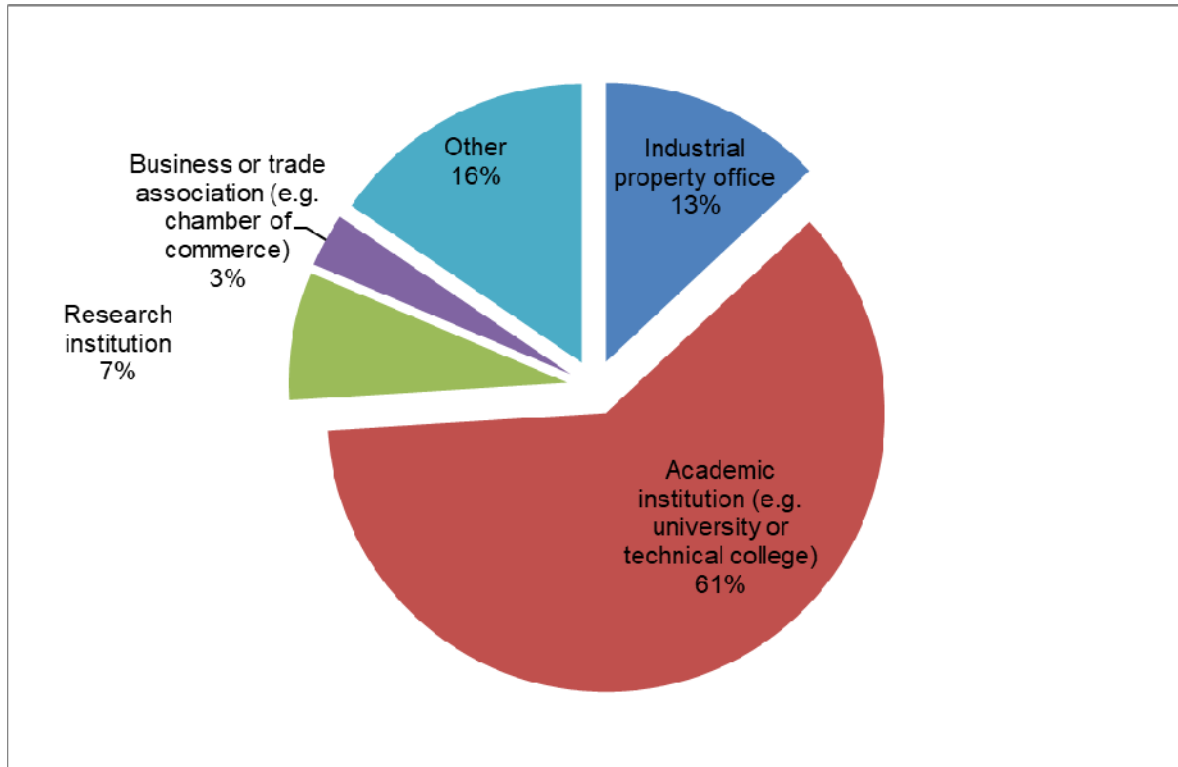
The survey was made available through the focal points of national TISC networks worldwide and open to responses from December 20, 2018 until February 28, 2019.

The responses to the survey were intended to cover the period from January 1, 2018 to December 31, 2018. In total, 167 fully completed responses and 121 partially completed responses were received to the survey.

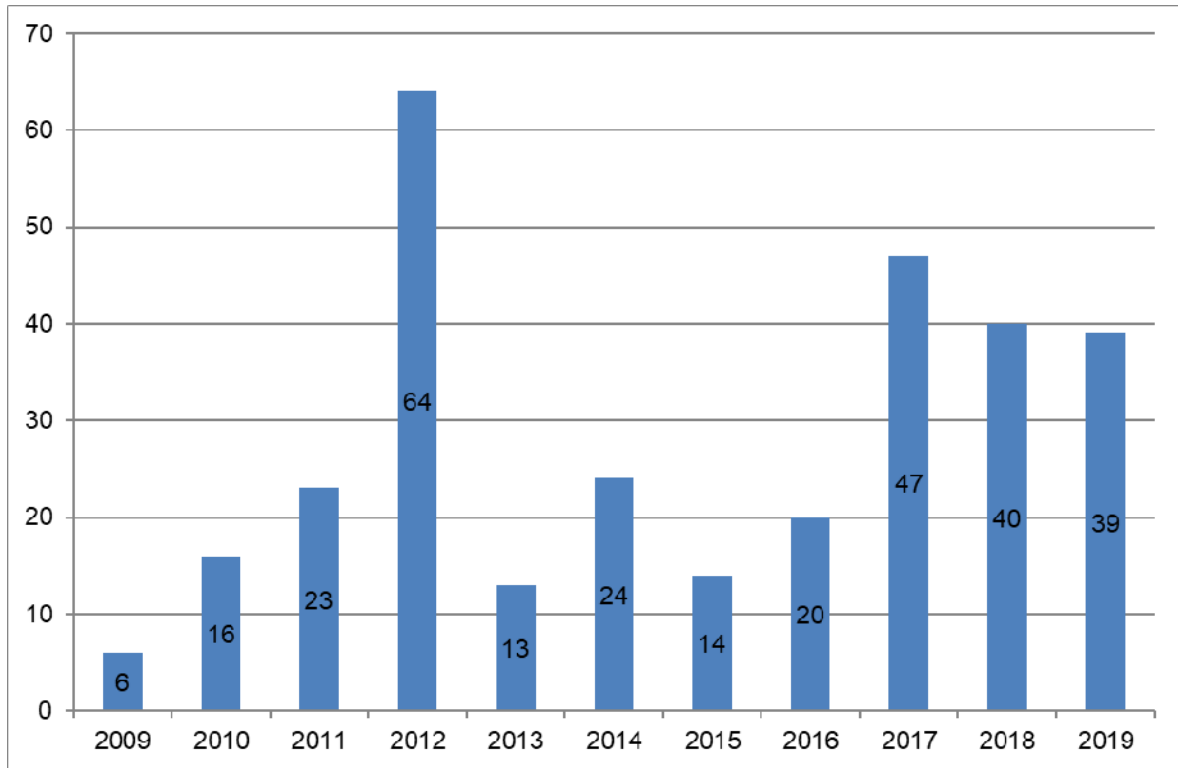
QUESTION 1: IN WHICH COUNTRY IS YOUR INSTITUTION LOCATED?



QUESTION 2: WHAT IS THE NATURE OF YOUR INSTITUTION?

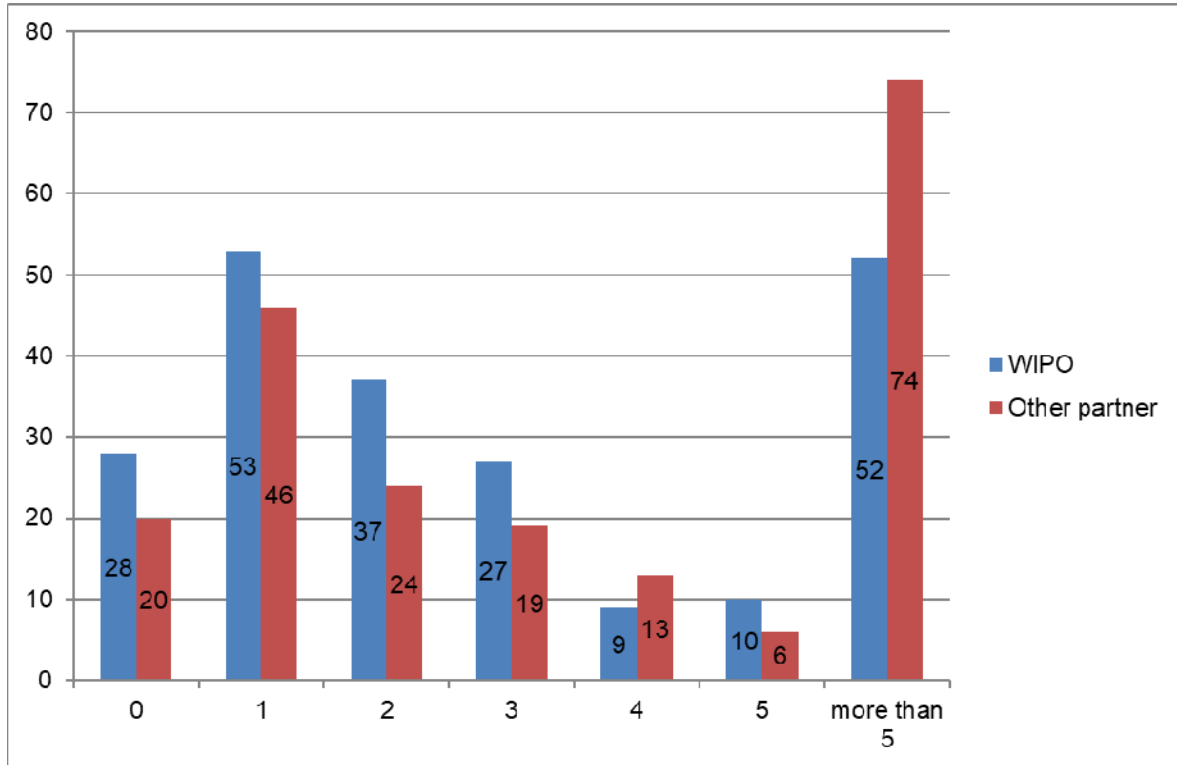


QUESTION 3: SINCE WHEN HAS YOUR INSTITUTION HOSTED A TISC, OR FROM WHEN WILL IT HOST A TISC?

