



**Republic of Seychelles**

**National Institute of Science Technology and  
Innovation**

**Annual Report 2017**

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**SECTION 1**  
**STRUCTURE AND**  
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## Board of Directors

NISTI's board of directors is chaired by Dr Conrad Shamlaye. The President of the Republic appointed the board in December 2014 and they have served their mandated 3 years as governing board of NISTI. The composition of the board is as follows:

<b>Name</b>	<b>Board Position</b>	<b>Current Post Title</b>
Dr Conrad Shamlaye	Chairman	Consultant Ministry of Health
Mr. Jeffrey Dogley	Vice Chairman	
Mr. Barry Assary	Member	
Mr. Arnols Chang-Pen-Tive	Member	
Mrs. Nadia Lauricourt	Member	CEO (ANHRD)
Mr. Hardy Lucas	Member	Private Sector Representative
Mr. Dennis Hardy	Member	Vice-Chancellor UniSey
Dr. Jude Bijoux	Member	Consultant
Dr. Elvina Henriette	Member	
Mr. Xavier Estico	Member	CEO (NISTI)
Mrs. Jessica D'Unienville	Secretary (Non-voting member)	Principal Research Officer (NISTI)

# Mandate

The National Institute of Science Technology and Innovation (NISTI) was enacted in 2014 to harmonize the development of Science, Technology and Innovation (STI) across all and sectors and programmes NISTI is currently an autonomous body under the Vice-President’s Office. It aims to be an umbrella body for all academics, professional associations and individuals for the development, dissemination and promotion of science, technology and innovation.

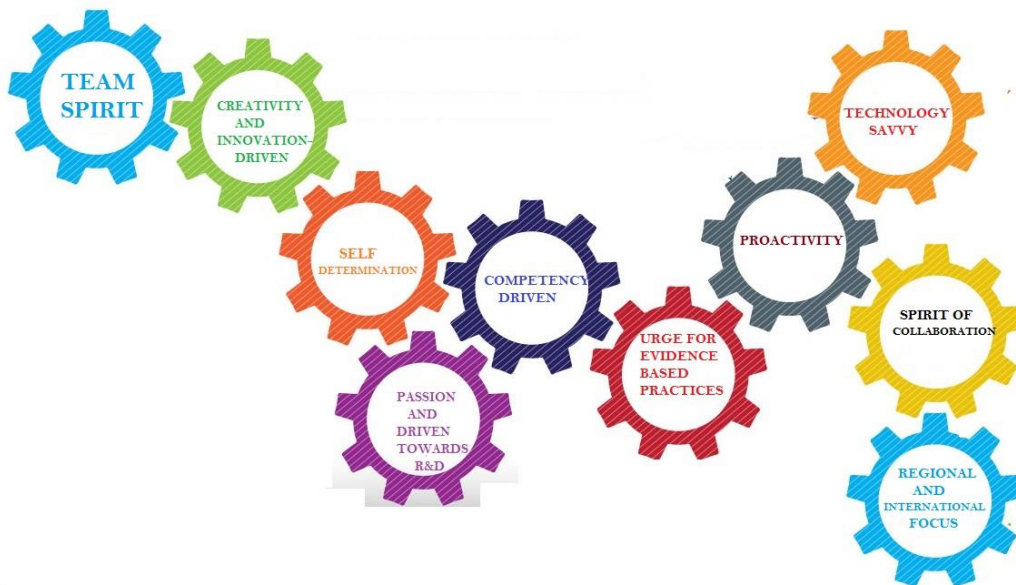
## Vision

To be the leading institution that harnesses the strength of Science Technology and Innovation to transform Seychelles into knowledge-driven, innovative and prosperous Small Island Developing State.

## Mission

Embed STI into the national socio-economic transformation to spur knowledge-driven and value-added sustainable growth and development for improving the quality of life.

