

# ANNUAL REPORT 2023



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# CHAIRMAN'S NOTE

The Honourable Datuk Haji Len Talif Salleh  
Chairman of TEGAS

In **2023**, TEGAS embarked on a dynamic journey, characterized by a wealth of activities and significant advancements, laying the groundwork for a year of substantial progress.

With an unwavering commitment to propel Sarawak towards the coveted status of a developed state by 2030, as outlined in the Post Covid-19 Development Strategy (PCDS) 2030, TEGAS adopted a multifaceted approach. Leveraging on a diverse range of strategies and initiatives, the TEGAS fervently championed Technical and Vocational Education and Training (TVET), STEM Education, and digital innovation and entrepreneurship across Sarawak.

At the core of this endeavour was a comprehensive strategy rooted in the firm commitment to fostering digital inclusion.


TEGAS took proactive measures, orchestrating an array of meticulously tailored outreach programs designed to resonate deeply with the Sarawakian community, both in physical and virtual realms. These initiatives proved pivotal in enhancing awareness and fostering active engagement in the digital realm.

TEGAS reaffirms its steadfast dedication to forging collaborative partnerships with a myriad of stakeholders to cultivate a vibrant ecosystem conducive to the achievement of our objectives. Emphasizing the significance of dynamic public-private collaborations, which encompass universities, governmental bodies, corporate entities, aspiring entrepreneurs, investors, and the broader community, TEGAS endeavours to provide fertile ground for nurturing local talents while facilitating their seamless integration into the market.



Honoured with the prestigious Leadership Legacy in Digital Entrepreneurship Development at the esteemed International Business Review (IBR) Borneo Awards 2023, TEGAS stands resolute in its mission. Aligned with the visionary leadership of YAB Premier Sarawak, the organization remains steadfast in its resolve to cultivate an environment conducive to fostering digital entrepreneurship and innovation within the state.

As we reflect on the achievements of yet another remarkable year, TEGAS extends its profound gratitude to all stakeholders for their invaluable support and unwavering commitment. Buoyed by the successes of the past, we look ahead with renewed enthusiasm and determination, poised to scale even greater heights in 2024 and beyond.



Haji Udin Bin Bujang  
Chief Executive Officer, TEGAS

CEO

NOTE

With immense pride and gratitude, we look back on the accomplishments and milestones of 2023. TEGAS embarked on a transformative journey, propelled by our unwavering dedication to advancing Technical and Vocational Education and Training (TVET), STEM Education, and fostering digital innovation and entrepreneurship in Sarawak.

Throughout the year, we remained resolute in our mission to steer Sarawak towards its goal of attaining developed state status by 2030, in accordance with the Post Covid-19 Development Strategy (PCDS) 2030. Our endeavours were guided by a comprehensive strategy encompassing a variety of initiatives aimed at nurturing our goals and empowering communities across the state.

Through meticulous planning and the cohesive teamwork of our management, we are delighted to report substantial progress in our endeavours. Our meticulously designed outreach programs, executed both in physical and virtual spheres, have effectively heightened awareness and cultivated active engagement within communities across the state. In doing so, we have laid a solid foundation for a future that is empowered by digital innovation.

Moreover, our commitment to collaboration and partnership remained steadfast. We forged dynamic alliances with a diverse array of stakeholders, including universities, government agencies, corporate partners, entrepreneurs, investors, and the broader community. Together, we laboured tirelessly to cultivate a vibrant ecosystem that promotes TVET and STEM education, as well as the growth of start-ups and entrepreneurs, on both local and national scales.



As we embark on the next phase of our journey, I extend heartfelt appreciation to our Chairman, esteemed members of the Board of Trustees, and our invaluable stakeholders, strategic partners, and affiliated ministries and agencies for their unwavering support and dedication to our cause.

Together, we have achieved remarkable success, yet our journey is far from complete. With renewed determination and enthusiasm, let us continue to forge ahead, paving the path for a brighter future not only for Sarawak but also for communities beyond our borders.

Thank you for yet another exceptional year.



# 2023

marks TEGAS 11th anniversary since its inception. Throughout the years, TEGAS has aligned itself with the vision of the Sarawak government's agenda for developing a digitalized Sarawak. This is through community-centred programs such as TVET, STEM education and digital innovation for all ages, from preschoolers to university students. TEGAS also acts a platform to empower entrepreneurs in the state through accelerator programs and provides facilities for the startup communities.



## ABOUT US

**Tabung Ekonomi Gagasan Anak Sarawak (TEGAS)** was established in 2012 as a Charitable Trust dedicated to promoting TEVT & STEM Education, Digital Innovation and Digital Entrepreneurship amongst Sarawakians.

**TEGAS** is governed by the Board of Trustees, chaired by The Honourable Datuk Haji Len Talif Salleh, Deputy Minister of Urban Planning, Land Administration and Environment.

### VISION

The leading platform for the promotion of TEVT & STEM Education, Digital Innovation, and Digital Entrepreneurship in Sarawak

