



# Council

8 September 2022

#DiscoverNWU



**Goal 1** Promote excellent learning and teaching and reposition the NWU to attain the size and shape required by the market direction decisions



# NWU School of Accounting Sciences 2022 results in SAICA's Initial Test of Competence (first board exam)

- ▶ NWU achieved a **100% pass rate** in the 2022 ITC (January and June sittings combined)
- ▶ This is the **1<sup>st</sup> position in the country**, out of 18 accredited institutions
- ▶ The country average pass rate was 72.8% out of 2 590 candidates that wrote
- ▶ **Three (3)** of NWU's candidates passed with distinction (out of only 29 in the entire country)

# First time pass rate after January and June 2022 ITC

PGDA UNIVERSITY NAME	Passed PGDA 2021	ITC January 2022 passes (who did PGDA in 2021)	ITC June 2022 passes (who did PGDA in 2021)	Total 2021 cohort ITC passes in 2022	ITC passes first time (June 2022) / PGDA 2021 passes	ITC Passes 2022 / PGDA 2021 passes
	A	B	C	D	B/A	D/A
North-West University	78	76	2	78	97.4%	100.0%
University of Pretoria	175	170	3	173	97.1%	98.9%
University of Stellenbosch	278	257	11	268	92.4%	96.4%
University of the Witwatersrand	185	164	11	175	88.6%	94.6%
Nelson Mandela University	48	42	2	44	87.5%	91.7%
University of Limpopo	30	23	4	27	76.7%	90.0%
University of Johannesburg	229	172	29	201	75.1%	87.8%
University of Cape Town	252	169	52	221	67.1%	87.7%
IIE (VC and MSA)	29	18	7	25	62.1%	86.2%
University of Free State	72	54	6	60	75.0%	83.3%
University of the Western Cape	42	29	2	31	69.0%	73.8%
Rhodes University	17	10	2	12	58.8%	70.6%
University of Kwazulu-Natal	119	71	9	80	59.7%	67.2%
Institute of Accounting Science	128	67	18	85	52.3%	66.4%
Milpark Education	268	144	24	168	53.7%	62.7%
University of Fort Hare	49	22	7	29	44.9%	59.2%
University of South Africa (UNISA)	580	101	105	206	17.4%	35.5%
Regent Business School	11	2	1	3	18.2%	27.3%
<b>Grand Total</b>	<b>2590</b>	<b>1591</b>	<b>295</b>	<b>1886</b>	<b>61.4%</b>	<b>72.8%</b>

# Successful completion of the CHE audit



## Goal 2 Strengthen Research and Innovation with a strategic focus on internationalisation



We lead in research

At the NWU research not only informs our daily functioning, but it is also what drives us to change the world.

Beyond the NWU's multitude of research centres of excellence, chairs, units, focus areas and niche hosted research entities and commercial research entities, the university also delivered 727 master's-degree students and 261 doctoral students in 2021.

