

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Sudan University for science & Technology



A Proposal for Establishment of Technology and Innovation Support Center (SUST – TISC)

September 2019



Introduction

Sudan University of Science and Technology (SUST) is a public university, its roots go back to Khartoum Technical School and the Commercial School in 1902, through the Radiology School in 1932, the Arts School in 1946, the Technical Institute of Khartoum in 1950, the Shambat Agricultural Institute in 1954, the Institute of Music and Theatre, and the Higher Institute of Physical Education for Teachers. These institutions were assembled to become the Institute of Technological Colleges in 1975 as the largest institution of technical education in Sudan, which was upgraded to Sudan University of Science and Technology (SUST) in 1990. In 2018, SUST has 25 colleges, 11 centers and institutes, and 6 deanships with more than 70000 students in undergraduate.



The justifications for the establishment of this center:

1. The urgent need for a Centre that supports technology and innovation in Sudan.
2. The need for knowledge and technical support for universities to manage knowledge assets and transfer scientific research outputs to products, goods and services.
3. Facilitate the openness of universities and research Centre's to the local community and know their needs and help in finding innovative solutions.
4. The need of universities and research Centre's for a Centre that supports the implementation of the university's plan and strategy in the field of technology transfer and marketing of scientific research outputs.
5. Supporting universities and research Centre's for the Global Sustainable Development Goals (SDGs).
6. To benefit from the technical support provided by WIPO to LDCs in the field of technology and innovation.
7. Keeping pace with the global development in technology and innovation.



Vision & Mission of SUST – TISC:

- ❖ To become a national platform for technology and innovation support in Sudan.
- ❖ to help and encourage creators to contribute to the service of the community and build sustainable relationship through Technology Transfer
- ❖ Work to gain the Global Goals for sustainable development goals (SDGs 2015-2030) including quality education, industry, Innovation, and sustainability.



Objectives:

The general objective of SUST – TISC is:
Technology for Development including:

1. Promoting innovation and entrepreneurship for Sudanese community
2. Encouraging university staff and students to present their ideas and transform them into innovations for economic value.
3. Facilitate the application, transfer and utilization of innovative ideas
4. Marketing innovations and excellent research ideas
5. Working as an incubator for innovations in the University and Sudan and providing technical support to other incubators
6. Form a sustainable research and productive platform for the development of knowledge's economy in Sudan.



Values of the Centre:

- ❖ Transparency
- ❖ Free competition
- ❖ Honesty
- ❖ Quality and workmanship



SUST - TISC Services:

- ❖ Access to online patent database systems and science and technology resources.
- ❖ Access to industrial property-related publications.
- ❖ Assistance in searching and retrieving technology information.-
- ❖ Training in searching databases On-demand searches (novelty, state-of-the-art, and infringement).
- ❖ Technology and competitor monitoring.
- ❖ Basic information on industrial property laws
- ❖ Basic information on industrial property management and strategy
- ❖ Training on IP, technology commercialization and marketing
- ❖ Build specific activities technology related for women



Stakeholders and Responsibilities:

- ❖ The stakeholders of this project and their responsibilities were summarized as:

SUST

- ❖ Provides administrative and technical staff to deliver technology and
- ❖ Innovation support services
- ❖ Provides facilities and infrastructure-
- ❖ Signs off on project documentation-
- ❖ Sign Service Level Agreement (SLA) with WIPO



Sudan Ministry
of Higher
Education and
Scientific
Research.

- ❖ Work with SUST to Identifies national priorities
- ❖ Work with SUST to assess user needs
- ❖ Involve in the SLA between WIPO and SUST

IP Office in Sudan

- ❖ Support SUST in joining the WIPO TISC project
- ❖ Act as the main intermediary between WIPO and SUST
- ❖ Coordinates activities of the SUST-TISC
- ❖ Monitors and evaluates the progress of the TISC
- ❖ Involve in the SLA between WIPO and SUST.



WIPO:

- ❖ Access to patent and non-patent databases.
- ❖ Networking and exchange of experiences.
- ❖ Increase awareness on IP and contribute to economic growth in the country.
- ❖ Provide quality services on patent search and analysis
- ❖ Patent filing and drafting support
- ❖ Training on access to and use of patent information
- ❖ Commercialization and technology transfer support.



Unit of Innovation Promotion and Marketing

1. Marketing and introducing the center inside and outside the university¹
2. Encouraging the creation of a positive and open environment for new technology and presenting the expertise and specializations of the university and its facilities to the outside world
3. Promoting technological packages and patents and presenting the outputs of scientific research and technical innovations.
4. Preparing available information on technology and innovations of intellectual products at the university, which includes technology that can be applied and utilized.



Unit of Innovation Promotion and Marketing

5. Facilitating the transfer of technology from the university and scientific and research institutions to the industrial sector and the introduction of intellectual products and patents for smart strategic partnerships
6. Overseeing innovative technology projects.
7. Providing consultations to companies, institutions and beginners in technology and innovation.
8. Any other tasks entrusted to it by the Board of Directors or the Director of the Center.