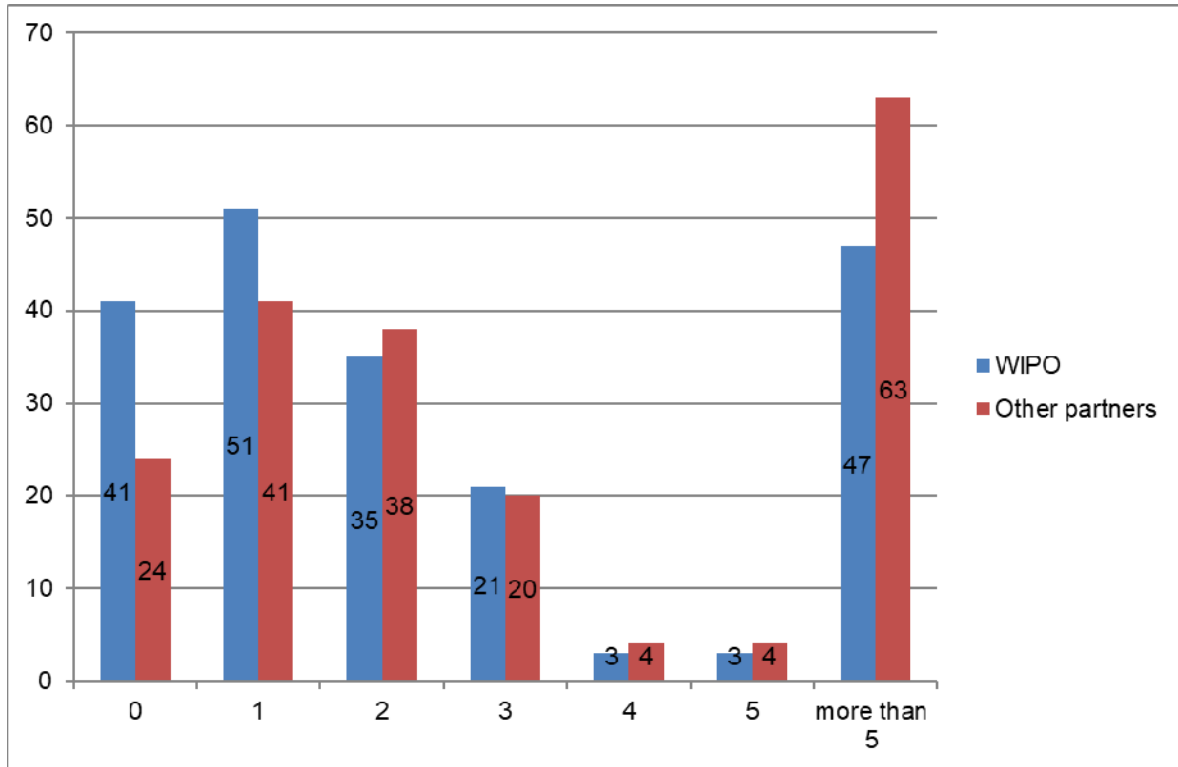


QUESTION 4: SINCE JOINING THE TISC PROGRAM, HOW MANY TRAINING ACTIVITIES HAVE BEEN PROVIDED TO YOUR INSTITUTION?

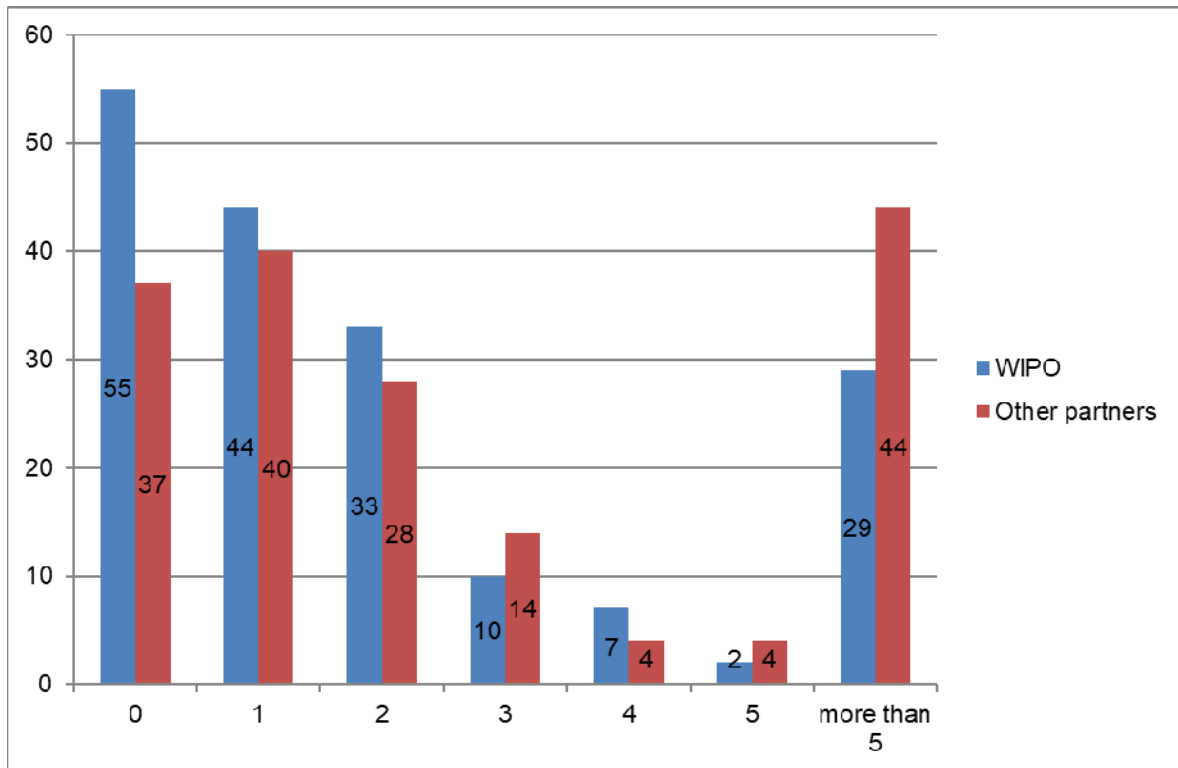
INTELLECTUAL PROPERTY RIGHTS IN GENERAL (E.G. PATENTS)