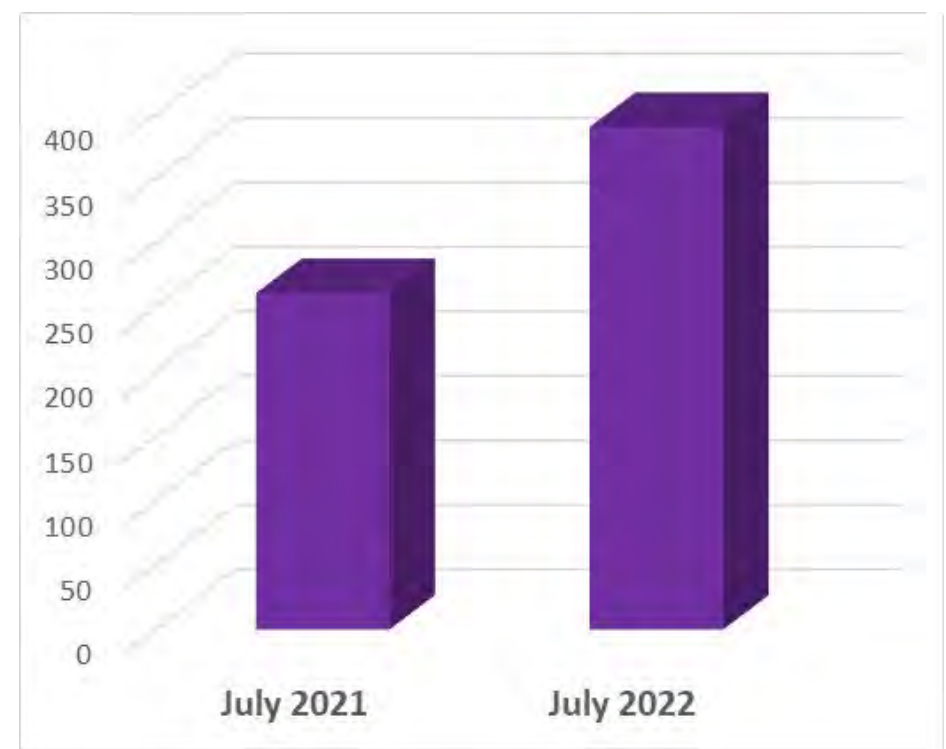
▶ READ MORE



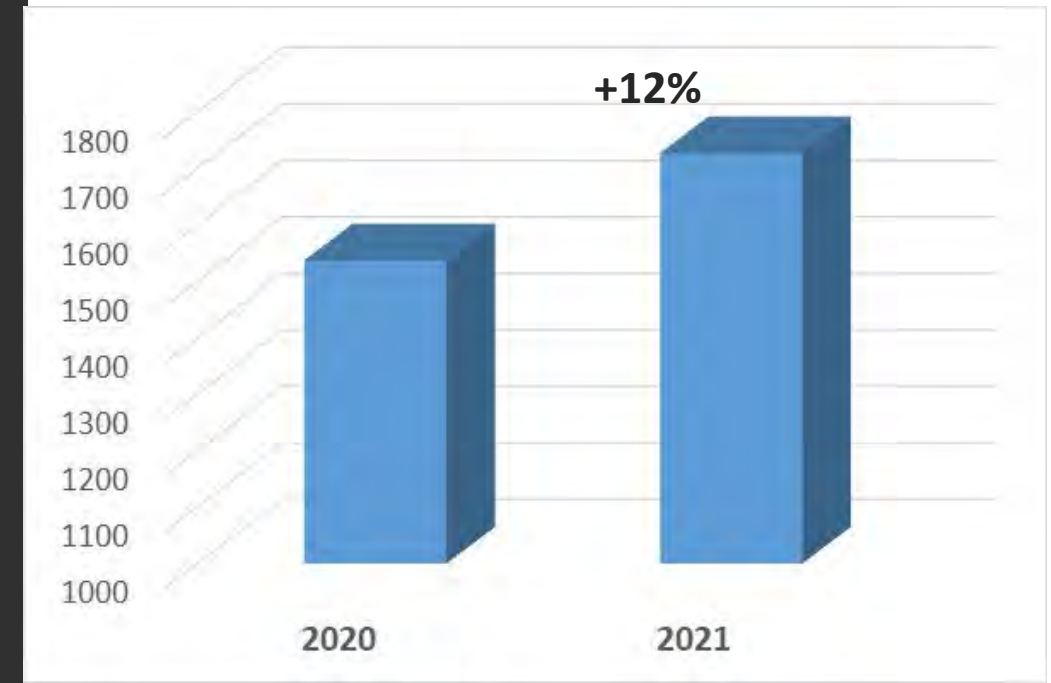
Study finds freshwater species at risk from activities

Local energy needed to

Total combined subsidy units (emanating from journal articles, conference proceedings and books/book chapters) accrued up to end of July 2022 = 390 (against 261 in July 2021).



The unaudited combined subsidy units for Jan-Dec 2021 submitted to DHET is 1727 (against 1537 for same period in 2020).



Citation index for 2021: 69% are in Scopus journals to enhance NWU global visibility.



## Launch of NWU Internationalisation Africa outreach programme

On 11 Aug 2022, the NWU Business School launched its Internationalisation Africa Outreach programme in Botswana with the theme “Water is life: sustainable water management in Southern Africa”



# Centre for World University Rankings (CWUR)

The CWUR grades universities on four factors without relying on surveys and university data submissions: quality of education (25%), alumni employment (25%), quality of faculty (10%), and research performance (40%).

2022 Rank	2021 Rank	University	2022 Score (2021)
270	269	University of Cape Town	77.2 (77.3)
292	292	University of Witwatersrand	76.9 (76.9)
441	435	Stellenbosch University	74.8 (74.9)
484	483	University of KwaZulu-Natal	74.3 (74.3)
555	580	University of Pretoria	73.6 (73.3)
629	674	University of Johannesburg	72.9 (72.5)
880	924	North-West University	71.0 (70.7)
1126	1163	University of the Free State	69.5 (69.3)
1186	1239	University of the Western Cape	69.2 (68.9)
1302	1416	Unisa	68.6 (68.1)
1304	1313	Rhodes University	68.6 (68.5)
1636	1631	Nelson Mandela University	67.1 (67.1)

# The best subjects to study at South Africa's top 13 universities

The University Ranking by Academic Performance (URAP) field rankings for 2022 from 79 fields of study  
NWU leading in 22 disciplines

Subject	Rank
Zoology	210
Education	266
Public, Environmental and Occupational Health	271
Psychology	335
Veterinary Sciences	342
Environmental Sciences	376
Studies in Human Society	402
Language, Communication and Culture	412
Environmental Engineering	420
Psychology and Cognitive Sciences	451
Agriculture	452
Food Engineering	471
Pharmacology	474

The URAP ranking system focuses on academic quality, with scores based on a university's performance over several indicators:

- current scientific productivity,
- research impact,
- research quality, and
- international acceptance