## Core Values



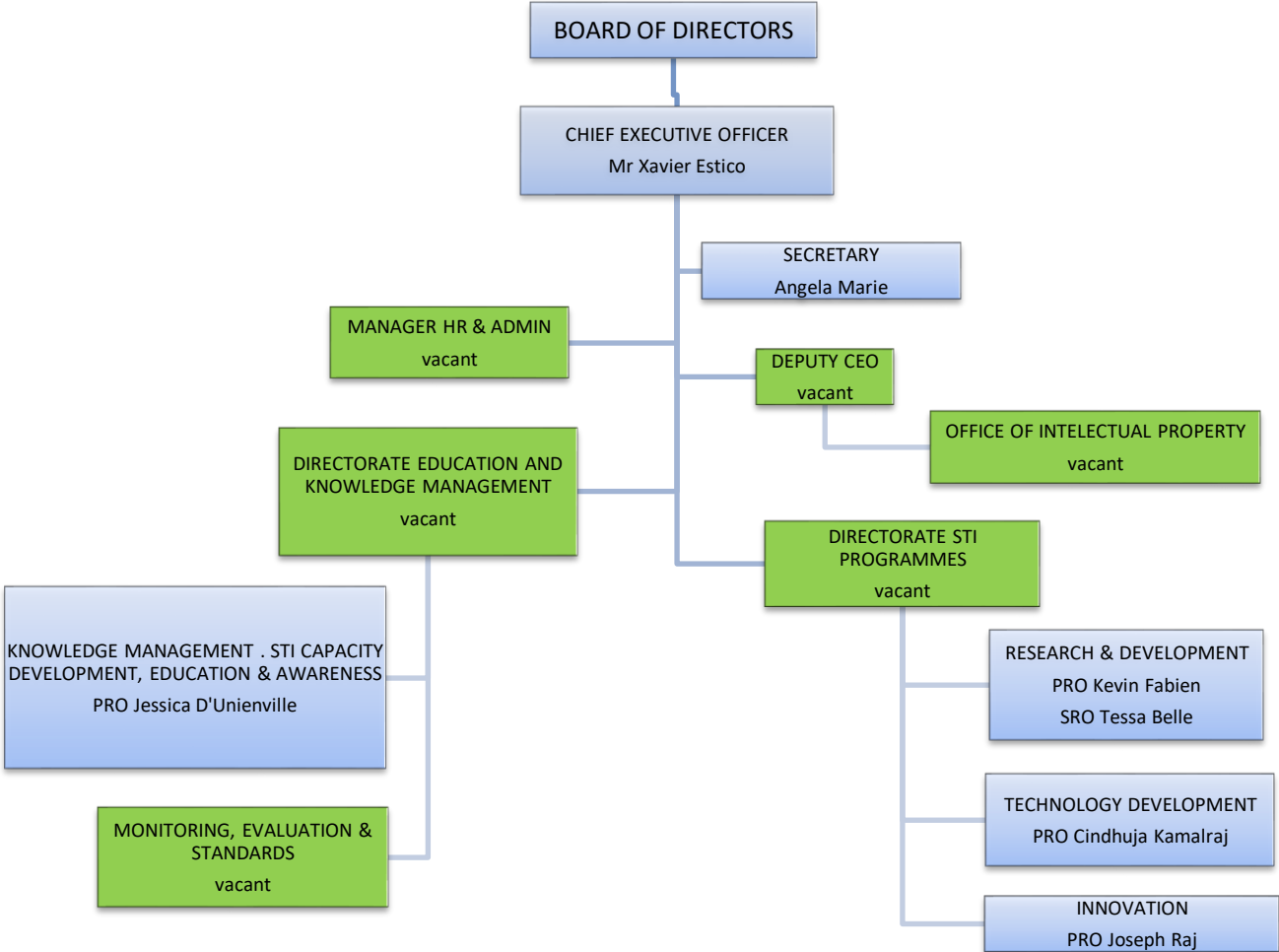
## Core Strategic Objectives

### Strategic Objectives

Transform Seychelles into a knowledge-based and innovation-driven economy that will attain its *national* as well as the *United Nations' Sustainable Development Goals* by 2030 and ensure the inclusion of STI across all sectors and programmes

- Ensure the inclusion and integration of STI across all sectors and programmes to foster socio-economic growth and development
- Establish a baseline for GERD to determine % of GDP
- Facilitate the development of a National Innovation System
- To set-up a national open-access data management system
- Develop strategic collaboration and linkages with national, regional and international organizations
- Facilitate the development a Business, Technology and Innovation Incubator (BTI) with stakeholder's collaboration
- Setting up of the National Research Foundation (NRF)
- Set up a STEM education system in collaboration with key stakeholders to provide the necessary knowledge and skills to drive innovation and entrepreneurship

# NISTI's Structure and Functions



## **Sections' Functions**

Under the CEO's office portfolio are the sections of Human Resources and Administration and the Office of Intellectual Property both positions remains vacant at the end of December 2017. NISTI's two directorates have three sections each, the Directorate of Education and Knowledge Management and the Directorate of STI Programmes.