### MISSION

**To promote** STEM, TEVT and Entrepreneurship through outreach programme

**To foster** strategic partnership & ecosystem synergy

**To catalyze** talent development & community empowerment



## BOARD OF TRUSTEES



DATUK HAJI LEN TALIF SALLEH  
Chairman of TEGAS



YB DATUK DR. JERIP ANAK SUSIL  
Deputy Chairman



YB DATUK ABDULLAH BIN HAJI SAIDOL  
SECRETARY



YB DATUK SNOWDAN LAWAN  
Treasurer



YB DATUK DING KUONG HIING  
MEMBER



YB DATO DENNIS NGAU  
MEMBER



YB ENCIK ABDUL YAKUB  
BIN HAJI ARBI  
MEMBER



YB ENCIK WILSON NYABONG  
ANAK IJANG  
MEMBER



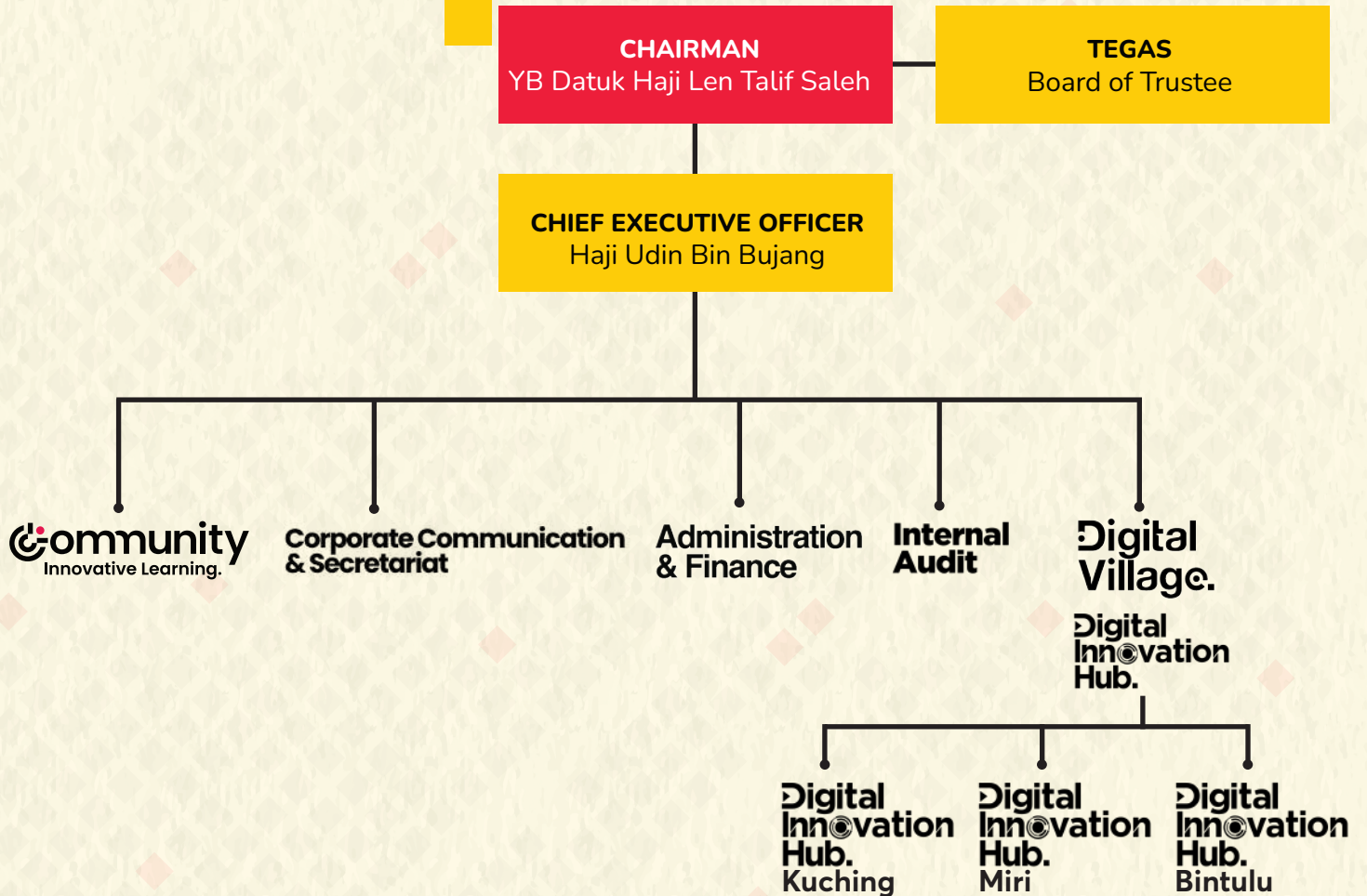
YB ENCIK BILLY ANAK SUJANG  
MEMBER



YB ENCIK FRIDAY ANAK BELIK  
MEMBER



# ORGANISATION CHART





# MANAGEMENT



**Haji Udin Bin Bujang**  
**Chief Executive Officer**



**Fredrick Kevin Buseli**  
**Senior Manager**  
**TCIL**



**Dayangku Norlila**  
**Awangku Dolhan**  
**Senior Manager**  
**Admin & Finance**



**Mohammad**  
**Shafiee Edmund**  
**Manager**  
**(Corporate**  
**Communication**  
**& Secretariat)**



**Syukri Arabi**  
**Manager**  
**(Community**  
**Events &**  
**Programs)**



**Jasmine Dadi**  
**Manager**  
**Facilities**  
**Operations &**  
**Maintenance**  
**(TDV & TDIH)**



**Isaac Lee**  
**Manager**  
**(Internal Audit)**



**Sharon Teo**  
**Pei Pei**  
**Manager**  
**(Talent**  
**Development)**



**Afida Khasuma**  
**Manager**  
**Programme and**  
**Partnership**  
**(TDV & TDIH)**



# TEGAS JOURNEY

2012

Launching of TEGAS by former Sarawak TYT & CM Allahyarham Tun Pehin Sri Abdul Taib Mahmud at BCKK

Programme:

- TEGAS Jelajah Sekolah
- Sarawak Career & Training (SCaT) Fair
- TEGAS Bersama Komuniti
- Ekspo Latihan & Pendidikan
- Hari TEVT @ PLKN



2013



Seminar Wanita was held at Borneo Convention Centre in Kuching.

Jointly organized by Workforce Development Unit (WDU), the Chief Minister's Department and TEGAS, focused on exposing and empowering women through various opportunities across various industries

Programme:

- TEGAS Jelajah Sekolah (2nd Edition)
- Sarawak Career & Training (SCaT) Fair (2nd Edition)
- TEGAS Bersama Komuniti (2nd Edition)
- Ekspo Latihan & Pendidikan (2nd Edition)
- Hari TEVT @ PLKN (2nd Edition)
- Seminar Rakan TEGAS
- Seminar Belia TEGAS
- Seminar Wanita TEGAS
- Seminar halatuju & Pendidikan TEVT

New TEVT program has been introduced ie. TEVT with You and Seminar Halatuju & Pendidikan TEVT

PROGRAMME:

- TEGAS Jelajah Sekolah (3rd Edition)
- Sarawak Career & Training (SCaT) Fair (3rd Edition)
- TEGAS Bersama Komuniti (3rd Edition)
- Ekspo Latihan & Pendidikan (3rd Edition)
- Hari TEVT @ PLKN (3rd Edition)
- Seminar Rakan TEGAS
- Seminar Belia TEGAS
- Seminar Wanita TEGAS
- Seminar halatuju & Pendidikan TEVT
- TVET with You

2014



# 2015



First Project of Dreams Realized (Pro-DR) Roadshow and Forum Belia TEGAS

Programme:

- Sarawak Career & Training (SCaT) Fair (4th Edition)
- Project of Dreams Realized (Pro-DR) Roadshow
- Forum Belia TEGAS
- Training & Industrial Awareness (TRIA) Program

# 2016

Sarawak Fashion Award and Youth Got Skills were introduced to unearth youths talent

PROGRAMME:

- Sarawak Career & Training (SCaT) Fair (5th Edition)
- Project of Dreams Realized (Pro-DR) Roadshow (2nd Edition)
- Forum Belia TEGAS (2nd Edition)
- Training & Industrial Awareness (TRIA) Program (2nd Edition)
- Sarawak Fashion Award (SFA) Youth Got Skills (YGS)



# 2017



Announcement by Premier Sarawak: TEGAS to develop Digital Village in Samajaya with RM30 mil allocation & Launching of TEGAS Digital Innovation Hub Kuching

Programme:

- TEGAS Jelajah Sekolah (4th Edition)
- Sarawak Career & Training (SCaT) Fair (6th Edition)
- TEGAS Bersama Komuniti (3rd Edition)
- Ekspo Latihan & Pendidikan (4th Edition)
- Hari TEVT @ PLKN (4th Edition)
- Seminar Rakan TEGAS
- Seminar Belia TEGAS
- Seminar Wanita TEGAS
- Seminar halatuju & Pendidikan TEVT
- Projects of Dream Realized (Pro-DR) Roadshow (3rd Edition)

