SATN

SOUTH AFRICAN TECHNOLOGY NETWORK

TECHNOLOGY FOCUSSED UNIVERSITIES

ANNUAL
REPORT

2019

www.satn.org.za

CONTENTS

ACRONYMS

CPUT	: Cape Peninsula University of Technology
CUT	: Central University of Technology
DEA	: Department of Environmental Affairs
DHET	: Department of Higher Education and Training
DPSA	: Department of Public Service and Administration
DUT	: Durban University of Technology
E-WASA	: E-Waste Association of South Africa
EWSETA	: Energy and Water Sector Education and Training Authority
HEQSF	: Higher Education Qualification Sub-Framework
MUT	: Mangosuthu University of Technology
NQF	: National Qualifications Framework
OQSF	: Occupational Qualification Sub-Framework
PI	: Performance Indicator
QCTO	: Quality Council for Trades and Occupations
RIEC	: Research, Innovation and Enterprise Committee
SASCE	: South African Society for Cooperative Education
SATN	: South African Technology Network
SAQA	: South African Qualifications Authority
SETA	: Sector Education and Training Authority
THEA	: Technological Higher Education Association
THENSA	: Technological Higher Education Network South Africa
TIA	: Technology Innovation Agency
TUT	: Tshwane University of Technology
UMP	: University of Mpumalanga
VUT	: Vaal University of Technology
WACE	: World Association for Cooperative Education
WIL	: Work Integrated Learning
WSU	: Walter Sisulu University

Central University of
Technology, Free State

Cape Peninsula
University of Technology
creating futures

DUT DURBAN
UNIVERSITY OF
TECHNOLOGY

Tshwane University
of Technology

We empower people

VUT
Vaal University of Technology
Your world to a better future

Mangosuthu
University of Technology

technology innovation
A G E N C Y
Innovating Tomorrow Together

UNIVERSITY OF
MPUMALANGA

Creating Opportunities

THE TECHNICAL UNIVERSITY OF KENYA

WSU
Walter Sisulu University

UNIVERSITY OF
ZULULAND

NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

CHAIRPERSON'S MESSAGE

It has been a privilege to serve as Chair of the SATN Board at this time of rapid changes and challenges which has brought forth all the finest qualities of a shared sense of purpose, determination, and practical engagement. This annual report records our strategic direction, activities, achievements, governance, and financial position from 1 January to 31 December 2019. In this regard, I wish to sincerely thank the members of the Board, the Secretariat, and the Task Teams for their hard work in ensuring that we made the necessary strategic decisions to achieve our goals. The SATN as a consortium, has benefitted from a wide conversation with our member institutions whereby we elicit the wisdom of our members and stakeholders.

Over the past three years, the SATN has grown to include other technology focussed universities, increased its national and international partnerships, developed a vast network of activities across disciplines, realigned its curriculum in terms of the new Higher Education Qualification Framework.

We acknowledge that the landscape of technology education is constantly shifting, and the member institutions have once again demonstrated that we can adapt to ensure we do much more than keep up. In this report, we highlight the many endeavours in which we have set the pace. In an

Prof LR van Staden
Chairperson

environment of ongoing disruption, we continue to balance the demands of the moment with a focus on the future. We are focussed on our goal of what it takes to prepare today's students for the world of work, and we are constantly responding to the challenges presented.

During 2019, the Board and its Secretariat spent a good deal of time on robust discussions about our new vision, mission, and objectives, given the fact that we have a growing membership and new strategic partners. This resulted in the decision to rebrand the organisation name to Technological Higher Education Network South Africa (THENSA).

As we look towards 2020 and beyond, we recommit to uphold the transformative power of education, to remain deeply relevant in changing times and to set the standard for technology focussed universities of today and tomorrow. I have great confidence and enormous pride in our ability to continue to evolve and to thrive in changing times and we are very proud of what we achieved in 2019. We look forward to making our ambitions a reality and I look forward to continuing the journey together.

Dr. Anshu Padayachee
CEO SATN

CEO MESSAGE

2019 was indeed an extraordinary year of challenges and purpose for all member institutions of the SATN. The sector was constantly challenged to adapt during the recent student protests, reduced financial support and policy demands. We are acutely aware that our society faces complex problems that requires universities to provide interdisciplinary and entrepreneurial solutions. We also agree that our universities must be accessible and affordable for all students, even as the demand for higher education grows and resources remain limited. In this regard, the SATN has been proactive in trying to meet some of these demands through its donor funded programmes, international partnerships, business and industry partnerships.