The Directorate of Education and Knowledge Management is made up of the following sections: STI Capacity Development, Education and Awareness, Knowledge Management and Monitoring. Currently there is one Principal Research Officer manning this section, with the Evaluation and Standards section vacant.

### **1. Knowledge Management and STI Capacity Development, Education & Awareness**

This Section has the following responsibilities:

- Assessment of all NISTI's capacity needs in term of human resources in with the Department of Human Resources for the development of STI;
- Assist in the development of science education with liaison with the Ministry of Education and other partners;
- Raise awareness on science, technology and innovation activities
- Partner with the Ministry of Education to promote STEM Education
- Promote local, regional and international collaboration and partnerships
- Promote and encourage private sector involvement in scientific and technological research, innovation and development
- Create and administer a centralized national database system of all scientific research and activities
- Share and disseminate scientific knowledge at national level as well as regional and international level;
- Ensure that all sectors of the economy have access to scientific documentation
- Encourage and promote the sharing of scientific knowledge to support the development and growth of STI.
- Quarterly report to the Institute's Board on the progress of the NISTI's activities.



- Undertake, regular inspections, monitoring and evaluation, as appropriate, activities relating to scientific research and technology development and innovation, and of research institutions to ensure compliance with set standards and guidelines
- Develop and enforce codes, guidelines and regulations in accordance with government's STI policy for the governance, information management and maintenance of standards and quality when undertaking research.

The Directorate of STI Programs has the following sections: Research and Development, Technology Development and Innovation, which are currently being manned by their respective Principal Research officers with the exception to the R&D section that has a Senior Research Officer.

### **1. Research and Development**

- Coordinate, at national level, activities relating to scientific research and development
- Improve the spectrum for research by providing an enabling environment and resources for a Centre of Excellence in bio-technology to make the maximum use of the rich bio-diversity that the country possesses
- Regulate research activities and national level
- Evaluate and approve research proposals
- Develop understandings amongst national research bodies as well as regional and international organizations
- Ensure that all research carried out on the national soil benefits the national interests
- Collaborate with other research centers and facilities at regional and international level
- Ensure that applied research leads to commercialization of findings.

### **2. Technology Development**

- Coordinate, at national level activities relating to technological development
- Ensure that the right technologies are transferred, adapted and adopted to minimize socio-economic losses
- Partake in the development in homegrown technologies

- Ensure that research findings that need transferred technologies for commercialization purposes are made available
- Continually monitor the development in the field of technology that are relevant to the context the national context.

### **3. Innovation**

- Work in collaboration with and lead inter-governmental efforts to implement sound programs, projects and budgets that support innovation;
- Coordinate, at national level, activities relating to scientific research and innovation
- Improve the spectrum for research by providing for an enabling environment and resources for a Centre of Excellence for the youth to explore innovative ideas in science for promoting and rewarding excellence, and innovation
- Provide an environment where creative and innovative ideas can incubate and commercialized
- Create and administer of centres of STI and technology parks in strategic STI areas
- Promote adoption, dissemination and diffusion of technologies amongst enterprises

**SECTION 2**  
**SUB-PROGRAMMES**  
**ACTIVITIES**

## Governance

### *Completion and Launching of the Science Technology and Innovation (STI) Policy*

NISTI has been working with a consultant to draft the first Seychelles Science technology and Innovation Policy. After various validation workshop in 2016, the Policy was launch this year, during the month of September in a 2 day workshop under the theme “*Science, Technology and Innovation: Transition from an Efficiency-driven Economy to Innovation-driven Knowledge-based Economy by 2025*”. The aim of the workshop was to share close insights of the National STI Policy and Strategy 2016 – 2025. The workshop saw the participation of both national and International presenters, each presenting a topic related to the implementation of the STI Policy.

### *The Science, Technology and Innovation (STI) Clubs in Secondary School*

NISTI first launch the Science Technology and Innovation Clubs in Secondary School across Seychelles. The first one was Beau Vallon Secondary in 2016, and this year NISTI launched the STI club on Praslin.