2018



First Drone & Robotics exhibition held by TEGAS at BCCK

Programme:

- Sarawak Career & Training (SCaT) Fair (7th Edition)
- Project of Dreams Realized (Pro-DR)
- Roadshow (4th Edition)
- STEM Playground (2nd Edition)
- TEGAS Pre-Accelerator Bootcamp (TPAB)
- TEGAS Start-Up Lab (TSL)
- Drone & Robotics Explore (DROBOTEX)

2019

Launching of TEGAS Digital Innovation Hub Bintulu

Programme:

- Sarawak Career & Training (SCaT) Fair (8th Edition)
- Project of Dreams Realized (Pro-DR)
- Roadshow (5th Edition)
- STEM Playground (3rd Edition)
- Borneo International DROBOTEX 2019
- Community Innovation Literacy (COMIL)



2020



Launching of TEGAS Digital Innovation Hub Miri

Programme:

- Project of Dreams Realized (Pro-DR)
- Roadshow (6th Edition)
- STEM Playground Virtual Fair
- STEM@Home
- TEGAS #MakersChallenge
- Pertandingan Video Pendek
- TRIZ Olympiad
- Social Impact Accelerator
- TEGAS Startup Lab (TSL)

2021



## Launching of TEGAS Digital Village

### Programme:

- STEM Playground Virtual Fair 2.0
- Think & Tinker (T&T) MiniLab
- TEGAS & Friend Podcast Series
- EntreCamp
- Youth Founder Mentoring Program
- TEGAS Startup Lab
- PROJECT DREAM REALIZED E-EXPO 2021
- TEGAS TEVT For Youth Podcast
- TEGAS Youth Reachout

Post Covid-19, TEGAS is able to conduct its programs as usual.

### Programme:

- Shell LiveWIRE
- Juh Digital Bootcamp & TEGAS Startup Lab X
- MYStart Up Roadshow Sarawak
- TEGAS Founders Circle
- Startup Weekend
- TEGAS Tech Immersion Programme
- Borneo Corporate Innovation Summit
- Projects of Dreams Realized (Pro-DR) Roadshow (7th Edition)
- TEGAS T&T Mini Lab Workshop
- TEGAS T&T Explorer
- TEGAS Community Outreach
- TEGAS Community Workshop



2022

2023



## Announcement by Premier Sarawak :

To develop TEGAS Lodge Sarawak, TDV Phase 2 with RM71 mil allocation

### Programme:

- Shell LiveWIRE
- Juh Digital Bootcamp & TEGAS Startup Lab X
- MYStart Up Roadshow Sarawak
- TEGAS Founders Circle
- Startup Weekend
- TEGAS Tech Immersion Programme
- Project of Dreams Realized (Pro-DR) Roadshow (8th Edition)
- Borneo Corporate Innovation Summit
- Projects of Dreams Realized (Pro-DR) Roadshow (7th Edition)
- TEGAS T&T Mini Lab Workshop
- TEGAS T&T Explorer
- TEGAS Community Outreach
- TEGAS Community Workshop



**2023** KEY

**HIGHLIGHTS**

TEGAS had a significant year in 2023, with 85 programs organized and a record breaking of 98,234 participants involved. Remarkably, the Sarawak Career and Training (SCaT) Fair, made its return after it was last held in 2019. Empowering TEGAS's staff was also one of the focuses, where staffs had underwent various trainings and workshops for development and upskilling.

# IMPACT AT GLANCE



2023 TOTAL PROGRAMMES

85

2023 TOTAL PROGRAMME PARTICIPATIONS

98,234

TDV & TDIH INQUIRIES FACILITIES

760 PER SUBMISSION

TDV & TDIH TOTAL FACILITIES USAGE

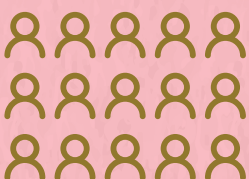
753 PER BOOKINGS

TDV & TDIH TENANTS  
TOTAL ACTIVE COMPANIES



70

TOTAL RESIDENTS



330

TDV & TDIH OCCUPANCY



Digital Village.

95.35%



Digital Innovation Hub.

67.80%



**Community**  
Innovative Learning.

# 2023 PROGRAMMES





**SCaT (Sarawak Career and Training) Fair** is the most significant annual education and career fair in Sarawak, attracting over 20,00 visitors each year. The fair is aimed at connecting graduates and school leavers with education and training opportunities, all under one roof.

Miri  
Date: 7 - 8 October 2023  
Venue: Miri City Hall, MBM

Kuching  
Date: 25 - 26 November 2023  
Venue: Wisma Sabati, Kuching

“  
"Can be organized twice a year to provide information to local residents"  
”  
Liyana, SCaT Fair Visitor

## OUTCOME

About 36 companies were involved in the fair, offering 2,694 job vacancies. A record of 1,708 candidates attended the interview with only 1,030 passed the second round of the job hunt.





**Project of Dream Realized (Pro-DR) Roadshow** is an education and career carnival roadshow program. The objective is to convey information about careers and education opportunities to the rural community.

#### Location

Lundu, Padawan, Serian, Saratok  
Meradong, Kapit, Belawai, Semop  
Mukah, Bintulu & Miri



## OUTCOME

#### Education

150 educational courses were offered and recorded about 1,000 student registrations. A total of 150 students had successfully received their offers to further their studies.

#### Job Vacancies

About 30 companies participated, offering 150 job vacancies. A record of 1,000 candidates attended the open interview and 150 individuals were successful in their job hunt.





# Think & Tinker

Mini Lab

**Think & Tinker (T&T) Mini Lab** provides facilities for school students to learn and innovate using digital technology. Through T&T Mini Lab, schools will be provided with equipment related to digital technology such as a 3D Printer, Computer, Education Drone, Robotic Kit, Arduino, Microbit, and a STEM Reading Room. In addition, schools will also be given learning modules regarding the use of the equipment from time to time.

## T&T Workshop Module Mini Lab Series 2023

Date: 25th March – 17th April 2023

Workshop Module:

Basics of 3D Printer Operation & 3D Design  
Fundamentals of mBot Robot Programming

Date: 04th March – 22nd September 2023

Workshop Module:

Basics of Tello Drone Operation & Programming  
Basics of Scratch Programming

Date: 10th October – 02nd November 2023

Workshop Module:

Fundamentals of Mobile Application  
Development MIT Inventor  
Innovative Thinking & Problem Solving  
Effective Innovation Project Presentation

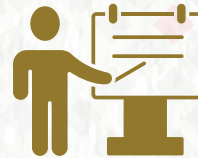
“

Total Participants



400

Total Workshop



7

”

## FEEDBACK

"Add a module on how to use Raspberry Pi for school innovation projects"

"Hopefully there will be more of the latest technology introduced to the students"





**TRIZathon TEGAS Innovation & Invention Lab (TiIL)** is a workshop aimed at empowering teaching staff and students from Politeknik with the knowledge of TRIZ (Teoriya Resheniya Izobreatatelskikh Zadac), which is a theoretical methodology for the creation of innovative ideas for problem-solving. At the end of the workshop, the participants will go through a comprehension test to enable them to obtain a Level 1 TRIZ certificate.