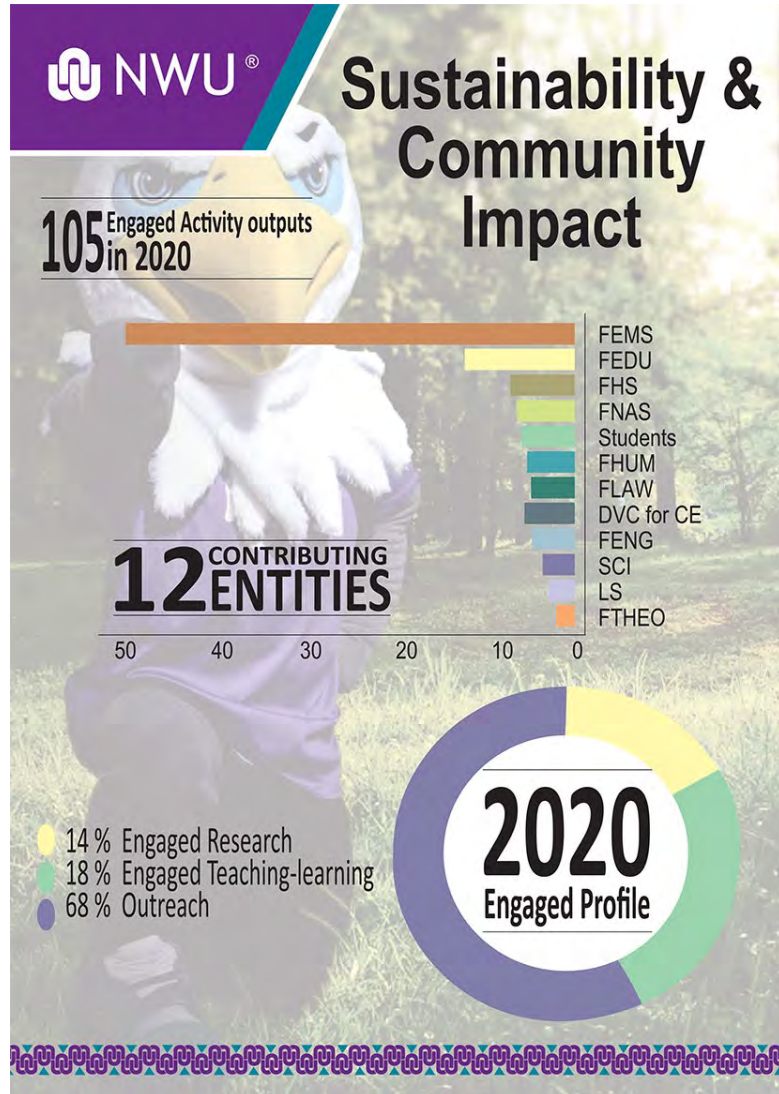
Medical and Health Sciences	507
Mathematical Sciences	544
Physical Sciences	622
Biological Sciences	666
Earth Sciences	676
Chemical Engineering	857
Chemical Sciences	859
Technology	1038
Engineering	1227

## The best subjects to study at South Africa's top 13 universities

Staff Writer 7 September 2022



# Goal 3 Integrate and align community engagement with teaching-learning and research to develop a culture of active citizenship



## Critical note:

- Outreach is the 1<sup>st</sup> level of CE, not reciprocal, not sustainable and deficit-focused.
- A shift is required from outreach to a balanced engaged scholarship.

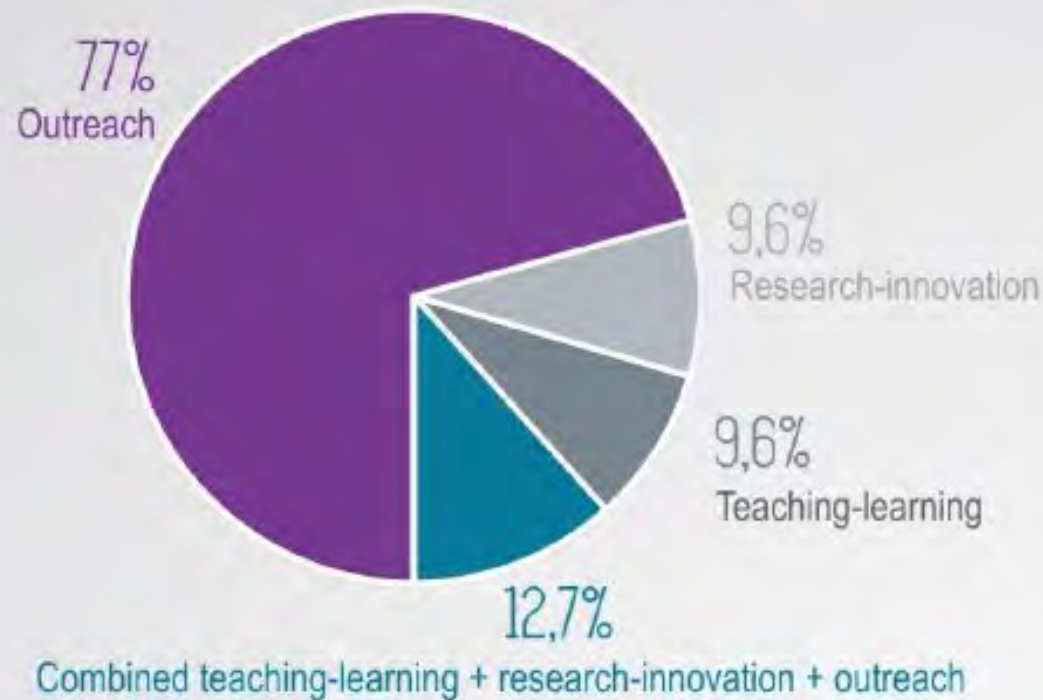
## Recommend:

- Engaged scholarship requires an asset-based approach, reciprocal relationships and impact measurement.
- Must be integrated into T-L, R-I and volunteerism.