Traditionally, universities compete, for students, for research grants etc. all of which are necessary to drive quality. The SATN consortium emerged from a common commitment to transform the university of technology sector even though these **new generation** universities were not met with sufficient prioritization in respect of capacity, infrastructure, and funding. Five years into our second 5-year plan, we are keenly aware of the collective talent that we have and what can be achieved in the next five years. The combination of resources on special projects, expertise and commitment allowed this consortium to explore and lead initiatives at a speed and scale that no one institution could achieve on its own. We found ways to amplify our collective strengths by sharing in our task teams.

Working together we have:

- Increased performance gains in national and international research partnerships, capacity building, partnerships with business and industry and the media.
- Secured grant funding to support important research
- Developed diverse networks across disciplines nationally and internationally
- Shared innovative teaching and learning strategies

Despite the many challenges, the SATN is set on taking bold steps to meet the needs and aspirations of our people, extend our impact on the world and, ultimately, secure our future. The priorities that guide our essential work all centred on ensuring the lifelong success of our students and fulfilling our vital missions of teaching, research, innovation, community engagement and service. To realize this vision, we are accelerating the pace of our transformative impact and setting our sights on the next five years. This annual report highlights the interdisciplinary and interconnected SATN initiatives with national and global reach that has helped shape our shared future for the 4th Industrial Revolution. We closed 2019 with greater confidence, an increased membership and we are looking forward to transitioning to **Technological Higher Education Network South Africa (THENSA)** and the implementation of our strategic objectives for the period 2020-2024.

1. The SATN in 2019

After 10 years of delivering quality technology focussed higher education, teaching and learning programmes, work integrated learning, research and innovation, we reviewed our strategy and remain commited to rededicating ourselves to the Higher Education priorities of our country and globally for the new decade. We are excited to announce that the South African Technology Network (SATN) is in the process of rebranding. Our new name and revised strategy are part of our deliberate repositioning of the organization to emphasize the increased membership, strategic partners, commitment, strength and the technology focus of our Higher Education Network.

As we start this process, we would like to take this opportunity to thank all our member institutions, local and international partners, stakeholders, strategic partners and sponsors for their belief in us and support thus far. As we venture into this exciting phase of growth, new initiatives and partnerships, we are confident that our new brand better matches what we have become since 2008: a provider of thoughtful technology focussed education that prepares our students for the world of work, while connecting our researchers and students locally and internationally to each other and their institutions. In this way we aim to provide technological solutions to the challenges faced by our country, the continent and globally.

The SATN Board has been debating a name change over a period of time and in November 2019, the name Technological Higher Education Network South Africa (THENSA) was supported and approved by the Vice-Chancellors and the new name will be launched at a special ceremony of the SATN International Conference scheduled for October 2020.

SATN Vision:

The SATN is a consortium of technology focussed universities and organisations established to promote relevant, impactful and globally competitive qualifications, research and innovation towards a knowledge-based economy.

SATN Strategic Objectives:

- To act as an advocacy and lobbying agency for the consortium.
- To be a catalyst for socio-economic development.
- To promote and enable research and innovation.
- To support active participation of graduates in the economy.
- To mobilise mutually beneficial national and international education, business and industry networks and partnerships.
- To promote marketing and branding of the SATN as a technology focussed education, training and research institution.

2. GOVERNANCE

The Board of Directors of the SATN comprises of eleven Vice Chancellors of Technology Focussed Universities, the CEO of SATN and the CEO of the Technology Innovation Agency. As custodians of the consortium, the Board put in place mechanisms to ensure sufficient oversight of the organisation's controls and functioning. The Board held three meetings during the year to discuss, debate and evaluate its objectives and activities and its rebranding and held two consultative workshops to develop its strategic plan for the next five years.

Prof LR van Staden
Vice-Chancellor and Principal:
Tshwane University of Technology (TUT)
Chairperson: South African
Technology Network (SATN)

Prof HJ de Jager
Vice-Chancellor and Principal:
Central University of Technology,
Free State (CUT)

Prof TZ Mthembu
Vice-Chancellor and Principal:
Durban University of Technology (DUT)

Prof DE Malaza
Vice-Chancellor and Principal:
Mangosuthu University of
Technology (MUT)

Prof NS Nhlapo
Vice-Chancellor:
Cape Peninsula University of Technology
(CPUT)

Prof G Zide
Vice-Chancellor:
Vaal University of Technology (VUT)

Prof JR Midgley
Vice-Chancellor and Principal:
Walter Sisulu University (WSU)

Prof TV Mayekiso
Vice-Chancellor:
University of Mpumalanga (UMP)

Prof XA Mtose
Vice-Chancellor and Principal:
University of Zululand (UNIZUL)

Mr M du Toit
Acting Vice-Chancellor:
Namibia University of Science and
Technology (NUST)

Prof. Dr.-Ing. F. W. O. Aduol
Vice-Chancellor:
The Technical University of Kenya

Ms F Levy-Hassen
Interim CEO:
Technology Innovation Agency (TIA)

3. STRATEGIC TASK TEAMS

In 2019, Strategic Task Teams were identified to deal with specific activities required for the reporting period. The Strategic Task Teams of SATN offer its members a wide range of opportunities, through events and projects and engage in mutual learning and exchange of good practice in the field of higher education and research.