- First Robotic Competition



Group Photo of “Team Seychelles” from Beau Vallon Secondary with their Robot after their visit with the President of the Republic

***SANBio workshop on SANBio Seychelles Science engagement and Business Canvas Model Training conducted by NISTI -NEPAD***

NISTI in collaboration with NEPAD/ASTII conducted a workshop for entrepreneurs. The aim of the workshop was to provide the participants with the tools to have a sound business plan through the business canvas model. This training will give entrepreneurs the ability to forecast the development of their business or projects

***Training of Trainers on R&D/Innovation Data Collection for the Production of related core indicators- NISTI/NEPAD five-day workshop***

NISTI in collaboration with NEPAD/ASTII conducted a workshop, during the first week of August with aim to up skill the trainers with skills to conduct of R&D and Innovation surveys. The aim of the training was to also give the trainers better understanding of the different concept so that they will be able to train other to carry out the survey as well. The 5-day training workshop saw the participation of trainees, from the National bureau of Statistics (NBS), Seychelles Bureau of Standards (SBS), UniSey, The Guy Morel Institute, The Seychelles Agricultural Agency (SAA), The National Biosecurity Agency (NBA) and NISTI staffs themselves.



Group photo of the local and International participants with the Vice President of the Republic

Following that another training was conducted by the Knowledge Management and Education section, was carried out with the trainers to consolidate the knowledge they have gathered during the training and situate this training in relation to the STI Survey which NISTI is the custodian.

# Knowledge Management & Education



The knowledge Management and Education Section, currently has one Principal Research Officer managing this section. This section manages all data and scientific information within NISTI and to make it accessible in the public domain. This section also works with the Ministry of Education and other department for the promotion of STEM Education and development of Science, Technology and Innovation in the community.

This section has concentrated on 2 main projects, which would be explained in details below

- STI Indicator Survey and capacity building of data collectors
- Setting up of the NISTI's knowledge Engagement Platform

During this past year the Principal Research Officer has been absent from office for a period of 4 months for Maternity Confinement



### ***The STI (Science, Technology and Innovation) Indicator Survey***

The STI Indicator survey is a tool that NISTI has adopted to collect STI data to create a baseline for Seychelles. The STI Indicator survey started in November 2016 and was completed in July this year. After the completion of the survey, a lot of work has been done to tidy up the data collected for publication. This is an ongoing work. Other trainers were trained to administer the questionnaires by the NEPAD/ASTII Trainers. The Knowledge Management Section is responsible carry out follow-up training for these trainers. A one-day workshop was organized during the month of September.



Participants in the one-day STI training workshop organized by NISTI

This section is also working closely with the consultant working on the results platform for the STI survey to be ready for public release. This is an ongoing activity. Work has begun to edit the STI survey questionnaires ready for the 2019 survey.

### ***The Knowledge Management Platform***

NISTI is working with a local consultant to develop a Knowledge Management Platform that will provide access to research data, reports and other relevant research activities to all members of the public in one central location. Towards the 3<sup>rd</sup> quarter of this year, the consultant demonstrated an early sample of this platform. As this needs information from various organizations letters were sent to the CEOs and Principal Secretaries of several organization to share information they have to be included in the database.

## International Engagements

The Principal Research Officer, attended a 5-day training course in Seoul, South Korea on STI Policy for Policy Makers.



Group Photo



Deep in conversation on policy similarities and differences across cultures



Presentation Country STI Policy Framework

# Innovation



The Innovation Section at NISTI has one Principal Research Officer managing the section. The main role of this section is to work in collaboration with, and lead inter-governmental efforts to implement sound programs, projects and budgets that support innovation in the country. It coordinates, at national level, activities relating to scientific research and innovation. The purpose of Innovation is to help local entrepreneurs and the public in general in their daily lives. During the year 2017 this section has been working on 4 projects that clearly demonstrate this role.

With more people using and relying on their smartphone nowadays, one of the aim of the innovation section is to develop smartphones application to facilitate the life of Seychellois people.

## ***Blood Bank App***

The population of the Seychelles was 93,186; however, there is only 400 voluntary blood donors. This left an enormous shortfall with the annual demand in Seychelles, which is around 1600 units. One of the main challenges faced in providing blood donation in Seychelles is the lack of awareness about blood donation amongst the population. In addition, it is difficult to find willing donors at the right time. In an attempt to resolve the situation a social media application was designed using Android platform.

Initial desktop research was carried out in the blood bank system in Seychelles. After the conception of the project it was presented at the blood bank unit Ministry of Health. All the coding work for this app was developed in-house. The Blood bank App was launched by Minister for health Mr. Jean Paul Adam on 14<sup>th</sup> June at ICCS Auditorium.