# Overview of CE activities from CE database for 2022

Community engagement data received from 12 units

CE projects registered: 754



Reported resources:

NWU materials used in 150 projects



227

NWU staff members worked on CE



107

NWU students participated in



126

projects reported on funding

Ratio project focus -  
teaching-learning : research-innovation: outreach:  
119:140:495

# Goal 4 Develop a clearly differentiated student value proposition

4.1 Digitalization of student life programmes, offerings and decision

4.2 Creation and sustainment of a culture which celebrates diversity and enhances social cohesion

4.3 Enhancement of student leaders' critical skills and competencies

4.4 Improved provision of Student Life services and offerings which remain relevant, valuable and desirable

4.5 Nurture and develop students through and towards an ethic of care to enhance social citizenship

4.6 Enhance student work-readiness and employability support (Career Centre)

4.7 Provide access to cutting edge and relevant resources and services to fulfil academic expectations

4.8 Capitalise on functional multilingualism as market differentiator for the NWU

4.9 Implement effective and efficient recruitment strategies

4.10 Facilitation of stakeholder engagement initiatives targeting stakeholders

# Cross-campus participation - NWU Juta Mock Trials



The second-year team from the Vanderbijlpark Campus were victorious



The third-year team from the Potchefstroom Campus were this year's runners-up

# NWU to launch a GBV awareness campaign

The campaign is a collaborative effort between the NWU's Student Judicial Services, Employee Wellness and Alumni Relations, and will run until 11 October

**Gender Awareness Week : 8 – 12 Aug 2022**

## **Health Sciences: Inter-campus Sports Day**

**Theme:** *We walk the rainbow talk*

**Time:** 10:00-13:00

- Painting of zebra crossings in front of G16 (Potchefstroom Campus).
- Great Hall Library (Mahikeng Campus)
- Library (Vanderbijlpark Campus)

## **Health Sciences: Comic Art Exhibition**

**Time:** 09:00-15:00

**Theme:** We all stand together

### **Exhibition of photo comic pics in print:**

- Foyer area G20 (Potchefstroom Campus)
- Great Hall Library (Mahikeng Campus)
- Vanderbilpark venue to be announced

### **Closing of exhibition: Releasing balloons with messages**

**Time:** 13:00-14:00

- Outside buildings G16 and G20 (Potchefstroom)
- Great Hall Library (Mahikeng Campus)
- Library (Vaal Campus)

# NWU's Vanderbijlpark Campus Enactus team president to compete for international honours

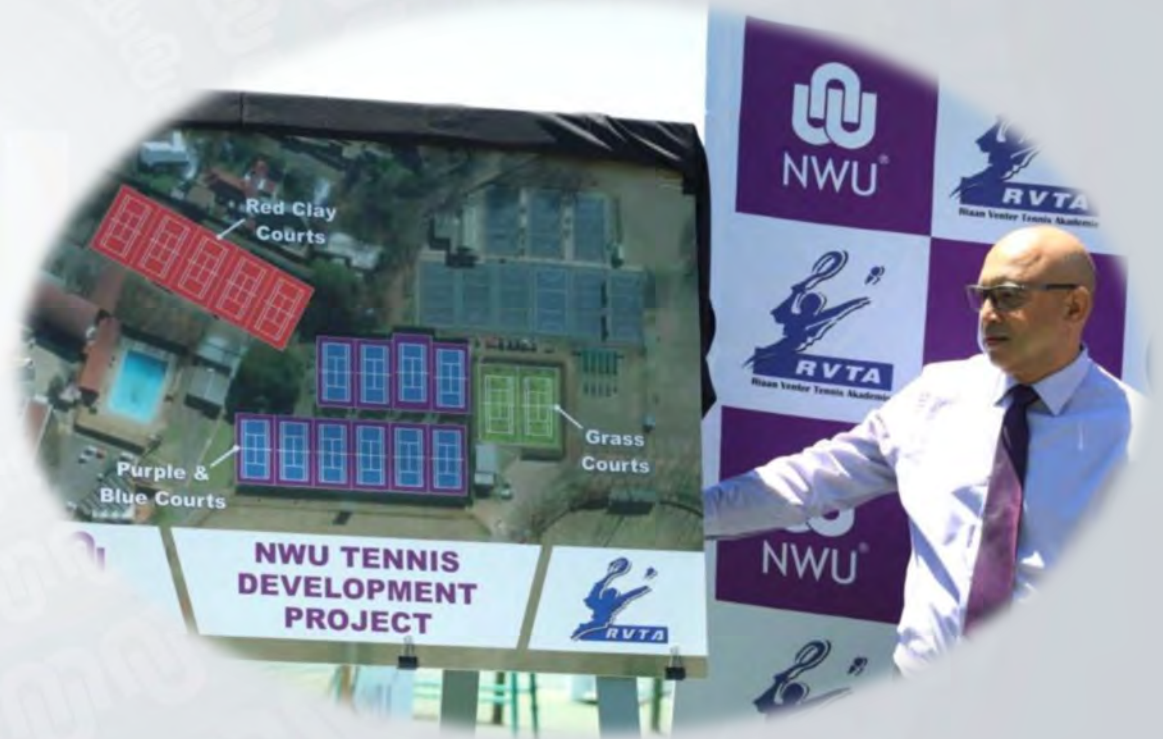
Jodey Adrian Foster, president of the Enactus team on the North-West University's (NWU's) Vanderbijlpark Campus, is over the moon. This is after Ford selected his team to attend the Enactus international competition in Puerto Rico.