During 2019, the SATN increased its cross institutional collaboration with member institutions participating in several critical areas for the sector to ensure the sharing of best practice and expertise across all the institutions. A summary of the task team activities is presented below.

3.1 Performance Indicator Task Team (PI)

The PI Task Team produced its bi-annual performance indicator profile which provides data on critical areas for attention for the sector and individual member institutions. The PI document has been used as a guiding tool with indicators and markers as to where the SATN should be focusing its core activities. In 2019, the SATN identified the following priority areas for attention and intervention:

- Capacity Enhancement Programmes for staff to ensure targets set by the Department of Higher Education and Training and the National Research Foundation are met,

- Preparation by institutions to ensure that all its curricula are aligned to the HEQSF processes,

- Increased and improved national and international research partnerships,

- Circulation of a short course on entrepreneurship education and,

- Reviewing of curricula for the 4IR.

3.2 Higher Education Qualification Sub-Framework Task Team (HEQSF)

The revised HEQSF was published in the Government Gazette on 2 August 2013 which essentially promotes a single but diverse and differentiated higher education system. As a result, all public and private higher education institutions in the country, including SATN member universities, were required to revise and align existing qualifications or develop new qualifications that meet the requirements of the new sub-framework.

Given the scale of transformation required by SATN member universities in the implementation of the revised HEQSF, this SATN Task Team held several meetings and workshops to complete the daunting tasks towards implementing the aligned framework in January 2020. In addition, meetings were also held with USAf, CHE, SAQA and DHET to ensure that all programmes submitted will be processed timeously for implementation in 2020.

The SATN invested in extensive marketing campaigns in national newspapers and at institutional level on the revised framework to ensure that all students, parents, and the general community were well informed of the implications of the new dispensation as depicted in the diagram below:

How will I Progress from one qualification to another?

Students in the following qualification's streams (Vocational, Professional and General/Academic streams) will pursue these possible pathways (see examples in figure 1, 2 and 3 below).

Example of new Vocational progression pathway from a Diploma up to the Doctoral level

Diploma NQF Level 6 — Advanced Diploma NQF Level 7 — Post Graduate Diploma NQF Level 8 — Master's NQF Level 9 — Doctoral NQF Level 10

Figure 1: Progression pathway for Diploma students

Example of the General/Academic progression pathway from a bachelor's degree up to the Doctoral level

Bachelor Degree NQF Level 7 — Honours NQF Level 8 — Master's NQF Level 9 — Doctoral NQF Level 10

Figure 2: Progression pathway for bachelor's degree (NQF Level 7) students

Example of new Generic Professional pathway from a Professional bachelor's degree to the Doctoral level

Bachelor Degree NQF Level 8 — Master's NQF Level 9 — Doctoral NQF Level 10

Figure 3: Generic Professional pathway

3.3 WIL Task Team

Work Integrated Learning has been the flagship programme of the SATN member institutions with many years of experience in the world of work. In 2019, the Board agreed to join USAF's New Community of Practice on WIL. This new strategic group is chaired by Dr Henri Jacobs, of the Central University of Technology and its primary purpose is to focus on building capacity around engagement between universities and the world of work.

3.4 Research, Innovation and Enterprise Committee (RIEC)

The SATN Board agreed to partner with the USAf Research, Innovation and Enterprise Group to ensure a combined and collective higher education response to the research agenda and targets set for South Africa. Prof Mayekiso, Vice Chancellor of the University of Mpumalanga, and member of the SATN, is the Chairperson of this strategic group. The following priorities were identified for 2020:

- Funding for postgraduate studies and research.
- National collaboration in research including doctoral training centres.
- Cyberinfrastructure and national access to knowledge resources.
- Transformation and capacity development.
- Research ethics and integrity.
- Open access and open science.
- Building platforms for research collaboration in the higher education sector.

This strategic group has planned a Biennial Research and Innovation Dialogue for September 2020 and the focus will be on:

- Research Ethics and Integrity
- Building the policy and funding infrastructure for inter-institutional collaboration within SA.
- Building the next generation of researchers.