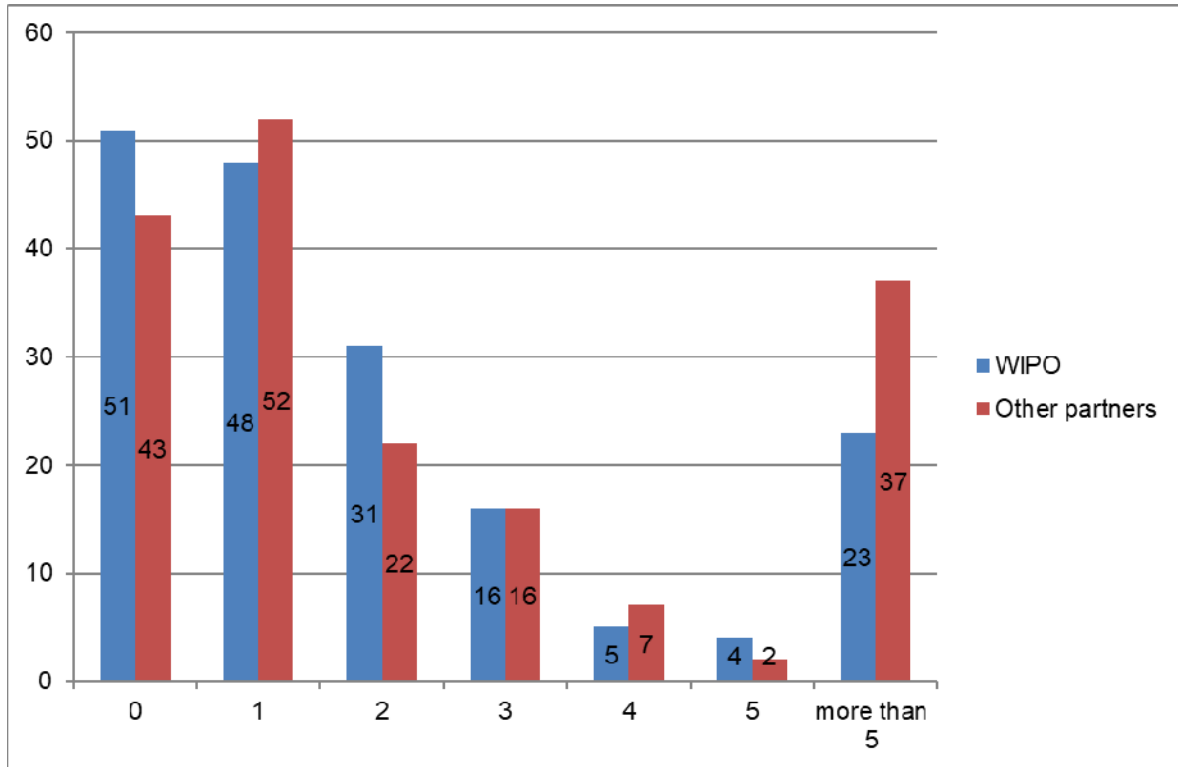
PATENT INFORMATION



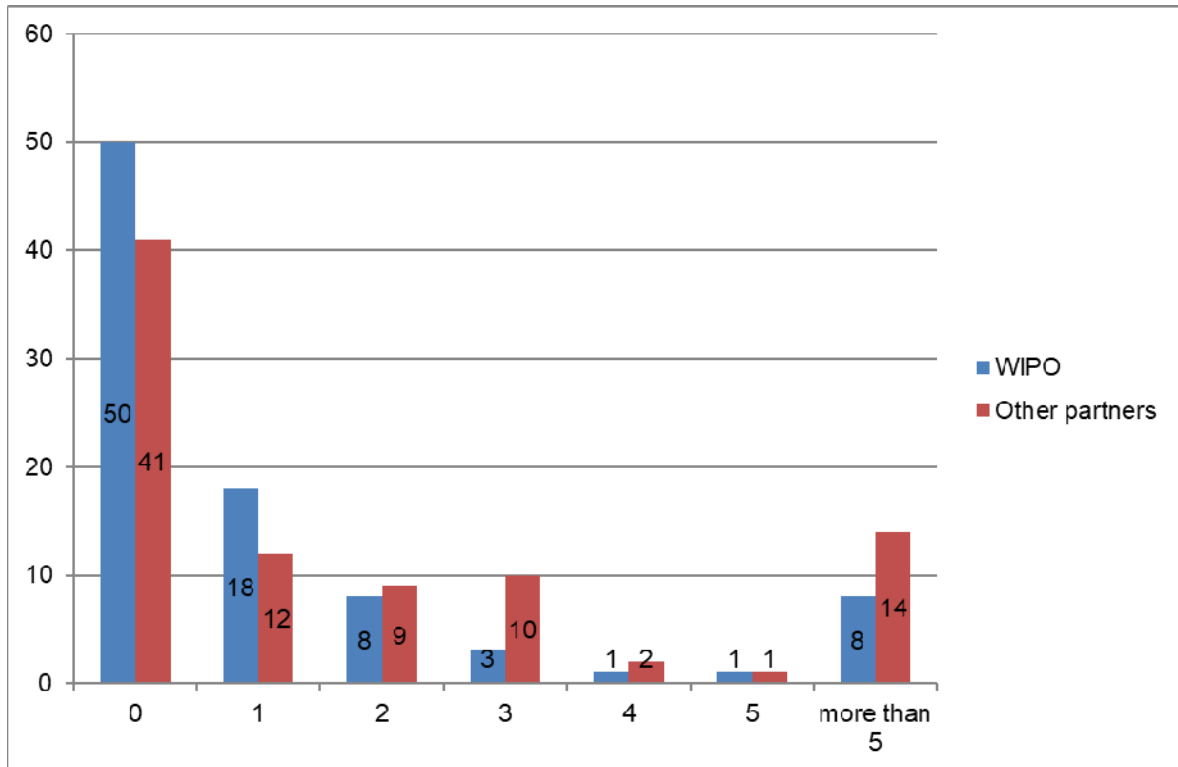
PATENT DRAFTING



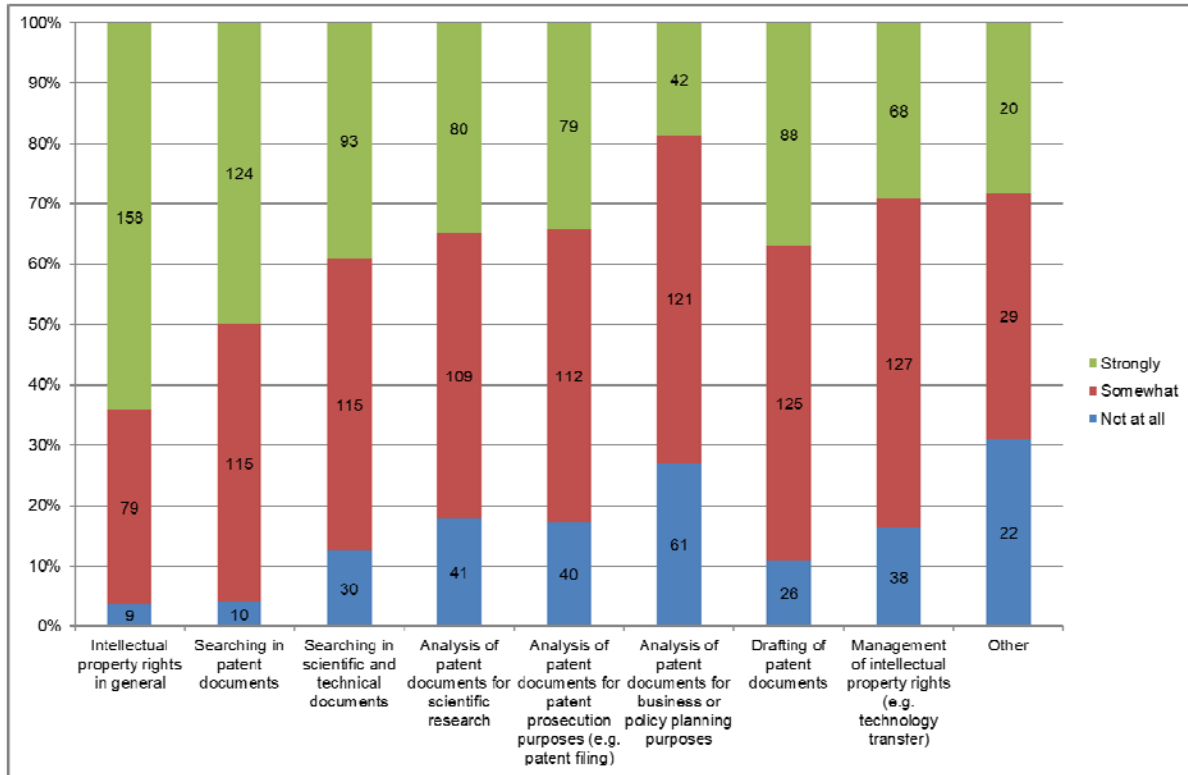
INTELLECTUAL PROPERTY MANAGEMENT



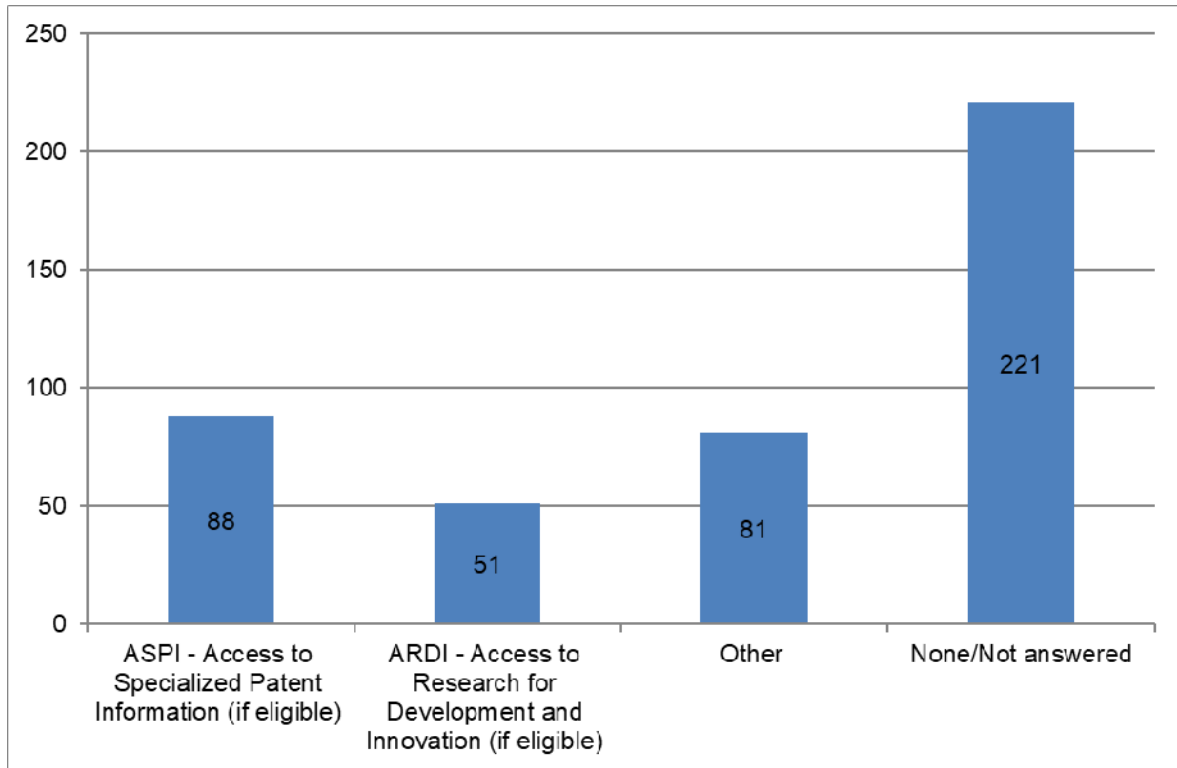