# NWU becomes tennis paradise

The Potchefstroom Campus of the NWU is set to become the country's premier tennis destination with the completion of five new clay courts. These courts, together with ten hard courts and two grass courts, make the NWU unrivalled when compared to the court and facility offerings of other institutions.



# New student accommodation on Mahikeng campus

The 1 738 multi-funded student housing complex project commenced on 30 June 2020

635 beds are already occupied by students

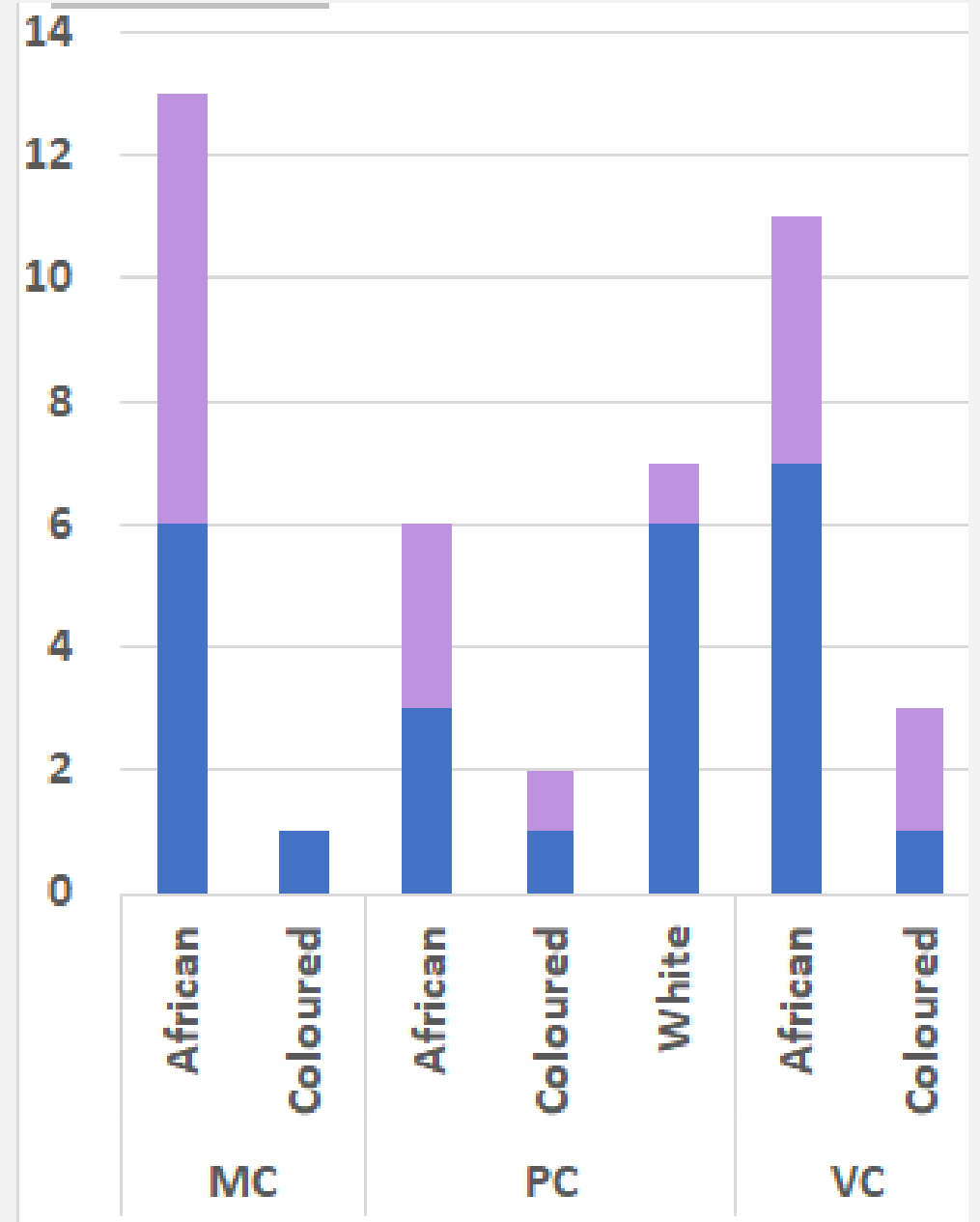
The due date for completion is Dec 2022/Jan 2023