4. SATN PARTNERSHIPS AND SPECIAL PROJECTS

The SATN continues to play a central role in creating new opportunities for its member institutions through strategic partnerships and the identification of collaborative projects that are mutually rewarding. Partnerships continue to be of fundamental importance to SATN to develop and maintain strong multifaceted partnerships with universities worldwide.

The main objective of the SATN is to promote relevant, impactful, and globally competitive qualifications, skills, research and innovation in partnership with Universities locally and Internationally and Business and Industry locally and Internationally. In this regard, the following was implemented:

4.1 Partnership with DHET on Capacity Development Programmes for Staff

The SATN in response to the Ministers calls for the production of a critical mass of quality Masters, PhDs, Supervisors and Academic Publications from universities across South Africa, the Targets set in the National Development Plan (NDP) and its Performance Indicators in respect of PhD capacity amongst its staff, developed a unique and bespoke set of programmes to ensure that it responds to these targets. Based on its PI data, the SATN focused on the recruitment and support of particularly black female academic staff to address their under-representation at all levels in the sector.

The SATN received a grant from the DHET to support fifty PhD candidates (staff) from the SATN member institutions and previously disadvantaged universities in South Africa. 50 candidates were selected to participate in the bespoke, cohort model, PhD blended support programme. Four of the 5 modules were complete in 2019 and the candidates were ready to defend their proposals in January 2020. The facilitators for the programme were local and international experts in research and PhD training.
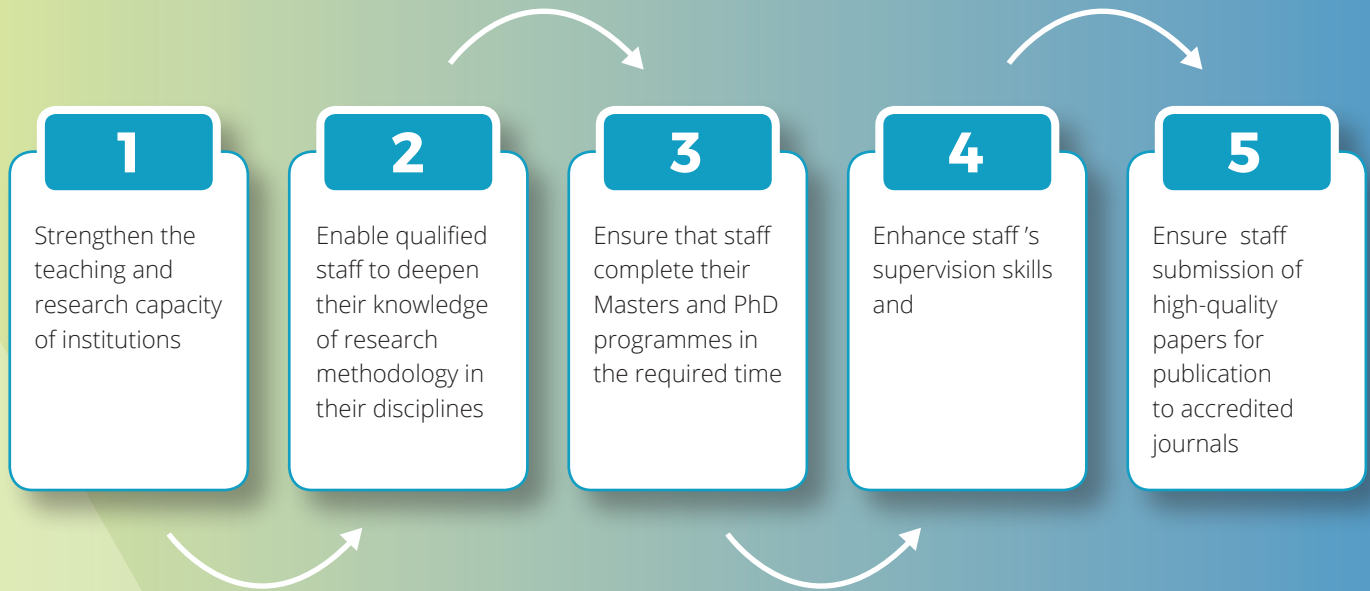
Two Supervisor Enhancement programmes were held concurrently. In addition, the SATN offered its Masters, Supervisor Enhancement Programme and its Writing for Publication Programme to its member institutions in 2019.