Android App designed for Seychelles Blood Bank was recognized by the “34<sup>th</sup> **South African National Blood Transfusion Congress 2017** and the Principal Research Officer for Innovation was given full grant to attend this “34<sup>th</sup> *South African National Blood Transfusion Congress 2017*” funded by “*International Society of Blood Transfusion (ISBT)*”.



Mr. Joseph Raj second from the right at the 34<sup>th</sup> South African National Blood Transfusion Congress 2017

### ***Seychelles Android Telephone App Directory***

After the blood bank App, another App being developed is the Seychelles Telephone Directory App. The Base coding and proposal is completed for Telephone Directory App project and currently the database is being developed. This project is ongoing.

Apart from facilitating general public in their daily lives, innovation is also for entrepreneurs to become more competitive in this growing economy. The Innovation section at NISTI is engaging to do this by designing simple tools and machineries to increase their yields and productivity.

### ***Solar Powered Sprayer***

This project was initiated in January. Initially field research was done to understand the existing system. This product is totally different from the existing product. In agriculture, the important component is, using pesticides to protect the crops from pest.

There is a significant energy input in the spraying of pesticide, by motorized backpack sprayer. As alternative to fuel powered sprayers, the design proposed will feature the following Low weight, user friendly to operate, high operating time. The solar powered sprayer maintenance is simple. There is less vibration in sprayer as compared to the petrol sprayer. Currently product-assembly work is going on.

### ***Banana Chips Making Machine***

Met with a local entrepreneur who wanted something faster to grate his banana for crisps making. The concept for the Banana Chips Making machine was developed and designed. The section is currently waiting for funding to develop this project further.

### ***STI Indicator Survey /UNESCP UIS Survey***

In the absence of the Officer coordinating the survey, the Innovation Section took the lead to complete this survey. The survey was carried out from April to July 2017, whereby Officers went on the field to complete the questionnaires. The Principal Research Officer collaborated with the consultant to for data entry and analysis. The survey is completed and the results will be published in the coming months. The data was also used to complete the UNESCO UIS Survey.

# Research and Development (R&D)



The R&D section was unmanned for about the 3 months from February 2017 to April 2017 due to the resignation of the Principal Research officer. The section currently has a Principal and a Senior Research Officer. Their core mandate role is to coordinate activities relating to scientific research and development at national level and to collaborate with other research centers and facilities at regional and international level. The R&D section has worked on two main projects this year.



### ***The Engineering Survey***

NISTI in collaboration with the Southern African Development Community (SADC) and SAICE Professional Development and Projects conducted a national survey on the Engineering Needs and Numbers study for Seychelles. The overall objective of the survey is to get a better understanding of the actual numbers of Engineers, Technologists and Technicians in the SADC countries and the needs of SADC Member States to allow for better planning for the attainment of sustainable development in the region.

The survey was conceptualized in May but implementation started in mid August and due to low number of responses the deadline has been extended to mid December 2017. The data collected will be stored in NISTI's national database. The R&D section is working closely with SAICE to complete this survey.

### ***Government Laboratory and Research Facilities***

Government laboratories and research facilities are dispersed across different ministries, agencies, departments and educational institutions.

An audit was carried out in August 2015 to have a snapshot of the status and usage of existing laboratory and research facilities to see how support can be given for the development and growth of STI across all sectors and programs. Also, a workshop was held in November 2016 with the overall goal of promoting the development of the laboratories and research facilities and enhancing collaboration and effectiveness. To this effect, a term of Reference for the formation of a steering committee has been developed and sent out to participants.

# Technology Development



The Technology development section is currently being managed by a Principal Research Officer. One of the main role of this section is to coordinate, at national level activities relating to technological development, to ensure that the right technologies are transferred, adapted and adopted to minimize socio-economic lose as well as to partake in the development in homegrown technologies.

### ***Recommendation report regarding the Kilns in Seychelles charcoal production***

Ministry of Environment has asked NISTI to do some research in charcoal production. Seychelles imports charcoal for about one million dollars. The Seychelles charcoal producers use ancient technology to produce charcoal. There is a new technology that can reduce the time and greenhouse gas in atmosphere if Seychelles adapt new technology in Charcoal production the country can quite an amount in foreign exchange.