# New Student Leadership

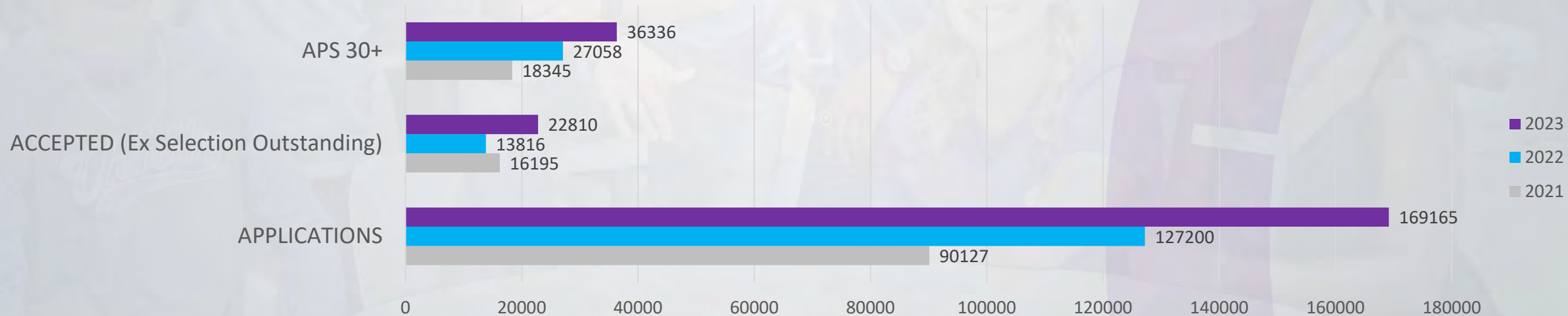
Campus	Female	Male	Total
<b>MC</b>	<b>7</b>	<b>7</b>	<b>14</b>
African	6	7	13
Coloured	1		1
<b>PC</b>	<b>10</b>	<b>5</b>	<b>15</b>
African	3	3	6
Coloured	1	1	2
White	6	1	7
<b>VC</b>	<b>8</b>	<b>6</b>	<b>14</b>
African	7	4	11
Coloured	1	2	3
<b>Total</b>	<b>25</b>	<b>18</b>	<b>43</b>

	Year	Total students	Voters	% Voted
<b>Mahikeng</b>	2022	14312	5825	40,7%
	2021	13398	4480	33,4%
<b>Potchefstroom</b>	2022	20539	6554	31,9%
	2021	20557	5796	28,2%
<b>Vanderbijlpark</b>	2022	7242	2949	40,7%
	2021	6938	2862	41,3%
<b>UDL</b>	2022	8924	133	1,5%
	2021	10640	182	1,7%



# APPLICATIONS – 26 AUGUST 2022

Faculty	Target	Applications	Accepted (Ex Selection Outstanding)	Selection Outstanding
Economic and Management Sciences	2906	29784	4911	
Education	2220	37036	3339	
Engineering	321	2764	1284	10
Health Sciences	1595	35950	1950	11110
Humanities	2045	33733	6432	1911
Law	630	8505	912	518
Natural and Agricultural Sciences	1707	20798	3661	10
Theology	127	595	321	
<b>NWU Total</b>	<b>11551</b>	<b>169165</b>	<b>22810</b>	<b>13589</b>



COMPARISON 2021 - 2023

## Goal 5 Attract, develop, and retain excellent staff by creating an environment that is diverse, equitable and inclusive

The vacancy rate is currently at 9.6%.

Race	Female	Male	Aug-21	Jun-22	Target 2022
African	761	777	38,1%	39,1%	41,0%
Coloured	156	122	6,7%	7,1%	7,2%
Indian	34	30	1,5%	1,6%	2,0%
White	1227	746	51,9%	50,2%	49,0%
Foreign N	18	63	1,7%	2,1%	0,9%

# NWU celebrates Africa Day/ Women's month

NWU celebrated Africa Day across all three its campuses on 26 & 27 May 2022. This year the Africa Day theme was “The Year of Nutrition - Strengthening resilience in nutrition and food security on the African continent”



# DISCOVER

## WOMEN WHO INSPIRE YOU

Research by remarkable women with real-world impact

WOMEN'S  
MONTH  
2022

#DiscoverNWU

# NWU's shines @ Comrades

Tete Dijana won the Comrades Marathon.

He is a member of the MI 7 security group at the Mahikeng campus and an ambassador for the NWU.



# NWU's shines @ Comrades

Dr Adele Broodryk, a senior lecturer at the School of Human Movement Sciences at the Faculty of Health Sciences, as being the first South African woman to complete the 2022 Comrades Marathon.

She also claimed the overall third position in the women's division with a time of 06:26:35.





**Goal 6** The development and implementation of a digital business strategy to create a competitive advantage for the university and ultimately unlock alternative revenue streams

- Emphasize and support alignment between the DBS goals and the strategic goals of various environments within the university
- Bootstrap enablers of the Digital Business Strategy within the NWU environment