OBJECTIVES

These programmes aim to:

1	2	3	4	5
Strengthen the teaching and research capacity of institutions	Enable qualified staff to deepen their knowledge of research methodology in their disciplines	Ensure that staff complete their Masters and PhD programmes in the required time	Enhance staff 's supervision skills and	Ensure staff submission of high-quality papers for publication to accredited journals

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4.2 Partnership with the Irish Technological Higher Education Association (THEA)

In January 2019, the Vice Chancellors of the SATN member institutions conducted a study visit to Ireland. The selection of Ireland for the study visit was based on the fact that both countries have similar NQF levels (1-10), share similar experiences in respect of changing from Institutes of Technology to Universities of Technology, have strong partnerships with Industry, with strong emphasis on work Integrated learning in its curriculum. etc.

The outcome of the visit led to the signing of the MOU between the SATN and THEA with the primary aim to ensure the joint development of scientific clusters, promotion of staff and student exchanges, identification of programmes with mutual interest, inter alia, entrepreneurship education, space science, food security , water research and the application and submission of joint funding through this partnership.

Following on the signing of the MOU, the following joint activities were undertaken by SATN and THEA:

4.2.1 Skills Training for Emerging Entrepreneurs in Partnership with the Technology Innovation Agency, the Irish Embassy and the Irish Institutes of Technology

Following the SATN Vice-Chancellor's study visit to Institutes of Technology in Ireland in 2019, the delegation distilled four important needs for young undergraduates and graduates:

- The need for training in enterprise development for new entrepreneurs to succeed

- The need to link with business and investors to boost the capacity and sustainability of the new business

- The need for the development of a network of young entrepreneurs

- The need for the establishment of incubators and mentors at universities/institutes in partnership with business and industry to ensure viability of the start-ups.

4.2.2 South Africa-Ireland Entreprenurial Training and the Development of a SAQA Aligned Short Course on Entrepreneurship

The identification of the needs of our young students and graduates translated immediately into the SATN, Technology Innovation Agency (TIA) and the Irish Embassy supporting the curriculation of the SAQA aligned short course in Entrepreneurship and the implementation of two workshops. A programme was developed by the Galway Mayo Institute of Technology (GMIT), Cork Institute of Technology (CIT) and the SATN member institutions to act on the demand for more entrepreneurial-minded graduates.

The first cohort of training took place in Ireland, at the Galway-Mayo Institute of Technology (GMIT), Galway Campus on 13-17 May 2019 and was facilitated by representatives affiliated with GMIT and Cork Institute of Technology (CIT), culminating in students pitching their business ideas to a panel of judges at a Dragon's Den Event. Ten students and Ten staff members from the SATN member Institutions participated in the programme.

The programme was also replicated in KwaZulu Natal, South Africa on 7-11 October 2019 with approximately seventy students and staff attending from the SATN member institutions. Two important recommendations emanating from this workshop was that this programme be offered to first-year students to equip them with the necessary skills for their business ventures early in their careers and the establishment of iHUbs at the business units and TIA innovation platforms at member institutions to support the start-up businesses. The establishment of ihubs will be high up on the SATN list of priorities in 2020 onwards.

4.2.3 SATN Irish Colloquium

Another outcome of the MOU between SATN and THEA was the identification of six priority research cluster areas and the hosting of the first research cluster was held in Durban on 14-18 October 2019. The colloquium focused on six thematic areas:

- **A.** Engineering (bio-medical engineering, robotics and advanced manufacturing)
- **B.** Space Science, Innovation Hubs, and ICT.
- **C.** WIL, Industry partnerships, and Apprenticeships up to PhD.
- **D.** Curricula for the 4th Industrial Revolution.
- **E.** Waste Management and the Circular Economy.
- **F.** Agriculture and Food Security.

A total of nine SATN member institutions and five Irish institutions participated in the Colloquium, with approximately eighty participants in attendance. Executives from the National Research Foundation, The Council for Higher Education, The South African Qualifications Authority, and the Irish Ambassador to South Africa, addressed the cluster teams. The Colloquium led to:

- The development of joint research teams with co-leadership of the clusters.
- The preparation of joint research/innovation proposals for funding and implementation within the specific themes.
- The preparation of research papers for the SATN International Conference to be held in October2020 and for publication in academic journals.

Significant progress has been achieved towards meeting the objectives for phase two of the Colloquium which is scheduled to take place in Cork, Ireland in June 2020.