Most modern industrial charcoal makers use retorts for their process. In a retort, the pyrolysis vapours are separated from the feed material, before being combusted. However, the development of retort technologies in the past may have had other reasons than yield optimization alone: separation enables the manufacturer to produce a variety of chemicals, such as acetic acid, wood vinegar, and methanol. Retort–kilns have a much higher efficiency rating of 35%–40% in comparison with earth-mound kilns; they also reduce air pollution by up to approximately 75%, as the smoke produced is partly burned off during the carbonization process.

The desktop research has initiated in the month of December 2016 and enquired quotations from various kiln companies in Europe. The compiled project report recommends three different retort Kiln to Ministry of Environment. The report has been submitted to the Minister of Environment in February 2017.

### ***Feasibility of harvesting biochar from invasive alien plant species of Seychelles***

This project will look at taking the invasive plants, which poses an increasing threat to natural ecosystems throughout Seychelles and converting them into value-added products, such as biochar. Biochar is a black carbon-rich product with a great potential for long-term carbon sequestration due to its high resistance to decomposition. The overarching objective of this project work was to develop an innovative strategy to produce value-added biochar.

The project was initiated in January with desktop research and the project report was finalized in April. The proposal has been submitted to the UNDP innovation facility in June for funding consideration. NISTI is still waiting for a respond.

### ***Coco-de-Mer Kernel Industry***

In his State of the nation's Address (SONA) the President of the republic, Mr. Danny Faure announced that there will be a ban on the exportation of the Coco-de-Mer Kernel as a raw material and gave NISTI the mandate to lead the promotion of the Industry that will developed the kernel of the Coco-de-Mer into value -added products. A situational analysis report on Coco-de-Mer value addition industry was prepared and submitted in April 1<sup>st</sup> 2017 to all stakeholders. A technical committee has been setup for monitoring the Coco-de-Mer kernel Industry. The Principal Research Officer for Technology Development sits on this committee.

Ministry of Environment has announced an Expression of interest for the Coco-de-mer kernel processing. A panel was convened to set criteria for choosing a candidate for processing the kernel for exportation. The panel has selected the suitable candidates for exportation. Ministry has worked in the contract document with the successful candidates.

Legal division from Ministry of Environment has revised the Draft of the Coco-de-mer regulation. The amendments made on the (EoI) Expression of Interest and Procurement Oversight Unit (POU).

### ***Development of homegrown technology***

#### ***Producing Charcoal, Biochar and other related products from biomass waste***

NISTI is collaborating with a local entrepreneur to develop a project that makes use of all green waste on Mahe to develop charcoal, biochar and other related products from biomass wastes. This innovation, will reduce green waste and lower the production of greenhouse gases in the production of charcoal and related-charcoal products. The kilns will also be used to carbonize the alien invasive plants and creepers. This project will provide employment for both skilled and unskilled workers. The community in general will greatly benefit from such an economic activity. The proposal has been sent to Minister of Environment and copied to Principal secretary of Ministry of Finance to fund this project. Still waiting for the reply.



**SECTION 3**  
**ADMINISTRATIONS**  
**&**  
**FINANCE**

## FINANCIAL REPORT

The approved budget for NISTI for the year 2017 is **SR4,852.13**. The budget was later revised and NISTI was allocated with the sum of **SR4,840.84**. The table below shows a breakdown of the budget.

<b>BY PROGRAMME</b>	<b>2017 Budget SR'000</b>	<b>2017 Revised Budget SR'000</b>
<b>P1: Governance, Management and Administration</b>	<b>2,667.77</b>	<b>2,741.91</b>
Wages and Salaries	679.60	746.81
Goods and Services	1,988.17	1,995.10
<b>P2: Science, Technology, Innovation Capacity Building and Knowledge Dissemination</b>	<b>2,184.36</b>	<b>2,098.93</b>
Wages and Salaries in Cash	1,181.04	1,102.54
Wages and Salaries in Kind	-	90.00
Goods and Services	1,003.32	496.39
<i>SP1: Education and Knowledge Management</i>	799.16	710.16
Wages and Salaries	347.34	347.34
Goods and Services	451.82	362.82
<i>SP2: Science, Technology &amp; Innovation Development</i>	1,385.20	1,388.77
Wages and Salaries	833.70	755.20
Goods and Services	551.50	633.57
<b>TOTAL</b>	<b>4,852.13</b>	<b>4,840.84</b>
<b>RECURRENT EXPENDITURE</b>		
<b>COMPENSATION FOR EMPLOYEES</b>	<b>1,860.64</b>	<b>1,849.35</b>
Wages and Salaries in Cash	1,860.64	1,849.35
Wages and Salaries in Kind	-	90.00
<b>GOOD AND SERVICES</b>	<b>2,991.49</b>	<b>2,991.49</b>
Office Expenses	467.17	467.17
Transportation and Travel Costs	341.50	411.62
Maintenance & Repairs	144.50	144.50
Materials and Supplies	3.00	3.00
Other Use of Goods and Services	1,379.32	1,219.21
Minor Capital Outlays	656.00	656.00
<b>TOTAL</b>	<b>4,852.13</b>	<b>4,840.84</b>