#### **TiIL Workshop Series 2023**

Instructor Workshop Series

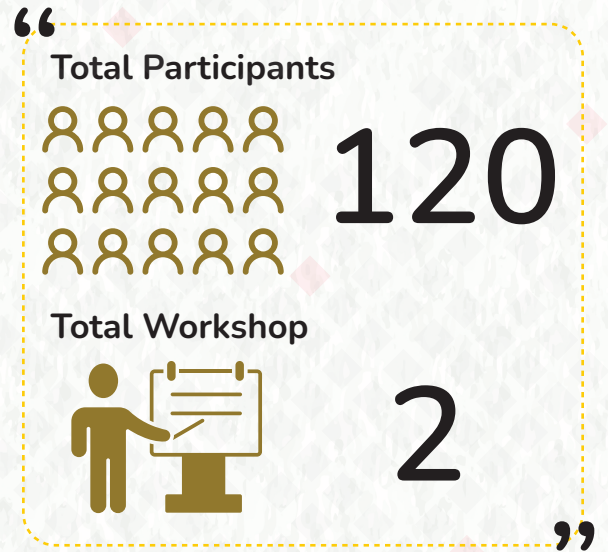
Date: 06 - 09 March 2023

Venue: Hotel Lot 10 Boutique, Kuching

#### **Student Workshop Series**

Date: 26 - 27 September 2023

Venue: TEGAS Digital Village



### **OUTCOME**



A total of 120 participants passed Level 1 TRIZ Practitioner Certificate Course

### **FEEDBACK**



"the time for the course can be extend in the future. It takes more time to study this course, especially for those who do not have an engineering background."

**TRIZ workshop participant**

"This course and program helped me to learn and improve innovation for my end-of-year project."

**TRIZ workshop participant**





# community outreach

TEGAS Community Outreach empowers Sarawakians, especially in rural areas, by educating them about digital literacy, innovation and knowledge sharing on the latest technologies.

## 2023 Community Outreach Activities:

1. **Randau Pembangunan Sosial @ Kampung Biawak**  
Lundu | 18/01/2023
2. **Lawatan SK Abang Buyuk Jerijih @ TEGAS Digital Village**  
Kuching | 13/02/2023
3. **Lawatan SK Udin, Sarikei @ TEGAS Digital Village**  
Kuching | 20/02/2023
4. **Lawatan SK Abang Haji Matahir @ TEGAS Digital Village**  
Kuching | 21/02/2023
5. **PPKS Community Outreach Programme**  
Long Bedian | 17/06/2023
6. **Ekspo Pendidikan Pejabat Pendidikan Daerah Saratok**  
Saratok | 21/06/2023
7. **Randau Pembangunan Sosial @ Rh. Soontik**  
Saratok | 23/06/2023
8. **Sarawak Children's Festival Pustaka Negeri Sarawak**  
Miri | 26/08/2023
9. **Sarawak Children's Festival Pustaka Negeri Sarawak**  
Sibu | 02/09/2023
10. **My Little Engineer (MyLE) Expo**  
Kuching | 08/09/2023
11. **Karnival Pendidikan & Kerjaya PPD SibU**  
Sibu | 09/09/2023
12. **Minggu STEM SK Sepupok**  
Niah | 12/09/2023
13. **Young STEMIST Expo & Karnival STEM PPD Lingga**  
Sri Aman | 14/09/2023
14. **Lawatan SK Agama Sarikei @ TEGAS Digital Village**  
Kuching | 04/11/2023
15. **Hari Ko-Kurikulum SMK Green Road**  
Kuching | 04/11/2023
16. **Pameran STEM SK Temenggong**  
Kuching | 07/11/2023
17. **Minggu STEM SK Satria Jaya**
18. **MyPajar STEMNovation Carnival**  
Kuching | 15/11/2023
19. **Lawatan MRSM Kuching @ TEGAS Digital Village**  
Kuching | 21/11/2023
20. **Lawatan SK Adin Sarikei @ TEGAS Digital Village**  
Kuching | 01/12/2023
21. **Karnival STEM PPD Song**  
Song | 07/12/2023
22. **Lawatan SK Penghulu Andin @ TEGAS Digital Village**  
Kuching | 07/12/2023
23. **Pertandingan Memasak SM Sains Kuching**  
Kuching | 08/12/2023
24. **Karnival Mini STEM Sekolah Seni Malaysia Sarawak**  
Kuching | 12/12/2023
25. **Lawatan SJKC Kwang Chien @ TEGAS Digital Village**  
Kuching | 12/12/2023
26. **Lawatan SK Nanga Meluan & SK Bukit Kinyau**  
Kuching | 19/12/2023
27. **Lawatan SK Bukit Nibong @ TEGAS Digital Village**  
Kuching | 22/12/2023

## OUTCOME



There is an increased interest in STEM & Technology among visitors after joining the program

“

## Total Participants



28,879

## Total Reachout



27  
Programs

”



# TEGAS COMMUNITY WORKSHOP

TEGAS Community Workshop is a talent development program organized by TEGAS in collaboration with our program partners. It is aimed at sharing knowledge and expertise in digital literacy and technology with the communities in Sarawak's urban and rural areas.

1. Bengkel Asas Pengaturcaraan Arduino @ IPG Batu Lintang  
Kuching | 18/01/2023
2. Bengkel TEGAS Innovative & Inventive Lab 1  
Kuching | 06/03/2023
3. Bengkel Pencetakan 3D & Robot mBot  
10 Sekolah Seluruh Sarawak | 25/03/2023
4. Bengkel Train the Trainer No Child Left Behind  
Miri | 27/05/2023
5. Bengkel No Child Left Behind EWB Sarawak  
Miri | 10/06/2023
6. Bengkel Pencetakan 3D & Robot mBot @ SMK Long Bedian  
Long Bedian | 15/06/2023

“

## Total Participants



1490

## Total Workshop



10

”

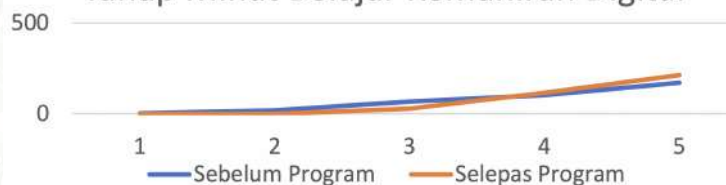
7. Bengkel Pengaturcaraan Scratch & Dron Tello  
10 Sekolah Seluruh Sarawak | 04/09/2023
8. Bengkel TEGAS Innovative & Inventive Lab 2  
Kuching | 26/09/2023
9. Bengkel Pembangunan Aplikasi Pintar MIT  
10 Sekolah Seluruh Sarawak | 10/10/2023
10. Bengkel Pengenalan Robotik @ SK Nanga Nirok Kanowit | 08/12/2023

## OUTCOME



There is an increased interest in learning digital skills among the participants after participating in the workshop.