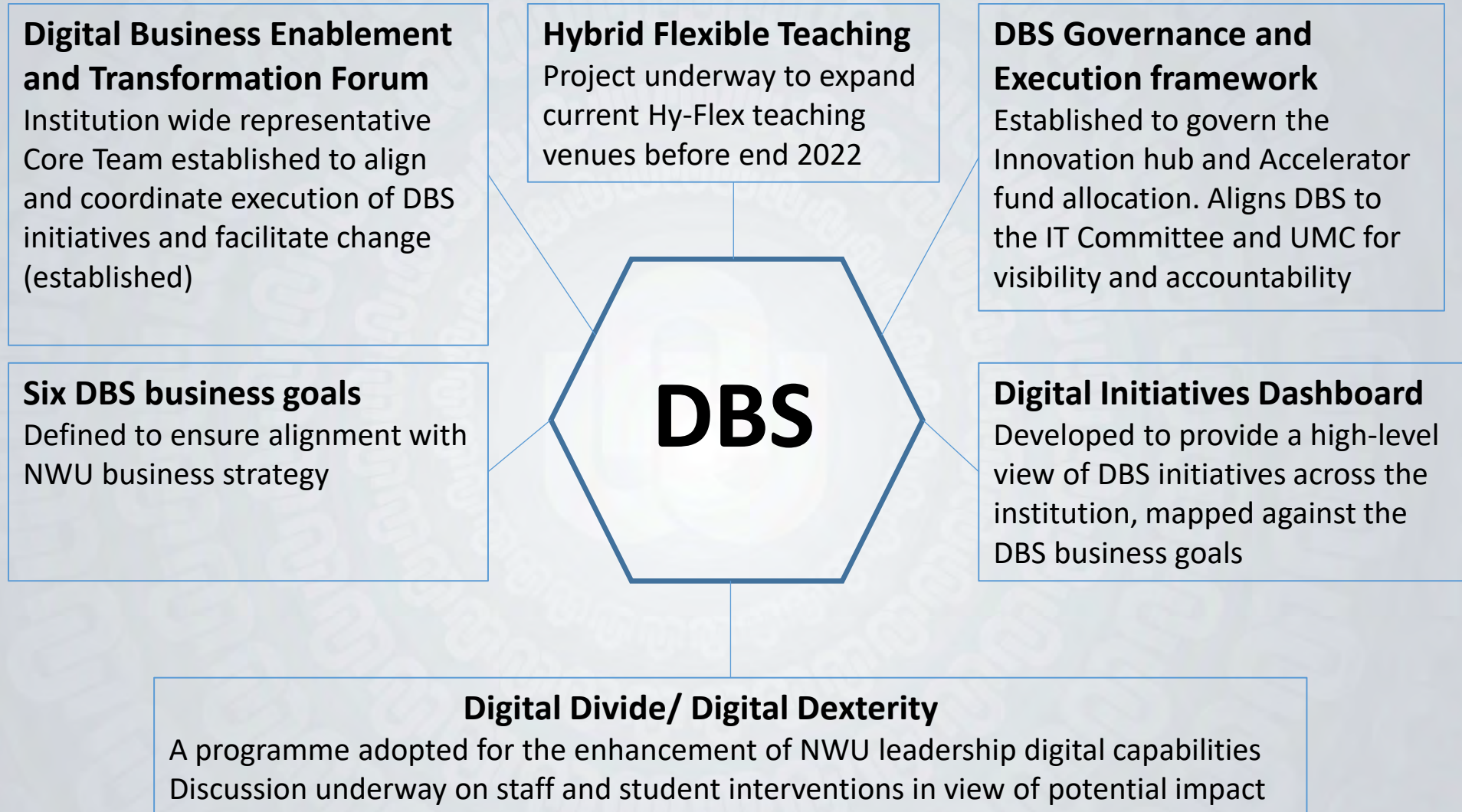


# Digital Business Strategy Update

## Key observations:

- Greater senior leadership articulation of the DBS
- Better coordination by executing teams (SIS, HR, IT)
- Wider participation, improved understanding of the DBS
- Growing realization of transformation impact and challenges that lie ahead
- Need for closer management of the change window

# Digital Business Strategy Update



# DBS Initiatives Dashboard

Initiatives	DBS Business Goals							
	Category	Operational Efficiency	Intentional Experience	Business Model Transformation	Alternative Revenues	Agility & Innovation	Digital Divide & Digital Dexterity	IT Enabler
Hy-Flex Venue Infrastructure expansion	T&L	[Progress Bar]						
LMS Replacement	T&L	[Progress Bar]						
Faculty Digital skills enhancement	T&L	[Progress Bar]				[Progress Bar]		
Student Information System Replacement	T&L	[Progress Bar] R12m						
Time Table System Replacement	T&L	[Progress Bar] R1m						
(Investigation) Automate up-stream Fin processes using RPA tech	Enterprise-Fin	[Progress Bar] R1m						
Optimise Procurement environment (People Process, Technology, Data)	Enterprise-Fin	[Progress Bar] R4m						
Financial Reports Optimisation	Enterprise-Fin	[Progress Bar] R175K						
Enhance IWMS add CPM module and add reports	Enterprise-Fin	[Progress Bar] R100K						
Smart Safety and Security operating model project	Enterprise-Fin	[Progress Bar] R227K						
Safety, Health, Environmental (SHE) project	Enterprise-Fin	[Progress Bar]						
Procurement and Tender Optimisation	Enterprise-Fin	[Progress Bar] R4m						
NSFAS Optimisation Project	Enterprise-Fin	[Progress Bar] R3.3m						

# DBS Initiatives Dashboard

Initiatives	Category	DBS Business Goals						
		Operational Efficiency	Intentional Experience	Business Model Transformation	Alternative Revenues	Agility & Innovation	Digital Divide & Digital Dexterity	IT Enabler
Investigate HC Enterprise System Replacement	Enterprise-HC	R500k						
Using Low-code IT tools to enhance HC processes	Enterprise-HC							
Automate Dashboard for strategic partnerships	Enterprise-VC							
Low code/No code Platform implementation	Platform-IT							
Hyper Automation Platform implementation	Platform-IT							
Stabilize WiFi (DBS Backbone)	Platform-IT							
Implement Kafka (Integration and Data/Insights)	Platform-IT							
Adopt CI/CD and DevOps (Agility)	Platform-IT							
Upgrade PaloAlto Firewalls (Cyber security)	Platform-IT							
Expand SIEM (Cyber security)	Platform-IT							

# SIS Eagle Project - Renewal of the student information system

The main goal of the project is to implement a **modern, fit-for-purpose** student information system (SIS) and service that supports and aligns with the NWU **digital strategic intent**. It has to be **flexible** enough to accommodate the changing **unitary business model** and business process needs, **support changes** in statutory and sector demands, support **all modes** of delivery to **serve students, academics and administrators** in a cost-effective way.