OTHER SUBJECTS



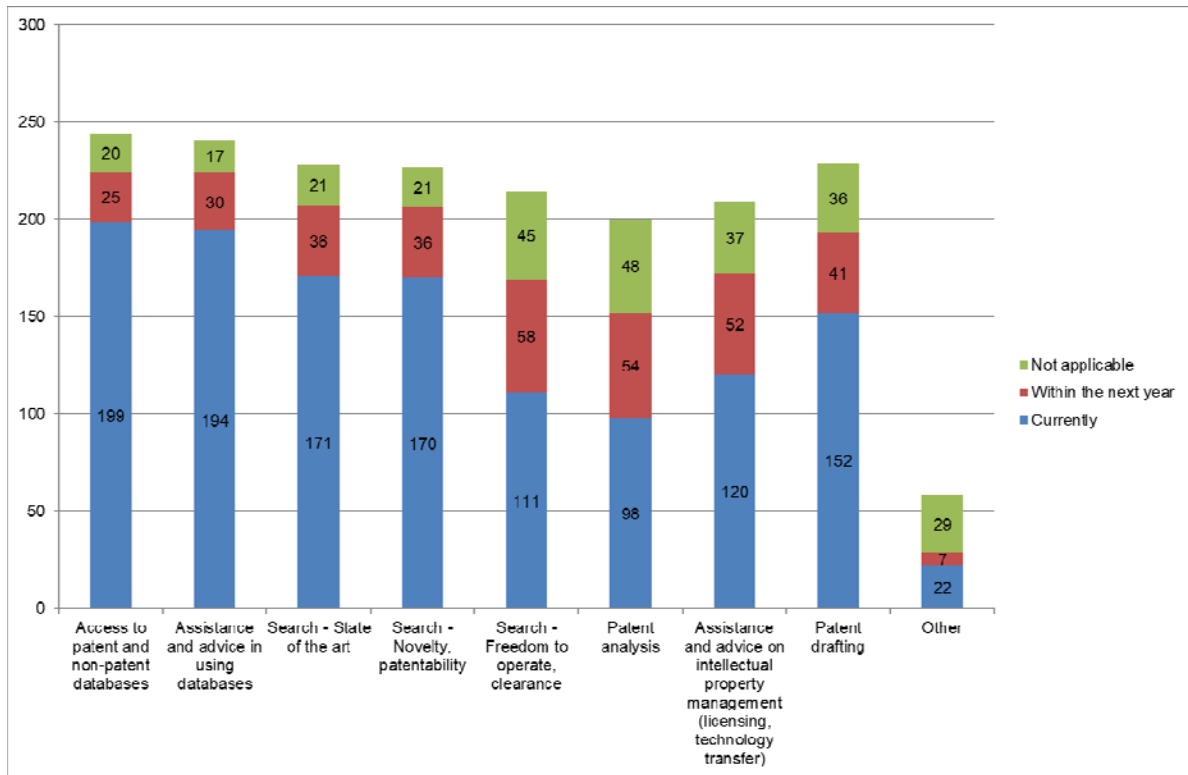
QUESTION 5: BASED ON TRAINING ACTIVITIES PROVIDED TO YOUR INSTITUTION, TO WHICH DEGREE WOULD YOU SAY YOUR INSTITUTIONS CAPACITIES HAVE BEEN STRENGTHENED?