## Tahap Minat Belajar Kemahiran Digital





# SARAWAK MINECRAFT CHAMPIONSHIP 2023

The Sarawak Minecraft Championship 2023 in Saratok is an esports competition designed to ignite creativity and cultivate future gaming champions among Sarawak's students and youths.

The program includes Minecraft competitions that challenges students' creativity in building skills using Minecraft, accompanied by additional challenges in popular games such as Mobile Legends and FIFA 2023.

Date : 20 December 2023  
Location : Dewan Sri Kerian, Saratok

Officiated by  
YB Tuan Friday Belik  
TEGAS Board of Trustee

“

Total Visitors



1,890

Total Participants



132

”

## FEEDBACK



“Excellent program and needs to be done in other areas.”

Iman, Minecraft participant

“Open more team registration and increase match times to be made throughout the day.”

Lawai, Mobile Legend participant



# STEM PLAYGROUND

DISCOVER | CREATE | INNOVATE

**STEM Playground** is an exhibition of creativity and innovation in Science, Technology, Engineering & Mathematics. The STEM Playground features hands-on workshops, industry exhibitions, exciting competitions and more. Through STEM Playground, this program also aims to foster STEM interest, especially among school students.

Miri

Date: 7 - 8 October 2023

Venue: Miri City Hall, MBM

Kuching

Date: 25 - 26 November 2023

Venue: Wisma Sabati, Kuching



“

Total Visitors



12,275

Total STEM Workshop



132

Total Exhibition Booth



45

Total STEM Competition



10

”

# BORNEO MAKERS FESTIVAL

CRAFTING TOMORROW, CELEBRATING TRADITIONS

## The Borneo Makers Festival (BMF)

provides a unique platform for networking and knowledge-sharing between local designers and makers from all backgrounds and industries. The program includes exhibitions, hands-on activities, and Do-It-Yourself (DIY) projects. Various interesting workshops and exhibitions took place such as Carpentry, Arts & Crafts, Robotics, Textiles, Dioramas, performances, cooking, and many more.

Miri

Date: 7 - 8 October 2023

Venue: Miri City Hall, MBM

Sibu

Date: 21 - 22 October 2023

Venue: Pustaka Negeri Sarawak, Sibu

Kuching

Date: 25 - 26 November 2023

Venue: Wisma Sabati, Kuching

“

### Total Visitors



11,699

### Total Workshop



78

”





**Shell LiveWIRE** is Shell's flagship enterprise development programme, delivered in partnership with TEGAS to strengthen local economies across the globe by promoting entrepreneurship, inspiring young entrepreneurs to innovate and produce real business solutions that meet today's socio-economic needs.

Ten startups are shortlisted from the five-day bootcamp to participate in the final pitching session, in which five winning enterprises received a start-up fund of RM10,000 from Shell and an additional RM5,000 from TEGAS, as well as a year of business coaching and opportunities to connect with the global LiveWIRE ecosystem.

## Demo Days Winner

**EB Tech, Pungu Borneo, RukunTV, Myscripts, Dr. Parveen Kaur**

The five winners were selected to join Sarawak Shell LiveWIRE 2023 National Level, to compete alongside 5 winners from Sabah Shell LiveWIRE and 5 winners from Peninsula Shell LiveWIRE.

Pungu Borneo was selected as one of the 5 national winners and received a start-up fund of RM30,000 from Shell and an additional RM20,000 from TEGAS. Pungu Borneo also stood a chance to compete in the annual Shell Global Top Ten Innovators Awards.

“

### Total Startups



**30**

(10 startups shortlisted for Demo Day, 5 Winners)

### Total Workshop



Bootcamp: 24 - 28 July 2023  
Demo Day: 31 July 2023

### Programme Partners



**satu  
creative**

”

## SUCCESS STORIES



Pungu Borneo, a social enterprise centred on traditional handicraft and jewelry and culture, was selected as one of the 5 national winners and received a start-up fund of RM30,000 from Shell and an additional RM20,000 from TEGAS. Pungu Borneo also stood a chance to compete in the annual Shell Global Top Ten Innovators Awards.

Headed by Lucille Awen Jon, her efforts on exploring more about crafts and traditional art started in 2014, and since then, has achieved several successes in her entrepreneurship journey thanks to Shell LiveWIRE as well as support from TEGAS.





# PRE-ACCELERATOR BOOTCAMP

TEGAS Pre-Accelerator Bootcamp is a one week programme designed to take early-stage startups to the next level. Participants selected for the programme received the benefits of mentoring from industry experts and seasoned entrepreneurs, access to early stage investment opportunities, a green lane to participate in TEGAS accelerator programmes, company incorporation support, 3-month free co-working access to TEGAS Digital Village in Kuching and TEGAS Digital Innovation Hub in Bintulu and Miri, as well as access to startup supports and entrepreneurial ecosystem via TEGAS and MYStartup.

Ten startups were selected for the Demo Day pitching in which five winners wins startup fund amounting to RM2,500 each from MYStartup.

## Demo Days Winner

**Tikuwan, Cloud Design Studio, Rahman Cleaning Services, Satok Bridge Digital MyCapsule Hotel**

“

### Total Startups



# 11

### Total Workshop



Bootcamp: 12-16 June 2023  
Demo Day: 18 June 2023

### Programme Partners



MY  
STARTUP



WatchTower & Friends

”

## SUCCESS STORIES



Satok Bridge Digital, an AI solution company, was one of the winners of MYHackathon 2022 Cohort 2 for its innovative solution called 'GajahSafe', to address the challenge of managing human-elephant conflict.

Based in Sarawak, the local tech startup also won the Shell LiveWIRE Sarawak 2022 as well as Shell LiveWIRE National Awards 2022, supported by both Shell and TEGAS.

















## TECH IMMERSION PROGRAMME

**TEGAS Tech Immersion Programme 2023** is a six-month apprenticeship programme designed to empower unemployed or fresh graduates to kickstart their careers in the digital innovation and entrepreneurship ecosystem, in line with the Sarawak Post-COVID-19 Development Strategy 2030. This programme is organised in partnership with Yayasan Peneraju Pendidikan Bumiputera.

This year, this programme is run in three cohorts, with the first two cohorts concluding in May 2023 and December 2023.

“

### Total Participation

    Cohort 1 : **10** Tech Talents  
    Cohort 2 : **8** Tech Talents  
    Cohort 3 : **16** Tech Talents

### Total Cohort

**Cohort 1** : 24th March 2023 to 30th September 2023

**Cohort 2** : 12th June 2023 to 14th December 2023

**Cohort 3** : 18th Sept 2023 to 23rd March 2024

### Programme Partners



”



## **PARTICIPANTS TESTIMONIAL**

“This programme is great, because I get to explore a lot of things. I learned how to work in a team, I have never worked in a team before.