## STAFF MOVEMENT

NISTI has a total number of nine staff. For the year 2017, two posts were funded to recruit a Senior Research Officer-R&D and a Driver/Messenger in which both vacancies were filled by May. We had one resignation in the post of Principal Research Officer – (R&D) in February and we managed to have a replacement by mid June.

## OVERSEAS MISSION

NISTI's staff has been attending various trainings, workshops, meetings and seminars. Below is a detailed report of the above.

Date	Event	Country	Name of Officer
11 <sup>th</sup> – 16 <sup>th</sup> February	AU Specialised Technical Group on Science, Technology and Education	Pretoria, South Africa	Ms. Verna Leon Principal Research Officer (R&D)
21 <sup>st</sup> – 22 <sup>nd</sup> February	10 <sup>th</sup> SANBio Steering Committee Meeting and NEPAD SANBio/BioFISA II Annual Event	Johannesburg, South Africa	Mr. Xavier Estico Chief Executive Officer
23 <sup>rd</sup> – 24 <sup>th</sup> February	SADC Indigenous Knowledge Technical Experts Meeting	Johannesburg, South Africa	Mr. Xavier Estico Chief Executive Officer
20 <sup>th</sup> – 27 <sup>th</sup> May	SARIMA Conference and ASTII Initiative Continental Validation Workshop	Windhoek, Namibia	Mrs. Cindhuja Kamalraj Principal Research Officer (Technology)
22 <sup>nd</sup> – 26 <sup>th</sup> May	ASTII Initiative Continental Validation Workshop	Windhoek, Namibia	Mr. Josephraj Xavier Principal Research Officer (Innovation)
8 <sup>th</sup> – 10 <sup>th</sup> June	Youth in Science, Technology and Innovation Indaba	Pretoria, South Africa	Ms. Tessa Belle Senior Research Officer (R&D)
19 <sup>th</sup> – 23 <sup>rd</sup> June	Joint Meeting of SADC Ministers responsible for Education, Training, STI and the 11 <sup>th</sup> Session of SACMEQ Assembly of Ministers	Ezulwini, Kingdom of Swaziland	Mr. Xavier Estico Chief Executive Officer
27 <sup>th</sup> June	Eco Innovation Workshop	Johannesburg, South Africa	Mr. Xavier Estico Chief Executive Officer
28 <sup>th</sup> June	Signing of Bi-lateral collaboration of the PoA with the Department of Science and Technology of South Africa	Pretoria, South Africa	Mr. Xavier Estico Chief Executive Officer