Unit of Training and Innovative Capacity Building

- ❖ Increasing IP awareness in universities and research centers in Sudan.
- ❖ Training on how to access and use available patent information on the Internet.
- ❖ Training on how to access the patent database and other innovation information provided by the Intellectual Property Organization through the Center.
- ❖ Assistance and training on how to write patents and register of intellectual property rights.
- ❖ Exchange of experiences with relevant authorities and transfer of knowledge.
- ❖ Any other tasks entrusted to it by the Board of Directors or the Director of the center.

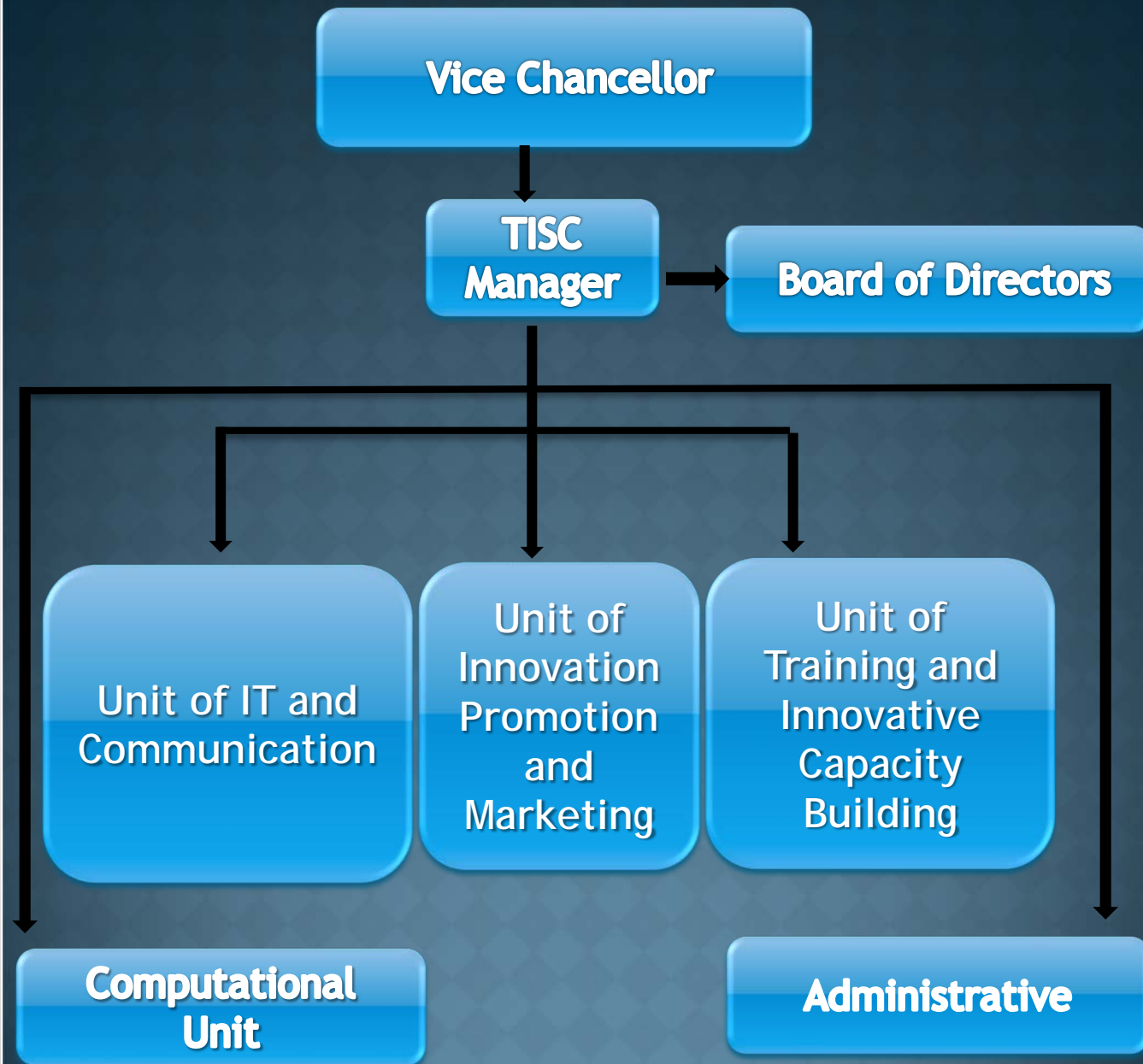


Unit of IT and Communication

- ❖ Provide technical support to the units and trainees.
- ❖ Follow-up electronic servers and overcome technical difficulties.
- ❖ Providing technical means for faculty members and researchers at the university to access intellectual property data and information from their sites.
- ❖ Supervise the Center's website
- ❖ Designing the center's evaluation forms and ensuring their quality.
- ❖ Any other tasks entrusted to it by the Board of Directors or the Director of the Center.



Organizational Chart



Thanks