” - Matt Jefferson Anak Janting

“Through this programme, I have discovered new skills from the company I’m attached with. I have the opportunity to explore my skills in business development.” - Prescilia Elsie Anak Honchin

## **SUCCESS STORIES**



The combined success rate of participants from Cohorts 1 and 2 stands at 77.7%, having secured employment or freelance opportunities upon graduation. Notably, their initial salaries ranged between RM1500 and RM2000, aligning with their program allowances. These individuals demonstrated evident potential for career progression, with prospects for job transitions or salary enhancements post-probation. As a result, a considerable number of participants are on track to attain higher-paying roles, underscoring the program's efficacy in fostering professional advancement.



# #INNOVATE SARAWAK WORKSHOP SERIES

**#InnovateSarawak Workshop Series** is a round of industry's experienced professionals to conduct immersive workshops focusing on valuable skill sets for startups and entrepreneurs.

“

## Total Participation



# 83

Participants

30 x Kuching, 25 x Bintulu, 27 x Miri

## Total Workshop



# 3

(1 - Kuching, 1 - Bintulu, 1 Miri)

## Programme Partners



”



# #INNOVATE SARAWAK

# SPEAKER SERIES

#InnovateSarawak Speaker Series is a platform to bring together industry and subject matter experts in producing curated conversations around digital innovation and entrepreneurship.

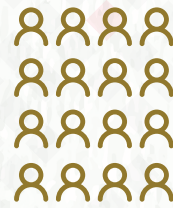
## SESSIONS & SPEAKER INFORMATION

- Building A Vibrant Startup Ecosystem In The ASEAN Region (Kashfi Alwi, CradleFund)
- What Can Artificial Intelligence Do For Us? (Dr. Sai Chong Yeh, Ever AI Technologies Sdn Bhd & Dr Eric Balan, Asiatech Education Sdn Bhd)
- Introduction to Entrepreneurship (Rosihan Juara Baharuddin, NeoOne Centre of Accelerated Learning)
- Setting Up A Business In Sarawak (Sharifah Rafidah, Cent@cube)
- Storytelling for Entrepreneurs (Azuar Zainuddin, Satu Creative)
- Sounds of Sustainability: Creating Music From Recycled Materials (Meges Laoi, Visual & Performing Artist)



“

### Total Participation



1,684 Virtual 149 Physical

### Total Sessions



2 Virtual 8 Physical

### Programme Partners



neOne  
UNLEASH YOUR POTENTIAL

Cradle  
— Creating. Leading. Startups. —

cent@cube



Ever AI  
Technologies



ASIATECH  
EDUCATION · RESEARCH · INNOVATION

”





# Fundraising Accelerator Programme

TEGAS Fundraising Accelerator Programme is a programme aimed at accelerating the growth of local startups and social enterprises in line with the Sarawak Post-COVID-19 Development Strategy and Sarawak Digital Economy Blueprint 2030.

The programme is specifically designed to help entrepreneurs with little or no experience in raising capital from external investors. Startup founders will be fully equipped with the right techniques to raise capital for their businesses, and learning about the technicalities of fundraising.

“

Total Participation



25  
Startups

Workshop Dates

7th to 10th November 2023

Programme Partners



Delivery Partner

Supported by



MY  
STARTUP

”





**Game Jam** is a hackathon-like event that allows the participants to learn about game development hands-on in 48 hours. It's a playground for the passionate to explore, create and collaborate with like-minded people, while testing their ability to design and develop a game within the allocated time frame.

Winning teams receives free conference passes worth RM400 to the Malaysia Digital Content Festival (MYDCF) 2023 from MDEC (which includes Level Up KL) as well as mobility support from TEGAS

#### WINNERS:

BamTo! (Best Use of Theme category)  
Screeching Halls of Terror (Best Game Mechanics category)  
Beatnik Smasher (Most Memorable Category)



## SUCCESS STORIES



The SwkGDC reported that this year's game jam had attracted more than 50 registrations ranging from students to working adults. Participants came from across East Malaysia, with some from Sri Aman, Miri, Bintulu, Sibul, and even Sabah took on the challenge of building a digital game from scratch in 48 hours.



TEGAS employees participated in various training programs aimed at developing skills and enhancing efficiency to further boost and elevate TEGAS's image.



# Training & Development Gallery



Secretary and Administrative Skills  
14 – 15 Februari 2023



National Human Capital  
Conference & Exhibition  
30 - 31 October 2023



Malaysia HR Forum  
Conference & Exhibition 2023  
08 June 2023



Kursus Pengurusan dan Penulisan  
Minit Mesyuarat  
15 - 16 Nov 2023

# Training & Development Gallery

## Transformasi Imej Professional

09 Mac 2023



# Training & Development Gallery

## Majlis Apresiasi TEGAS

20 May 2023



**TEGAS**, through TEGAS Digital Village (TDV) is proud to host our partners and education institutions a tour around TDV with the facilities provided here as well as to forge potential collaborations between the organization and TEGAS through their visit.



## & SCHOOL CORPORATE VISIT

## SCHOOL & CORPORATE VISIT GALLERY



SK Abang Buyuk Jerijeh, Daro  
14 February 2023



SK Abang Haji Matahir, Sarikei  
18 February 2023



SK Muara Payang, Sarikei  
20 February 2023



SK Kuala Matu, Daro  
24 February 2023



Kolej Vokasional Betong  
08 Mac 2023



Universiti Teknologi MARA  
(UiTM) Samarahan  
16 June 2023

## SCHOOL & CORPORATE VISIT GALLERY



SK Assun, Sarikei  
28 August 2023



SK Mandor, Sarikei  
08 November 2023



Maktab Sains MARA (MRSM) Kuching  
21 November 2023



Swinburne University of  
Technology, Kuching  
Business Management  
29 November 2023



SK Adin Sarikei  
01 December 2023



SK Sungai Paoh, Sarikei  
07 December 2023

## SCHOOL & CORPORATE VISIT GALLERY



SK Sarikei, Sarikei  
08 December 2023



SMK Kanowit, Kanowit  
18 December 2023



SK Bukit Kinyau, Sarikei  
19 December 2023



SK Nanga Meluan, Julau  
19 December 2023



SK Bukit Nibong, Bintangor  
22 December 2023

## SCHOOL & CORPORATE VISIT GALLERY



MAHSA University,  
Regional Centre Sarawak  
10 January 2023



Kementerian Sains Teknologi  
Dan Inovasi Sabah (KSTI)  
30 January 2023



Peopleogy Group  
14 February 2023



Unit Komunikasi Awam Sarawak (UKAS)  
22 February 2023



MDV Berhad  
23 February 2023



PERKESO Negeri Sarawak  
24 February 2023

## SCHOOL & CORPORATE VISIT GALLERY



Yayasan Peneraju Bumiputera  
13 Mac 2023



Computer, Information and Mathematics  
Academic Centre UiTM  
23 August 2023



UMPER and PULSY  
07 September 2023



SIRIM Malaysia  
11 September 2023



MSD Digital Intelligence Sdn Bhd  
26 September 2023



Malaysian Youth Council  
06 December 2023

**2023**

## STARTUP HIGHLIGHTS

TEGAS will be highlighting **SATOK BRIDGE DIGITAL**, who is also one of our tenants at TEGAS Digital Village. Lavinder Singh of Satok Bridge Digital spoke to TEGAS on their growth since their establishment, upcoming strategic initiatives as well as strategies for achieving long-term sustainable growth.