# Project principles

Buy (vs. build)

Focus resources on “Systems that acts as differentiators” and not on provisioning “Systems of Record”

Adopt (vs. adapt)

Avoid costly (provisioning and maintenance) customisations and follow best-practice.

Renew (vs. maintain)

Re-evaluate, rethink and re-engineering implies changing what we do

Service (vs. product)

Buy service not product makes it possible to re-assign resources to high impact activities

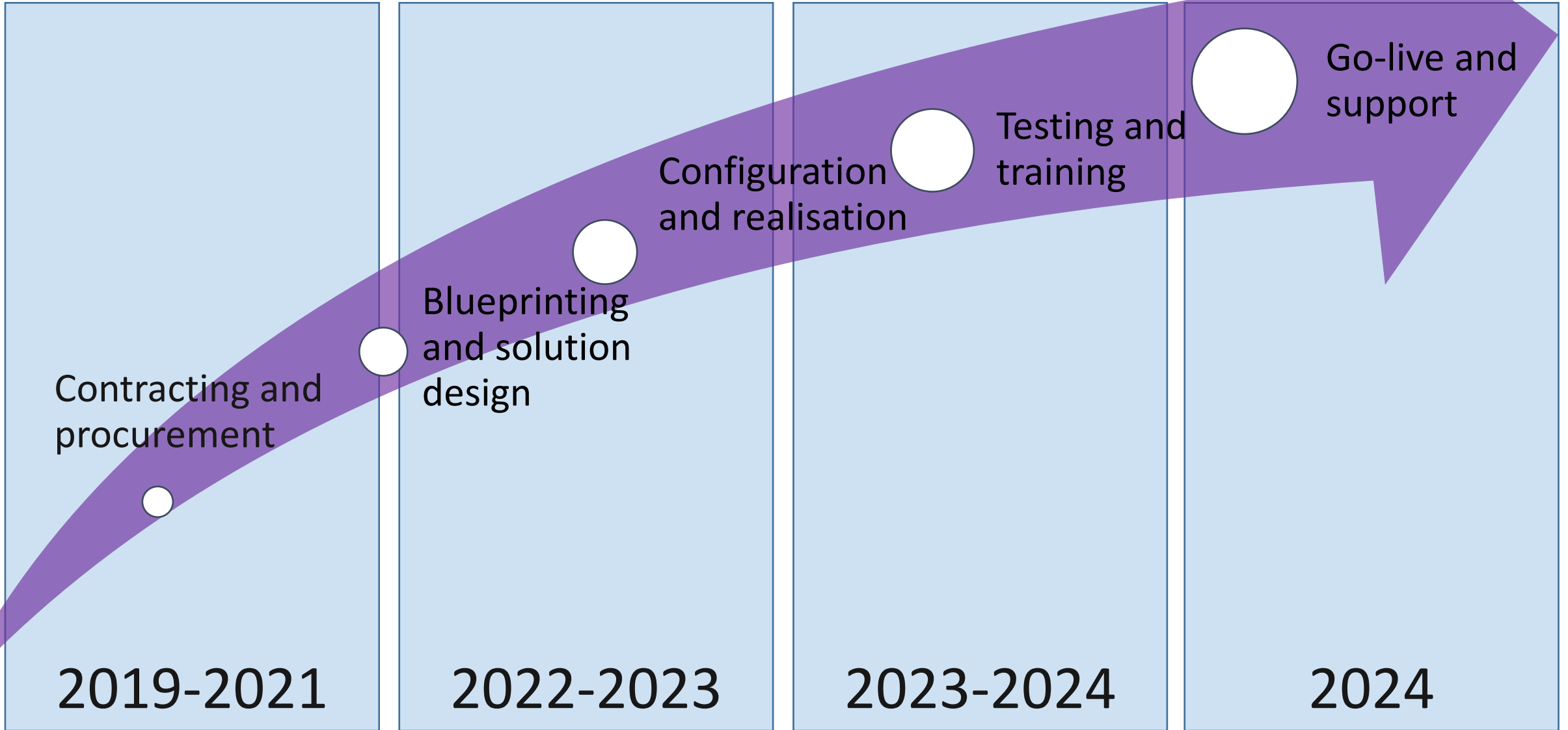
Leverage (vs. prescribe)

Leverage lessons learned and best practices

Partner (vs. develop)

Partner with vendor with international experience and exposure

# The roadmap – currently in Blueprint Phase





# A SIS solution in service of the NWU's strategic intent



**Client centric** - enabling applicants, students, academics and other stakeholders



Part of a larger **digital education technology platform** (Eco System)



It **must impact student success** and **retention** through **personalised experiences** and on-going interaction and engagement



The integrated platform must build a robust **data-driven institution** to enable timely and effective decision-making through strong analytics engine



**Eliminating redundant and monotonous work** through self-service, automation and rule-based transaction, we free up time to focus on the important tasks

100  
Days.