4.3 Partnership with the Department of Labour and the Unemployment Insurance Fund (UIF)

SATN, by invitation of MILZET Holdings, a private TVET training provider responded to the call for proposals by the UIF to train unemployed learners who were previously contributors to the Unemployment Insurance Fund (UIF). The proposal was approved, with its key objective to train 4 400 learners in the following learning fields:

Real Estate / Beauty & Nail Technology / Hairdressing / Environmental Practice

The training of the 4 400 learners were divided into two cohorts namely, the first cohort for 2 000 learners and the second cohort for 2 400 learners. The learning included the theoretical training which was facilitated by Milzet Holdings and the placement of learners with host employers was facilitated by SATN and MILZET holdings. The purpose of this collaborative project is to reskill and upskill unemployed persons in the respective fields as well as to train a cohort of emerging entrepreneurs to create new jobs and new SMMEs in response to the country's unemployment crisis. **This programme will continue through to 2020/21.**

4.4 Partnership with TVET Colleges and SETA'S

Efforts to establish stronger collaboration with the TVET sector continues. Current initiatives with the TVET sector include:

- A proposal to train TVET College Lecturers in Engineering and Related Sciences.
- A Study of success rates of TVET college graduates versus first-time entering students from general education and training at Universities of Technology.

The aim of this study is to better understand the challenges and strategies required to ensure seamless articulation between TVET colleges and higher education institutions.

4.5 SATN Graduate Employability APP

The objective of the SATN Employment Management System (App) or SEMS is to provide a platform for students and employers to engage in communication to help achieve employment and candidate hiring goals, respectively. As a consequence, the system will be able to generate and collect key data such as; provide insights into present and historic graduate employment rates, current required skill set for students needed in the workplace, employer's reputation metrics and alumni outcomes for different universities.

The following goals have been identified:

A. Be an employment platform for essential data storing which can later be used for data mining key insights.

B. Provide real data on metrics like Graduate Employment Ratio, University Reputation (as rated by Employers), Alumni Outcomes and insight into Employer Student Connections. .

C. Motivate students and employers to actively engage in the platform, hence creating an intense positive feedback cycle.

D. Inculcate real life skill sets and problem-solving abilities in students.

E. Be the best platform to help employers recruit students from best skill adequate universities in South Africa.

F. Create webinars to train graduates to draft their CVs and prepare them for interviews etc.

G. Offer an online Entrepreneurship programme for graduates.

It is envisaged that the App will be ready for testing middle 2020.

4.6 University Industry Partnership

The SATN continues to engage with business and industry role players to explore formal partnerships for the mutual benefit to business and member institutions. In this regard the SATN is planning three Business/Industry-University Roadshows to explore:

- Business/Industry interest in participating in University Adjunct academic programmes

- Industry participation in joint and sponsored research

- Industry participation in the SATN Work Integrated Learning programme

- Experiences, challenges and recommendations on curriculum and practical training of students.

4.7 Partnerships in Africa and Beyond

Having emerged from a highly successful conference on the role of Universities in the 4IR, held in September 2018 in Durban, South Africa, the common thread recommendation that emerged was the need for global partnerships/collaborations in science and technology to ensure that we build capacity to address the challenges presented by 4IR. Our international collaborations have resulted in strategic engagements with role players inter alia, on the African Continent, Europe and Australasia and the US.

SATN has engaged with several consortia and individual institutions of technology to create opportunities for joint research, teaching and learning and staff student exchanges. Some of the consortia and institutions that the SATN has visited and been in consultation with are: Technological Higher Education Association of Ireland (THEA), National University of Singapore, Rugters University US, University of Bangkok (Thailand), 4TU (Netherlands) ATN (Australia) NITTTR (India), DST (India), SET Squared (UK), Hypergrowth Buzz (UK) Western Digital (Thailand), KAIST (KOREA), Commonwealth Association of Polytechnics of Africa and South African Co-operative Education Association.(CAPA). **The rebranded SATN (THENSA) will include these partners in the new membership structure.**

4.8 Social Responsibility Programme

As part of its social responsibility programme the SATN in partnership with Durban University of Technology established the Moving from Disability to Possibility project. The DUT- SATN Team after discussions with the school, educators, management and the learners, identified the specific urgent needs of the school and learners to ensure that they are not further challenged by a lack of facilities, information and opportunities for study at Universities. The SATN-DUT Team therefore set the following objectives for this specific project:

- To provide career guidance and vocational training for learners so that they make achievable career choices and select Higher Education Institutions that will provide access and support for the respective learners.

- To acquire from sponsors the necessary assistive devices for learners to succeed in their studies and future career paths through partnerships with Business and Industry and Universities of Technology who are designing and developing such devices.

- To provide courses in entrepreneurship for the learners in partnership with Durban Institute of Technology (DUT) tailored for learners with disabilities.

This project will focus on learners with visual impairment at universities. The Durban Institute of Technology and the Disability Unit at University of KwaZulu-Natal have agreed to provide training on the technologies that students with visual impairment will require to be successful at Universities.