<b>Date</b>	<b>Event</b>	<b>Country</b>	<b>Name of Officer</b>
30 <sup>th</sup> June	Meeting with Vegetech Companies to discuss NISTI's Concept for controlled environment for vegetable production	Pretoria, South Africa	Mr. Xavier Estico Chief Executive Officer
3 <sup>rd</sup> – 7 <sup>th</sup> July	Stakeholder Engagement Workshop and SGCI Annual Meeting	Pretoria, South Africa	Ms. Tessa Belle Senior Research Officer (R&D)
3 <sup>rd</sup> – 15 <sup>th</sup> July	KARI International Space Training (IST) 2017	Daejeon, South Korea	Mr. Kevin Fabien Principal Research Officer (R&D)
31 <sup>st</sup> July – 3 <sup>rd</sup> August	SANBio Winter School on IKS Commercialisation	Gaborone, Botswana	Ms. Tessa Belle Senior Research Officer (R&D)
7 <sup>th</sup> – 11 <sup>th</sup> August	The Barista Workshop	Mauritius	Mr. Josephraj Xavier Principal Research Officer (Innovation)
28 <sup>th</sup> – 31 <sup>st</sup> August	34 <sup>th</sup> South African Blood Transfusion Congress (SANBTC)	Sun City, South Africa	Mr. Josephraj Xavier Principal Research Officer (Innovation)
3 <sup>rd</sup> – 8 <sup>th</sup> September	Technical and Ministerial Meeting	Lusaka, Zambia	Mr. Kevin Fabien Principal Research Officer (R&D)
11 <sup>th</sup> – 14 <sup>th</sup> September	2017 UNESCO-WTA International Training Workshop on Science and Technology Park Development Strategy in the Era of 4 <sup>th</sup> Industrial Revolution	Daejeon, South Korea	Mr. Xavier Estico Chief Executive Officer
23 <sup>rd</sup> – 25 <sup>th</sup> October	Innovation Africa 2017 Summit	Maputo, Mozambique	Mr. Xavier Estico Chief Executive Officer
13 <sup>th</sup> – 17 <sup>th</sup> November	2017 KISTEP-ISTIC STI Policy Training programme	Seoul, South Korea	Mrs. Jessica D'Unienville Principal Research Officer (EKM)
20 <sup>th</sup> – 24 <sup>th</sup> November	QualiREG Agro-Food an Qualinnov Project 2017 Steering Committee Meeting	Mauritius	Mr. Xavier Estico Chief Executive Officer
4 <sup>th</sup> – 5 <sup>th</sup> December	7th SADC Cyber-Infrastructure Experts and Annual Conference	Pretoria, South Africa	Mr. Kevin Fabien Principal Research Officer (R&D)
12 <sup>th</sup> – 13 <sup>th</sup> December	Forum for Academic and Research Institutions (FARI) of the Western Indian Ocean (WIO) Region	Zanzibar, Tanzania	

## Local Workshop and Collaboration

Apart from their own project NISTI partakes in different local workshop/meetings and other activities where science, technology and Innovation plays a role.

Event	Name of officer
<b>January</b>	
Meeting at Ministry of Health regarding Seychelles Health targets from NEPAD & AU	Mrs. Cindhuja Kamalraj
<b>February</b>	
One-day workshop in UNISEY on Mobile App development.	Mrs. Cindhuja Kamalraj
Statistic workshop conducted by Ministry of Environment, Energy and Climate Change	Mrs. Cindhuja Kamalraj
Workshop on RE – SAT Renewable Energy Space Analytic tool hosted by Institute of Environment Analytics UK	Mrs. Cindhuja Kamalraj and Mr. Joseph Raj
First Meeting of the APEI National Working Group	Mrs. Jessica D’Unienville
<b>March</b>	
Productivity week workshop conducted by SENPA	Mrs. Cindhuja Kamalraj
<b>April</b>	
Meeting regarding NISTI’s UNESCO grant	Mrs. Cindhuja Kamalraj
<b>May</b>	
National IP committee meeting at Ministry of Finance	Mrs Cindhuja Kamalraj
First Fish and Health Related Socio-Economic Survey for Seychelles meeting	Ms. Tessa Belle
<b>June</b>	
COMESA seedling official opening meeting	Mrs. Cindhuja Kamalraj
Launching of the SDG’s Booklet in Creole	Ms. Tessa Belle
Validation Workshop of the National Water Policy	Ms. Tessa Belle
<b>July</b>	
Follow up meeting with National IP committee at Ministry of Finance	Mrs. Cindhuja Kamalraj
Meeting regarding Nagoya protocol and ABS policy conducted by UNDP and Ministry of Environment	Mrs. Cindhuja Kamalraj
<b>August</b>	
Validation workshop-National Human Resource Policy	Mrs. Jessica D’Unienville
<b>September</b>	
3-day Social Impact Assessment Training	Mrs. Jessica D’Unienville
<b>October</b>	
Meeting on UNESCO Youth Mobile Project	Mr. Kevin Fabien and Joseph Raj
<b>November</b>	
BIOFIN workshop hosted by UNDP	Mrs. Cindhuja Kamalraj
Opening ceremony training workshop regarding Fall army worm surveillance hosted by National biosecurity Agency	Mrs. Cindhuja Kamalraj
Second Meeting of the APEI National Working Group.	Ms. Tessa Belle
Conference on Sustainable Tourism in Small Island Development States (SIDS)	Ms. Tessa Belle

## Meet the Staff

<p>Mr. Xavier Estico Chief Executive Officer</p>		<p><a href="mailto:estico.xavier@gmail.com">estico.xavier@gmail.com</a> Tel: 2814090</p>
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