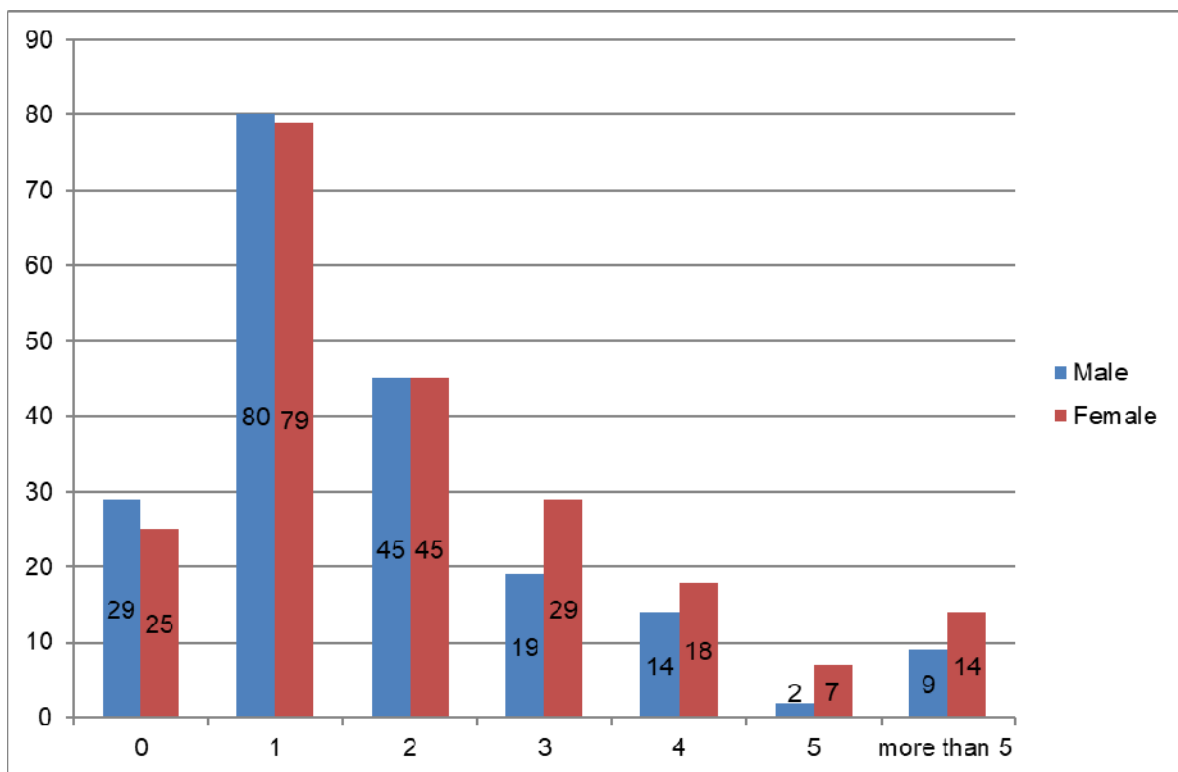
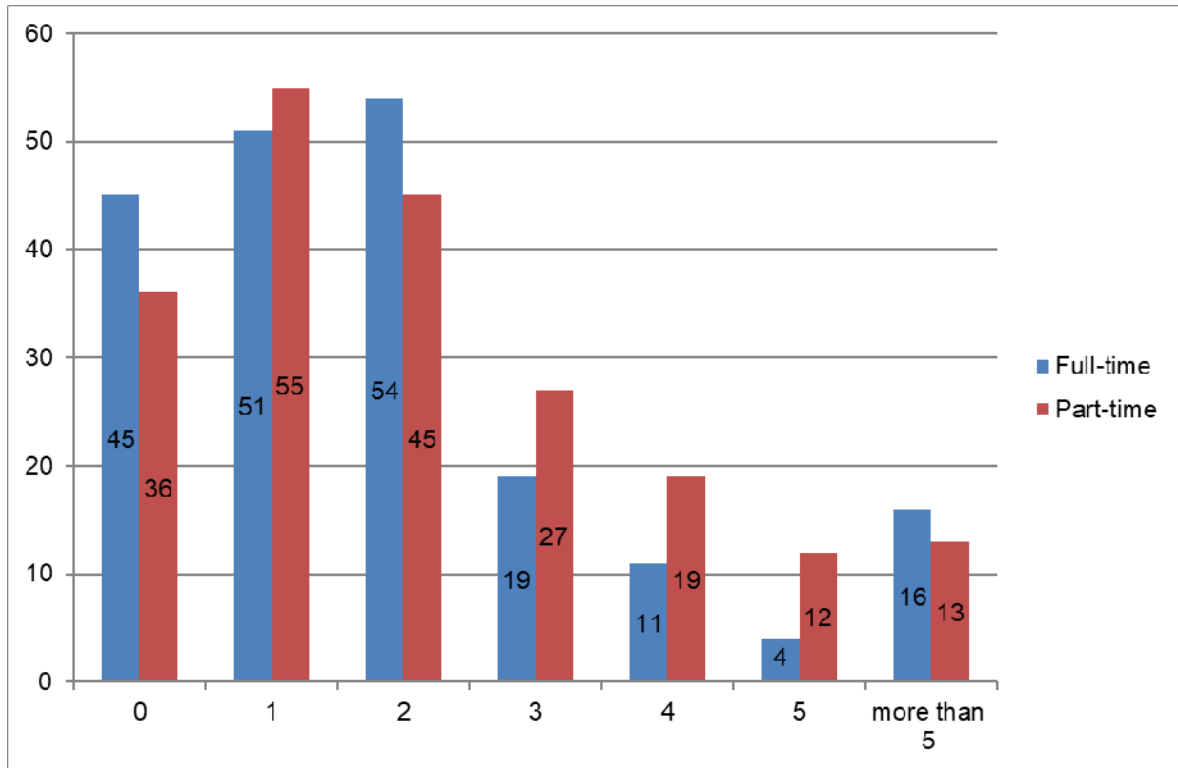
QUESTION 6: SINCE JOINING THE TISC PROGRAM, TO WHICH NEW INFORMATION RESOURCES HAS YOUR INSTITUTION GAINED ACCESS?



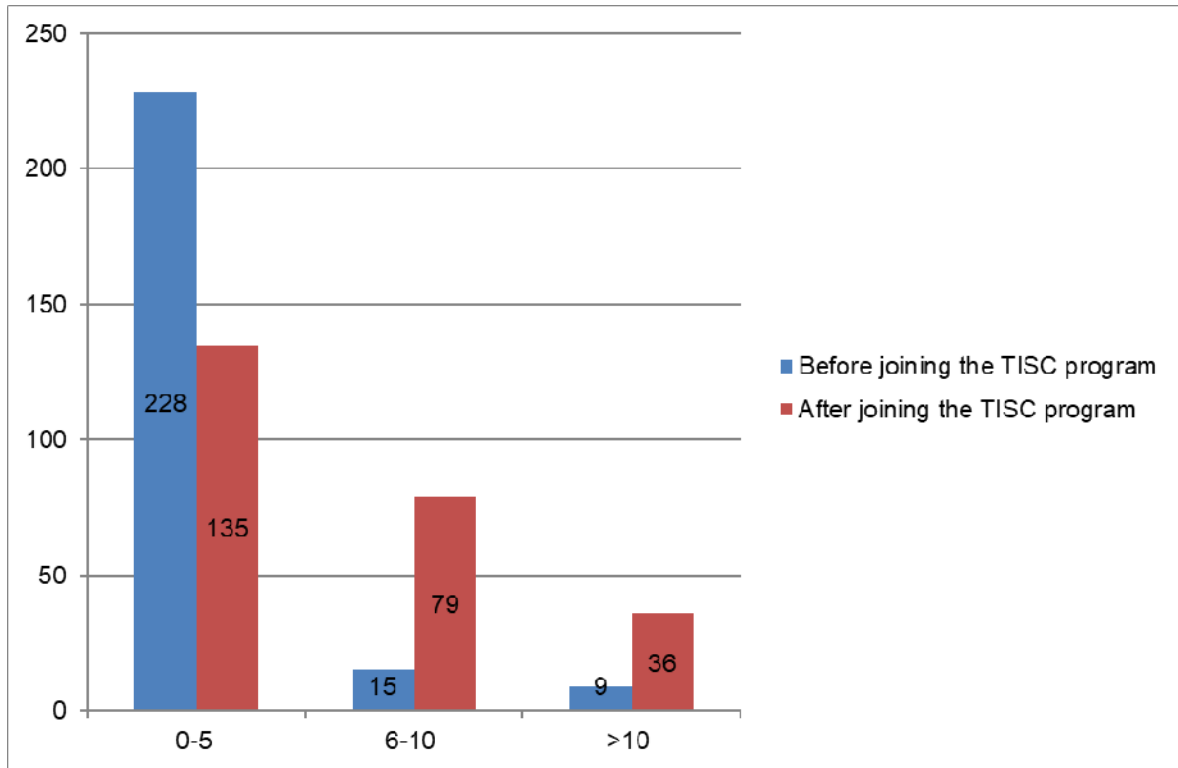
QUESTION 7: WHICH TISC SERVICES ARE PROVIDED BY YOUR INSTITUTION?



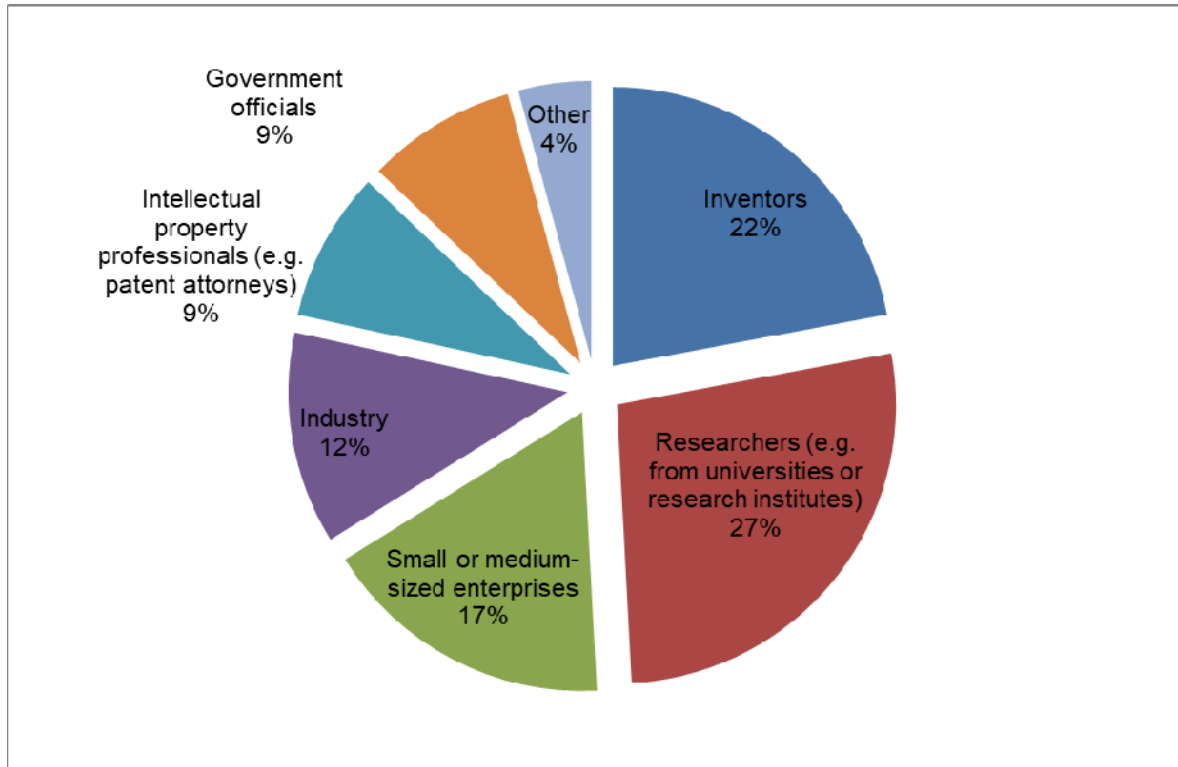
QUESTION 8: HOW MANY STAFF MEMBERS ARE CURRENTLY RESPONSIBLE FOR PROVIDING TISC SERVICES?