5. BRANDING AND MARKETING THE SECTOR

The SATN has played a key role in marketing and advocating on behalf of its member institutions, through collaborative initiatives, training workshops, funding opportunities, coordinating data collection and information dissemination thereby adding value for the sector in higher education.

The SATN's Website and Social Media is continuously updated on all activities. The SATN has produced a marketing video showcasing the member institutions highlights which is available on our website. The planning for the SATN International Conference in October 2020 has commenced with Co-hosts Tshwane University of Technology and Walter Sisulu University as well as its strategic partners and funders.

6. CONCLUSION

As we close the year 2019 and journey onto the next phase as THENSA, we remain steadfast in our commitment to realise our vision, mission, and objectives.
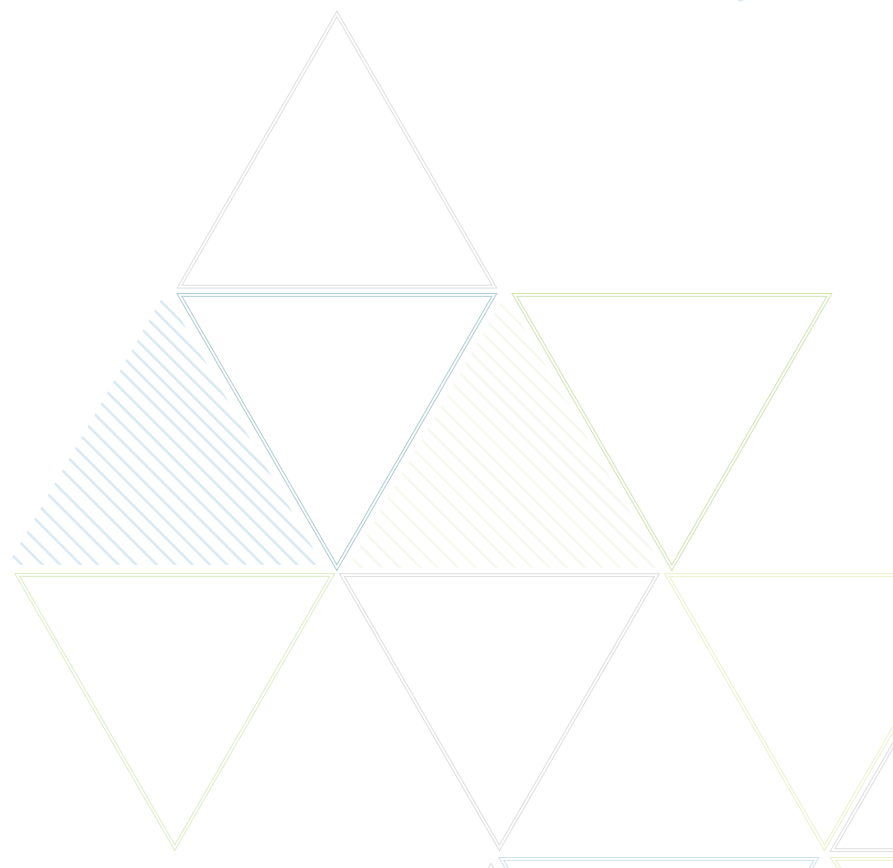
7. SATN SECRETARIAT

▶ **DR ANSHU PADAYACHEE**
Chief Executive Officer

▶ **MRS CHRISTELLE VENTER**
Officer Manager

Project Staff

Kogie Pretorius
Project Coordinator

Colleen Titus
PA to CEO

Buntu Nondumo
Media Liaison officer

Dr. Ahmed Wadee
Project Coordinator

Dr. Suren Govender
Project Coordinator

Nadira Kercival
Project Assistant

Ntombi Nopukuze
Receptionist

Dr. Sershen Naidoo
Project Coordinator

Khanya Mtshali
Press and Media Relations

Moti H. Motshwane
Project Coordinator

8. SATN FINANCIAL STATEMENTS

South African Technology Network Trust

(Registration number: IT913/08)
Annual Financial Statements for the year ended 31 December 2019