## SHELL LIVEWIRE MALAYSIA 2022

# NATIONAL WINNER



SHELL LIVEWIRE MALAYSIA 2022 WINNER

# SATOK BRIDGE DIGITAL

The Journey of Startup Success in Sarawak's Tech Scene

**AFTER 15 years** of collective experience working outside of Sarawak, it is high time for Lavindar Singh to come back and serve in his beloved hometown, the Land of Hornbill, to contribute his skills and expertise.

The founder of Satok Bridge Digital admitted that the path to establishing a startup wasn't as rosy as it seems, with no clear directions at that point of time.

However, with the consistent encouragement from Tabung Ekonomi Gagasan Anak Sarawak (TEGAS), which Singh likened it to as a 'lifesaver', Satok Bridge Digital joined both MYHackathon and Shell LiveWIRE programs, where they emerged victorious in both competitions. This clearly shows a remarkable achievement for such a young startup which was just founded in 2022.

Why Satok Bridge Digital you ask? Singh explained that it is a spin-off from Satok Bridge Area Consulting Engineers and it is a two separate entities from his partner's company name.

"And that's what kickstarted Satok Bridge Digital. We spent about 15 years working outside of Sarawak, in Kuala Lumpur and other places to name a few.

"Satok Bridge Digital is like our way of building something that we can give back to Sarawak, through whatever skills we have," he shared.

## **i** QUICK FACTS

Offering four digital solutions products namely GajahSafe, EasyGrow, DataBridge and Smart Cashier System, leveraging the latest technology.

## Doubling Team Structure Over The Years

The Satok Bridge Digital team has grown and doubled since 2023. From just three individuals in a one-shared working suite, Singh said the startup saw an addition of 4 employees from the TEGAS Tech Immersion Programme (TTIP).

He said the engineering part is expanding this year, with individuals from TTIP being absorbed into the team, each focusing on their respective disciplines namely software development, especially on UX/UI and mobile app development, artificial intelligence (AI) as well as IoT hardware.

Satok Bridge Digital set its base at TEGAS Digital Village here and now occupies two working spaces to accommodate the current growth of the company.

## No Such Things As Competition, Just The First Of Its Kind

So, what sets Satok Bridge Digital apart from the rest? Singh said they are unique in a sense that they are focusing on wildlife technology, via GajahSafe, a security solution to minimize human-wildlife conflict, in which he said not one startup in Malaysia is venturing into that yet.

“In addition to that, with IoT, where we built our own IoT systems and hardware through DataBridge, one of our services for any IoT related projects, we have not seen anyone locally in Sarawak who’s doing that as of yet.

“Therefore, I don’t see others as my competitors but more of a group of people who are trying to hustle and do the same thing as us in the startup landscape,” he said.

As Satok Bridge Digital is also venturing into the agriculture space through EasyGrow, an innovative solution for home farming, he said the products offered by them will benefit mainly plantations, farmers and also those from aquaculture industry.



## “TEGAS Is A Lifesaver”

Reiterating this, he said TEGAS is a ‘savior’ to Satok Bridge Digital, allowing them to kickstart their startup with clear direction and also through the TTIP program, which allows Singh to meet local talents that are contributing to the organization today.

“That was one of the main reasons why we came back (to Kuching), as part of giving back to our people.

“Over the six months with TTIP participants, we have polished the talents to their full capabilities and potential and it is only right to absorb them as employees of the organization,” he said.

Singh added that TEGAS also shine the spotlight on startups here, providing them with exposure through visits and various programs implemented by TEGAS.

“It’s a great environment to be in. In TEGAS Digital Village, there are other startups as well where we can also exchange ideas among each other,” he said.

## **i QUICK FACTS**

Named as one of the national winners of Shell LiveWIRE Malaysia 2022 and the only winner from Sarawak to receive an additional cash prize of RM20,000 from Tabung Ekonomi Gagasan Anak Sarawak (TEGAS).

Also a winner of the Shell LiveWIRE Sarawak 2022 and the sole recipient from Sarawak to win the MYHackathon 2022 Cohort 2 Programme.

### **Key Milestones For The Upcoming Months**

According to Singh, the focus now is on its two running projects set this April, which he deemed as a 'challenge' for the team, adding "it's a good start for the team" to kick off the year.

Opportunities are aplenty for Satok Bridge Digital, he said, with interested parties looking forward to their wildlife protection services and several pilot projects coming up soon.



### **Impact That Matters**

Singh emphasized that growth is not just in terms of manpower but in terms of the impact they've created to each and every project implemented.

"We do not gamble on a project if we think it is a white elephant project. We want something that is long term and benefits the client, not a wishlist for someone.

"That's more impactful to us because it brings more benefits to the client.

"Our sustainable growth will mainly focus on the long term impact it has on the clients using the data that they have and the digital protection they can get," he stressed.

### **Honesty Is The Best Policy**

When asked for advice for inspiring startups, Singh reminded that there will be a lot of risk involved, sleepless nights, brainstorming and being busy all the time.

"It goes back to the aim and objectives of starting a startup. If you stick to your aim and objective, you will definitely get somewhere.

"We realized that being honest, too, is one of the attributes that help us in our entrepreneurial journey. Being honest with clients and everyone around us has always helped us," he said.



**2023**

**AWARDS &  
MEDIA  
HIGHLIGHTS**

The year 2023 saw TEGAS received numerous accolades, which recognizes TEGAS's efforts and contributions in enhancing TVET & STEM education as well as empowering entrepreneurs in Sarawak, championing and realizing the Sarawak government's agenda as a whole.



The International Business Review Borneo Awards 2023

## CONGRATULATIONS

### **Leadership Legacy in Digital Entrepreneurship Award for The International Business Review Borneo Awards 2023**

Chairman of TEGAS, YB Datuk Haji Len Talif Salleh, was awarded the Leadership Legacy in Digital Entrepreneurship Award for The International Business Review Borneo Awards 2023.

This award recognises his contribution as Chairman of TEGAS since TEGAS was established in 2012. Upon assuming the role as a Chairman, he has steered the organisation towards its vision. He worked closely with the Board of Trustees and the management team to set clear objectives and key results aligned with the Sarawak government's vision. This strategic focus has allowed TEGAS to chart a clear path forward and prioritise catalytic initiatives that bring TEGAS closer to realising its vision.

The International Business Review Borneo Awards 2023 is one of Malaysia's most prestigious corporate awards ceremonies. This award is intended to give recognition to the public and private sectors that have achieved various successes and excellence.