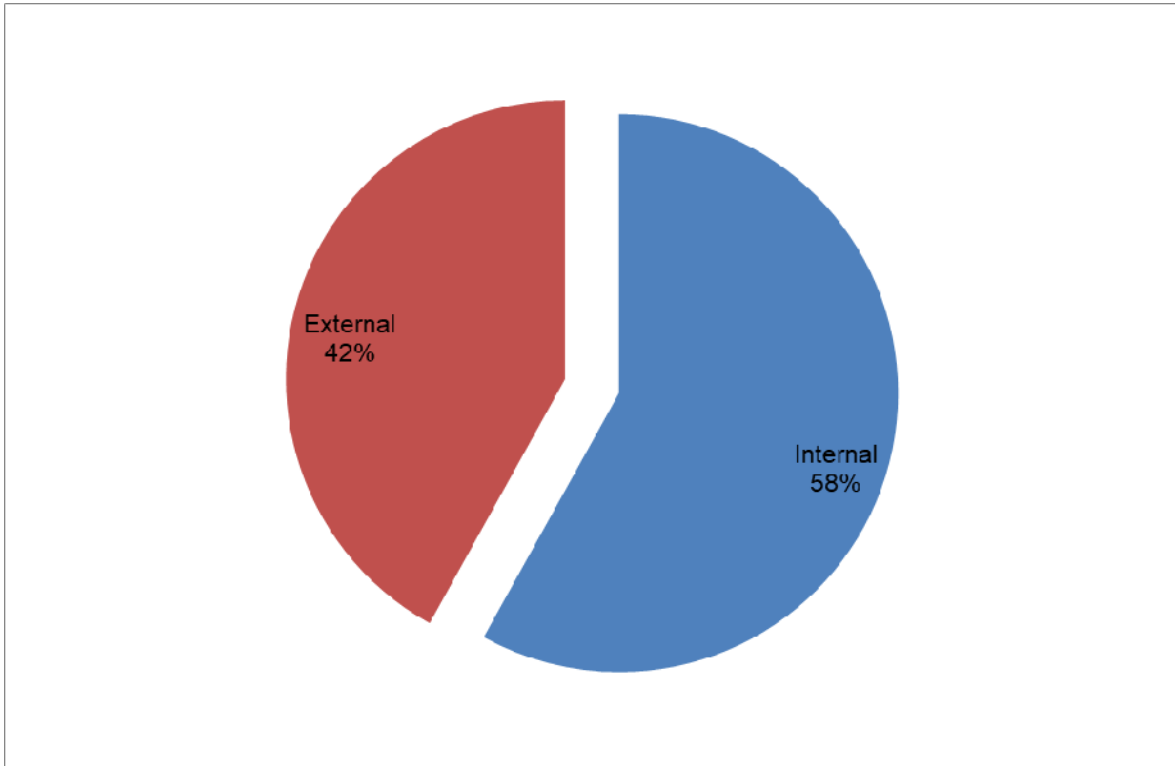
QUESTION 9: HOW MANY INQUIRIES HAS YOUR INSTITUTION RECEIVED PER DAY FOR TISC SERVICES?



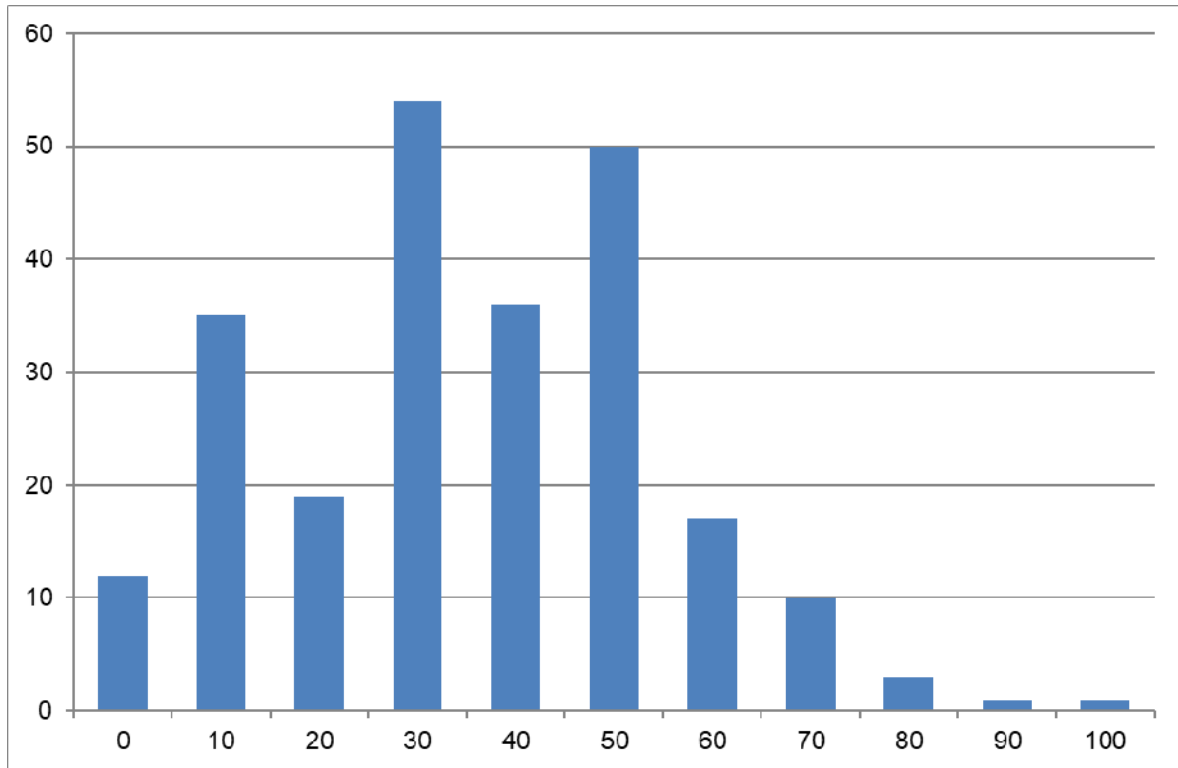
QUESTION 10: WHO ARE THE USERS OF TISC SERVICES AT YOUR INSTITUTION?



QUESTION 11: ARE THE USERS OF TISC SERVICES AT YOUR INSTITUTION INTERNAL (STAFF, STUDENTS, OR SIMILAR) OR EXTERNAL (VISITORS)?



QUESTION 12: WHICH PERCENTAGE OF USERS OF TISC SERVICES AT YOUR INSTITUTION ARE WOMEN?



QUESTION 13: WHAT ARE THE MAIN CHALLENGES FACED BY YOUR INSTITUTION IN PROVIDING TISC SERVICES?

- Lack of interest; - No separate salary for TISC coordinators (volunteers);- Lack of knowledge in IP management, patent analysis, proper patent search, etc.

Creating awareness and promoting benefits of services available at TISC. Through email promotion twice a semester, could not penetrate much even at the students and staff of our own college.