Detailed Income Statement

Figures in Rand	Note(s)	2019	2018
Revenue			
Income Received		9,237,220	17,209,561
Grants Received		1,396,376	-
	8	**10,633,596**	**17,209,561**
Other income			
Administration and management fees received		436,522	-
Interest received	10	539,221	452,807
Other income		13,999	4,000
Profit and loss on exchange differences		102,776	-
		1,092,518	**456,807**
Operating expenses			
Administrative expenses		(1,021,025)	(1,832,967)
Bad debts		(111,539)	(13,937)
Bank charges		(22,192)	(19,180)
Conference expenses		-	(2,414,436)
Depreciation, amortisation and impairments		(113,368)	(108,312)
Employee costs		(2,091,998)	(2,472,191)
Impairment of debtor - movement in provision		(230,000)	-
ITEC expenses		(45,473)	(32,113)
Legal expenses		(23,400)	-
Penalties and interest		2,712	(39,758)
Profit and loss on exchange differences		-	(701,127)
Project expenses		(6,183,503)	(7,840,925)
Project - UIF expenses		(57,660)	-
Subsistence and travelling expenses		(553,400)	(374,519)
		(10,450,846)	**(15,849,465)**
Operating surplus	9	**1,275,268**	**1,816,903**
Finance costs	11	(50,330)	(60,521)
Surplus for the year		**1,224,938**	**1,756,382**

8. SATN FINANCIAL STATEMENTS

South African Technology Network Trust
(Registration number: IT913/08)
Annual Financial Statements for the year ended 31 December 2019

Statement of Cash Flows

Figures in Rand	Note(s)	2019	2018
Cash flows from operating activities			
Cash generated from (used in) operations	13	9,854,196	(1,873,298)
Interest income		539,221	452,807
Finance costs		50,319	59,947
Net cash from operating activities		**10,443,736**	**(1,360,544)**
Cash flows from investing activities			
Purchase of property, plant and equipment	2	(119,208)	(66,063)
Purchase of other intangible assets	3	(15,565)	-
Net cash from investing activities		**(134,773)**	**(66,063)**
Cash flows from financing activities			
Finance lease payments		(137,614)	(147,426)
Total cash movement for the year		**10,171,349**	**(1,574,033)**
Cash at the beginning of the year		3,234,009	4,808,042
Total cash at end of the year	5	**13,405,358**	**3,234,009**

8. SATN FINANCIAL STATEMENTS

South African Technology Network Trust
(Registration number: IT913/08)
Annual Financial Statements for the year ended 31 December 2019

Statement of Changes in Equity

Figures in Rand	Accumulated surplus	Total equity
Balance at 01 January 2018	**3,735,233**	**3,735,233**
Surplus for the year	1,756,382	1,756,382
Other comprehensive income	-	-
Total comprehensive income for the year	**1,756,382**	**1,756,382**
Balance at 01 January 2019	**5,491,615**	**5,491,615**
Surplus for the year	1,224,938	1,224,938
Other comprehensive income	-	-
Total comprehensive income for the year	**1,224,938**	**1,224,938**
Balance at 31 December 2019	**6,716,553**	**6,716,553**

Note(s)

8. SATN FINANCIAL STATEMENTS

South African Technology Network Trust
(Registration number: IT913/08)
Annual Financial Statements for the year ended 31 December 2019

Statement of Comprehensive Income

Figures in Rand	Note(s)	2019	2018
Revenue	8	10,633,596	17,209,561
Other income		553,297	4,000
Operating expenses		(10,450,846)	(15,849,465)
Operating surplus	9	**736,047**	**1,364,096**
Investment revenue	10	539,221	452,807
Finance costs	11	(50,330)	(60,521)
Surplus for the year		**1,224,938**	**1,756,382**
Other comprehensive income		-	-
Total comprehensive income for the year		**1,224,938**	**1,756,382**

8. SATN FINANCIAL STATEMENTS

South African Technology Network Trust
(Registration number: IT913/08)
Annual Financial Statements for the year ended 31 December 2019

Statement of Financial Position as at 31 December 2019

Figures in Rand	Note(s)	2019	2018
Assets			
Non-Current Assets			
Property, plant and equipment	2	200,794	193,981
Intangible assets	3	14,592	-
		215,386	**193,981**
Current Assets			
Trade and other receivables	4	29,928,520	2,672,437
Cash and cash equivalents	5	13,405,358	3,234,009
		43,333,878	**5,906,446**
Total Assets		**43,549,264**	**6,100,427**
Equity and Liabilities			
Equity			
Accumulated surplus		6,716,553	5,491,615
Liabilities			
Non-Current Liabilities			
Finance lease liabilities	6	84,401	135,716
Current Liabilities			
Trade and other payables	7	36,697,029	436,165
Finance lease liabilities	6	51,281	36,931
		36,748,310	**473,096**
Total Liabilities		**36,832,711**	**608,812**
Total Equity and Liabilities		**43,549,264**	**6,100,427**

SATN

SOUTH AFRICAN TECHNOLOGY NETWORK

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