# 2023 MEDIA HIGHLIGHTS

## SCaT Fair 2023 to take place in Miri, Kuching and Sibul

**KUCHING:** The Ministry of Education, Innovation and Talent Development in collaboration with Tabung Ekonomi Gagasan Anak Sarawak will be organising the Sarawak Career and Training (SCaT) Fair 2023 in Miri, Kuching and Sibul.

The event is also supported by the Social Security Organisation (Socso), according to a press kit distributed at the end of a press conference chaired by Minister of Education, Innovation and Talent Development Datuk Roland Sagah Wee Inn to announce the fair.

For the northern region, the fair will take place at Miri City Hall on Oct 7 and 8 from 8.30am to 5pm, followed by the southern region at Wisma Sabati in Kuching on Nov 25 and 26, also from 8.30am to 5pm.

Premier Datuk Patinggi Abang

Johari will officiate the SCaT Fair in Kuching.

For the central region, the ministry said the event will take place in Sibul but the venue, dates and time have yet to be confirmed.

"After a hiatus due to the pandemic, SCaT Fair 2023 serves as a 'One Stop Centre' for students, youths, parents, and community at large to provide sufficient information on education and career opportunities to the public," it said.

The fair serves to deliver information on educational financial aid to pursue academic or skills training made available by participating agencies; enhance employability and/or marketability of graduates or youth; empower youth to make more informed decisions for their

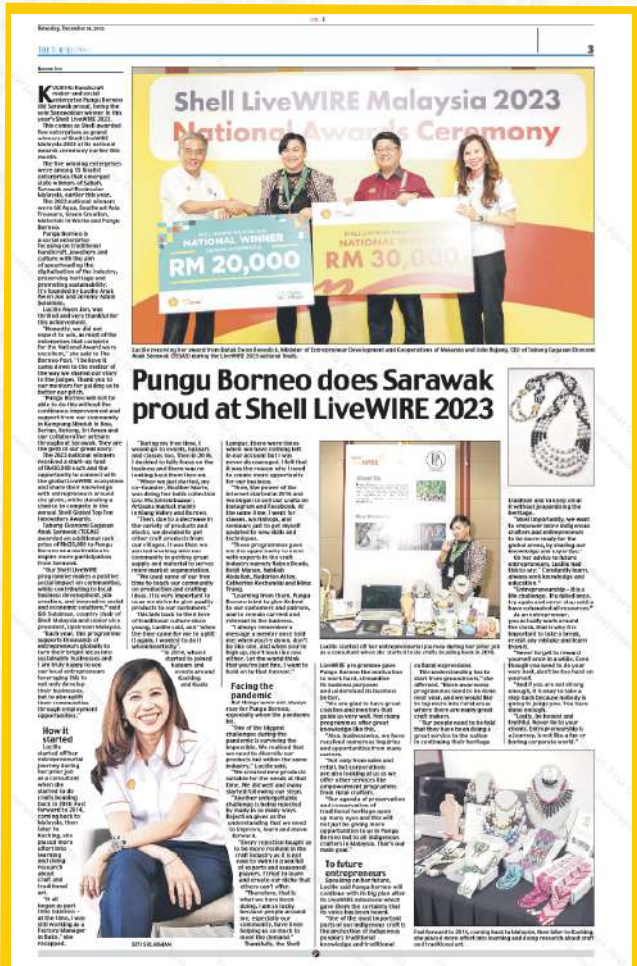
future; and to nurture interest in STEM among school children.

Besides employment opportunities, the fair also runs other concurrent events like STEM Playground, TVET Battlefield, Talent Stage and Borneo Maker Festival and Planetarium Sultan Iskandar Dome.

The two-day fair at each zone is expected to attract some 7,000 visitors and 10,000 online viewers.

The ministry also informed that approximately 30 exhibitors from companies as well as 30 exhibitors from public and private institutions of higher learning (from each zone/division), together with financial aid providers, technical schools and government departments and agencies have confirmed their participation for this fair.

The Borneo Post, Oct 6, 2023



The Borneo Post, Dec 16, 2023

## 10,000 highlight SCaT Fair 2023 triumph

**MIRI:** The Sarawak Career and Training (SCaT) Fair 2023 concluded its two-day event here, attracting over 10,000 attendees.

The fair, organised by Tabung Ekonomi Gagasan Anak Sarawak (TEGAS), received robust support from government bodies, educational institutions, and the public.

Deputy Minister for Tourism, Creative Industry, and Performing Arts, Datuk Snowdan Lawan, officiated at the closing ceremony on Sunday.

"Established in 2012, TEGAS shoulders a significant responsibility in raising awareness and nurturing the talents of young Sarawakians, particularly in digital technology and STEM education, to realise the vision and mission of our Premier," Snowdan said.

During the ceremony, he presented awards to students who participated in and won various contests at the SCaT Fair, with TEGAS's acting CEO, Manzoor Hayat Khan, in present.

New Sarawak Tribune, Oct 10, 2023

## Len Talif Salleh honoured with 'Leadership Legacy in Digital Entrepreneurship Award' at IBR Borneo Awards 2023

**KUCHING:** Tabung Ekonomi Gagasan Anak Sarawak (TEGAS) chairman Datuk Len Talif Salleh was honoured with the 'Leadership Legacy in Digital Entrepreneurship Award' at the International Business Review (IBR) Borneo Awards 2023 on Friday.

A press statement from TEGAS said the award recognised his contribution and important role as its chairman in supporting the state government's initiative to develop digital entrepreneurs and digital innovation ecosystem in Sarawak.

It said since its establishment in 2012, various initiatives and programmes had been carried out by TEGAS under Len Talif's leadership, starting with helping the state government in promoting technical and vocational education and training (TVET) among Sarawakians.

"Among the programmes implemented include the Sarawak Career and Training Fair, Friends of TEGAS Seminar

and National Service Programme (TVET Day)," said TEGAS. It added that in line with the vision of Premier Datuk Patinggi Tan Sri Abang Johari Tun Openg, the role of TEGAS had been expanded to empower start-up companies and promote science, technology, engineering and mathematics (STEM) education to prepare the younger generation in facing the Industrial Revolution 4.0.

TEGAS said Len Talif's leadership was credited for being trusted by the Premier to develop the TEGAS Digital Village in 2017.

"The International Business Review Borneo Awards 2023 is a prestigious corporate award in Malaysia.

"The award is intended for giving recognition to the public and private sectors that have achieved various success and excellence, in addition to recognising their services and contributions to Sarawak," said TEGAS.



Len Talif with his award.

The Borneo Post, Nov 5, 2023

# 2023 MEDIA HIGHLIGHTS



New Sunday Tribune, Nov 26, 2023



Suara Sarawak, Nov 26, 2023



New Sunday Tribune, Nov 26, 2023



Suara Sarawak, Nov 26, 2023



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MINISTRY OF EDUCATION, INNOVATION  
AND TALENT DEVELOPMENT, SARAWAK

**SMA**  
SARAWAK MULTIMEDIA AUTHORITY

**SDEC**  
Digitalising Sarawak

**SMG**  
SARAWAK MEDIA GROUP

**MDEC**



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