The required in-house capacity

The University present all the required assistance

We need more tisc members and training for knowledge about tisc to all institute member

We need to have conceptual and practical knowledge, skill about WIPO and other Technical competencies and TISC application process/system. Training and information/communication support

- lower awareness to the general public about TISC in particular and IP in general. - Low level of knowledge and skill among our staff about Patent and non Patent search and analysis. - Shortage of facilities such as rooms, computers. - No budget is allocated for TISC. - almost none exposure of experience sharing among regional TISC networks.

The honesty culture

There is no challenges at this time, but most of staffs have not information about TISC before. We made awareness creation currently.

Lack Of Trained Person And Availablity Of Resources and Accessories. The TISC Focal Persons Have Additional assignments.They Do The Works Side By Side.

-Sustainability of TISC services delivery -Number of service providers to the Number of beneficiaries

There are many main challenges faced by our institution in providing TISC services. Among the many challenges some of them is listed. 1. Lack of class room to establish the center. 2. Lack of materials like desktop/ laptop to do TISC activities. 3. Lack of good connection to join the partners of TISC.

in order to get online short term training that provided by WIPO

Professional training

The main challenges 1- filling the patent at the PCT Office or other office from countries other than Egypt.

The challenge is getting full time worker

Le code d'accès à des base de données reconnue

Formation aux profit des étudiants de master 2, et doctorat. Les capacités réelles des doctorants et chercheurs de notre institution sont bien meilleures que le nombre de personnes qui prennent contact avec notre CATI. Pour cela, nous envisageons d'aller vers les doctorants de première année pour leur proposer de courtes formations sur les brevets et la recherche dans les bases de données.

La négligence de la part des enseignants-chercheurs, Doctorants, et les étudiants. Car, ils ne profitent pas des offres proposées par notre TISC.

On vient de commencer et on essaye d'impliquer les chercheurs et les étudiants, en proposant un concours d'innovation pour chaque année

Reducido personal; Multiples funciones.

Manque des moyens informatiques

- Accès aux bases de données sur les brevets et assistance à leur utilisation - assistance en matière de gestion de la propriété intellectuelle (concession de licences, transfert de technologie)

Carencia de recursos para contratar mas personal. Los investigadores aun no conocen los efectos de patentar los resultados de sus investigaciones, la mayoría de sus investigaciones van para articulos científicos.

No cuenta con personal a exclusividad y por tanto su tiempo se encuentra compartido con otras funciones.

Profesionales con competencias en temas relacionados a propiedad intelectual y transferencia tecnológica

The absence of any financial support; Lack of training

Material and human resource

1. Acceso a bases de datos de patentes pagadas. 2. Presupuesto limitado debido a la falta de una meta financiera específica para Gestión de la Propiedad Intelectual y Transferencia Tecnológica. La creación de la meta financiera esta en proceso.

1. Falta de capacitación en temas más especializados de patentes, como libertad de operación, redacción de patentes 2. Vinculación a diversos niveles (entre catís americanas, europeas, asiáticas, intercambio de experiencias, etc) 3. Recursos humanos especializados que puedan reforzar el CATI

L'absence des formations dans le domaine de propriété intellectuelle.

Manque d'innovation

Financial constrain and commitment of leaders

No contamos con personal permanente, la institución realiza contratos temporales.

Trans-mètre l'information concernant la propriété intellectuelle

L'un des majeurs défis est de promouvoir la culture de l'innovation et les brevets chez nos jeunes étudiants.

Falta de personal

We currently only facilitate focal points from universities to join TISC, and provide training on patents specifically related to filing applications, searches and drafting patents. And to increase the knowledge of the focal points the training must be carried out further, and this becomes a big problem if the focal points are replaced with other people because of the assignment by the institution so that the increase in knowledge does not work as it should.

Limited human resources, especially those related to TISC Services

Socialization of the existence of TISC

The main obstacle is the uneven knowledge of intellectual property managers, especially in the technology transfer or licensing process

Empowering patents drafter, searcher, analyzer patents valuation, commercialize

We are now going our internal procedure to establish the TISCs in Myanmar.

Collaboration between inventors and industry

Training costs are our main problem

We are proposing new legislation on Intellectual Property Rights to the Parliament to be approved and enacted. Although we have the tight schedule to implement our new IP legislation, we are now going our internal procedure to join the TISC program.

Consolidar la oficina CATI. Promocionar más las actividades.

Faire une vulgarisation du dispositif OMPI au niveau des inventaires, chercheurs, et universitaires.

Convaincre les chercheurs de faire appel aux services des TISC et protéger leurs travaux par des brevets. Valoriser les travaux de recherche innovants autrement que par les publications dans les journaux internationaux

Currently we work on it technology transfer so we have got nice information from TISC services

Dividing the time between the main responsibilities at the institution and TISC activities

The main challenges faced by our institutions are:- Approval of the Law of Innovation and Scientific Research; - Creation of a technology-based incubator;- Projects financed in order to favor the appropriation of different TISC users, principally students from different institutions;- Integration into a regional and international platform of TISC in order to gain experience through successful countries.

The IP is not well known for industry and they are not aware enough how they can use it

Lack of knowledge and skill

Recursos humanos

1. completing draft and application
2. holding effective intellectual properties (patent) workshop
3. effective ways for patent drafting

TISC program is a good program for inventor, industry, researcher to find the new technology. The big challenge is awareness of community with Intellectual property still weak.

To promote TISC program we need to do road show in each department in my university and also preparation of workshop in another private university, small or medium-size enterprises, and government officials in our district.

To provide awareness regarding the importance of searching patents to researchers in the institutional environment

Nous avons besoin de plus de formation sur place concernant les services de CATI, et aussi une assistance technique pour la mise en place d'une procédure de travail au sein du réseau CATI.

Personal dedicado exclusivamente al CATI.

Baja demanda de necesidades de investigación tecnológica de parte del sector privado.

Ninguno, como recomendación se necesita que la OMPI brinde más apoyo a los CATI para capacitar a empresarios, investigadores, académicos, mipymes, etc. en todo lo relacionado a propiedad intelectual (marcas, patentes, derechos de autor etc.).

El mantener personal asistiendo al CATI

Budget for TISC Staffs in IP Training and Development.

Budget allocation

The lack of practical training and training conducted also on seasonal basis. Hence, continuous knowledge related to IP is inadequate.

We don't have enough trained staff for providing all the TISC services.

Lack of TISC awareness shortage of training time number of participant from institution is not enough

El convenio se ha firmado en el interin de un cambio de autoridades del V.Rectorado de Investigación - Esto ha generado un proceso de reorganización, que aún no se ha concluido. Por lo tanto, no se tienen definidos la estructura organizacional donde insertar claramente el CATI, las funciones, servicios, y presupuesto.

The main challenges faced by our institution is we still lack of manpower and expertise in terms of guidance.

1. Allocation of resources
2. Training
3. Awareness among potential TISC host institutions

Low demand among the University fraternity; Slow IT network

Communication with internal and external users , Propaganda and advertising

- intensification de la collaboration entre la recherche publique et l'industrie, et encouragement des différents partenaires dans l'objectif de développer des partenariats internationaux, - renforcement des activités liés au sensibilisation des e

We currently carry out the requirement of Technology Mapping/Patentability analysis etc using free databases. Access to paid databases would quicken the process as well as the certainty of the results.

Database and IT infrastructure for capacity building

1. Inadequate manpower to conduct TISC services 2. Lack of access to new non-patent search databases including ARDI and ASPI 3. Limited IP awareness among staff and students 4. Lack of capacity in technology transfer and licensing of IPRs 5. Lack of infrastructure and equipment

Le premier défi au quel mon institution est confrontée en ce qui concerne la fourniture de service de centre d'appui à la technologie et à l'innovation est la communication de l'information, ainsi le manque de formation concernant la rédaction des brevets.

Lesser exposure to IP Valuation, technology transfer & IP management strategic tools

Information on Intellectual Property Rights is not familiar to people.

Lack adequate skills; Poor internet facilities; Lack of awareness because its new and have not done proper marketing

- la connexion Internet à haut débit ; - les ressources humaines qualifiées ; - le matériel informatique : ordinateurs, scanners, imprimantes et photocopieurs.

Les principaux défis sont ceux de pouvoir vulgariser le brevetage dans les institutions l'enseignement supérieur et de la recherche scientifique (toutes catégories confondues : universités , centres de recherche.....)

We are facing challenges in, accessing local database in patent search process. drafting specific subject matters as chemical, pharmaceutical patents, etc.

Difusión, apoyo de otras áreas y comprensión sobre la importancia del uso del dominio del tema de patentes como apoyo en la investigación aplicada.

Lack of facilities like office, office equipment and well trained personnel

Absence of knowledge of the importance of patent drafting concentrating mainly on publications

1. Insufficient equipment including PCs, printer, fax machine, scanners, power back-up machines etc 2. Inadequate financial resources 3. Lack of access to commercial patent search databases including the national patent database

Difusión

élargir le fonctionnement du CATI vers d'autre établissement a l'extérieur de l'université au niveau de notre wilaya dans différents domaines économiques et industriels et même les centres de formations et de recherches scientifiques

Access to patent and non-patent databases

Access to patent and non patent database and to carry out the process from drafting , searching up to filing to the main patent office.

Falta de cultura, estamos en ese proceso de sensibilización dentro de la institución.

La falta de conocimiento sobre la importancia de los documentos de patentes y la identificación de activos intangibles susceptibles de protección por parte de los docentes y estudiantes, dificulta la atención al usuario o la protección de la invención en caso de haberse divulgado previamente. La falta de conocimiento en temas de redacción de patentes ha obligado a la institución a contratar servicios externos para tal fin.

La parcialidad del recurso humano dedicado al CATI. El bajo interés de las empresas en proteger su conocimiento.

Having few expertise on specialized field (e.g: tech transfer, IP Law) . Slightly difficult to meet the demand. Example: we have received many request to do novelty search but the officer only have limited time to do the search because of their core task. Librarian are appointed for doing the novelty search.

Falta de acceso a más bases de datos especializadas

Debido a que principalmente los profesionales con contratados a través orden de prestación de servicios, cuando ellos dejan de ser contratados o se van de cuenta propia se llevan el conocimiento desarrollado en el CATI

Falta de tiempo de los gestores, quienes están a cargo de otros procesos y actividades dentro de la Institución

La Asistencia a las jornadas de sensibilización en PI

Dificultades con el tiempo de respuesta de la página de la SIC

Aun no hay capacidad en redacción de patentes, ni en transferencia tecnológica

No contamos con el recurso humano especializado para atender las actividades del CATI, esperamos que este año sea contratado.

Existe un volumen alto de potenciales usuarios, sin embargo por la limitación de personal y horarios de tiempos parciales, no se ha llegado a prestar los servicios de manera constante a esta población, como son los estudiantes tanto de pregrado y posgrado, así que el enfoque ha sido principalmente en atender a los investigadores. También ha existido una demanda externa de pequeñas y medianas empresas, que solo se han atendido en un bajo número por convenios existentes y con un enfoque en registro marcario.

Ausencia de un modelo de gestión de p.i que se articule con los servicios cati y se debe fortalecer la investigación aplicada para generar mayores resultados que demanden los servicios del cati

Patentes, confidencialidad

Difusión de los servicios y desconocimiento del alcance de los derechos de PI en general.

Formación de capacidades para nuevos gestores

Los usuarios presentan un alto desconocimiento general de los conceptos en propiedad industrial, lo que les dificulta su proceso de aprendizaje.

El apoyo en el pago de tasas

Adecuación de una oficina específica para el CATI, ya que operamos desde la Vicerrectoría Asistente de Investigación y Extensión de la Universidad Francisco de Paula Santander.

Actualmente no se tiene ningún inconveniente con la prestación del servicio

Se necesita más apoyo o formación enfocados en asesoramiento jurídico para temas de PI

En general, el CATI desde la Universidad ha logrado brindar buen apoyo en tema referente a patentes y búsquedas. Sin embargo, recientemente, se ha generado un amplio interés por los temas de transferencia de tecnología y conocimiento y todo lo que ello incluye,

El principal problema es la ignorancia general de los usuarios en los temas de PI, el temor en los altos costos, y la valoración de las ventajas de la PI como una buena inversión a largo plazo para sus invenciones.

Falta información a los empresarios

La principal dificultad que se ha presentado en la institución es que las orientaciones se han centrado en una de las sedes y se cuenta con más de 10 en la ciudad, se está trabajando es establecer estrategias que permitan dar alcance a la comunidad que se encuentra en las demás sedes.

Asignación de los espacios de trabajo requeridos para atender externamente a la comunidad
IA CONECTIVIDAD DE INTERNET, salir a otras ciudades dentro del departamento

Baja visibilidad del programa en la institución

conocimiento en transferencia tecnológica, modelos de negocios a través de las patentes, oposiciones y vigilancia tecnológica de productos sustitutos

Lack of awareness among inventors, innovators and researchers because of which they do not fully utilize TISC services.

awareness of staff about IP

- Continuité des activités du réseau TISC à long terme- Diversification des besoins des membres du réseau TISC - Motivation des points focaux TISC-

Communication, formation, logistique, motivation

La décision en matière de nouveauté et surtout l'activité inventive s'avère des fois difficile à mener

1-Le nombre de personne qui sont en charge de la mission des services de de TISC2-Notre institution ne bénéficie pas de réduction financière sur les dépôts de demande brevet à l'âge des université et des PME malgré que nous sommes une institution de recherche
Personnel limité

No direct communication in terms of services to be offered for training. Communication in terms of researchers, inventors, community and government employees can be trained, online access mind do. or link.

There currently few researchers who uses our services. We do constant marketing of our services to improve numbers.

Aider les inventeurs à commercialiser et valoriser leurs inventions. Création d'un centre de valorisation et de transfert technologique, au sein de notre établissement.

Actuellement, Le secteur du cuir au Maroc passe par une période transitoire dont plusieurs écosystèmes sont entrain de se créer, les sociétés doivent se délocaliser pour répondre à la stratégie des écosystèmes, ainsi les sociétés nécessitent d'abord une phase de stabilité avant d'investir dans l'innovation

- accès limité aux services d'experts de l'OMPI de manière régulière (même à distance)- manque de formation sur l'utilisation des bases de données de l'OMPI (ex. ARDI)

- ressources humaines limitées- indemnisation des ressources humaine

création d'un service spécialisé dans la propriété intellectuelle et de le montage technique de brevets.

La commercialisation des brevets d'invention et le transfert de technologie.

Capacity constraints - The demand for these services is great and we do not have enough people to assist. Access to other tools such as IP databases with better search functionality Training in other useful tools such as data analysis tools, and others

Access to databases. The HSRC does not do the type of research that leads to inventions that need patenting. We are a social sciences institution and a lot of the research we do informs policy makers. Therefore access to patent databases hasn't been all that much useful to us (although I have had requests for novelty searches but they were far and few in between). Most of the researchers mainly wanted to find out which institutions were conducting research in certain areas so that they could approach them for collaboration purposes. I've also struggled with how to make out TISC more effective. Therefore access to the ARDI database would be very beneficial to us.

Turnaroundtime to respond to queries

Human capacity

Regular participation of all researchers in TISC workshops due to staff responsibilities.

Legislative/ regulatory and technological and financial barriers to entry for public and industry into nuclear industry.

Sensibiliser les chercheurs et personnels à augmenter le taux des dépôts brevet

Lack of expertise

Lack of sufficient resources, both human and financial.

Getting adequate facilities and resources

QUESTION 14: DO YOU HAVE ANY SUGGESTIONS OR COMMENTS TO SHARE WITH WIPO OR OTHER INFORMATION TO PROVIDE NOT COVERED ABOVE?

The State Service of IP and Innovation under the Government has started work on strengthening TISCs. With this work the comprehensive analysis supposed to be produced with recommendations. So once it ready we will adress to the WIPO for assistance. In addition, we are planning to host a workshop in cooperation of WIPO so by that time I suppose we will have clear picture, where we have to focus our efforts.

We must conduct awareness workshops at least within colleges and then extend to industries nearby. Otherwise, most are not aware of and or do not know how to use it. Would take times to reach the goals.

First the TISC officials have to be well trained and need to be certified as capable experts.

Need more training about 'Management of intellectual property rights', 'From Patent to Industry'
Training on site

Training is necessary for it to be appropriately operated and utilized. International training and motivation. we need more time to practice our learning, we need more capability enhancement on the area of tech transfer and commercialization.

- TISC should be a project and supported by WIPO not only by some facilities and training at national level but also with some Money. budget should be allocated for TISC by WIPO and Local Government. Focal Points should be allowed to participate in regional and sub regional expos.