

UNIMAS SDG REPORT

JULY 2023/2024



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FOREWORD



At Universiti Malaysia Sarawak, our mission as a Community Driven University for a Sustainable World is grounded in our deep commitment to the people of Sarawak and Borneo. We believe that sustainability is not just a global challenge but an opportunity to create meaningful, lasting impact. As we work toward a more sustainable future, our focus remains on collaboration and community engagement.

Through our Sustainability Masterplan, we continue to strengthen partnerships with local communities, indigenous groups, and stakeholders through UNIMAS Sustainability Masterplan 2021-2025. These collaborations are at the heart of our efforts to address the pressing environmental and social challenges faced by Borneo. By working together, we ensure that our sustainability programs are not only relevant but also impactful, tailored to meet the needs of the communities we serve.

Research initiatives in UNIMAS are explicitly grounded in and aligned with the United Nations Sustainable Development Goals (SDGs) to ensure our work has global relevance and measurable local impact. We focus on developing practical and actionable solutions to pressing regional challenges, specifically targeting SDGs related to climate resilience (SDG 13), biodiversity conservation (SDG 15), and sustainable resource management (SDG 12). This approach rapidly translated into tangible community impact, providing local populations with the knowledge, technologies, and sustainable practices needed to improve their livelihoods while safeguarding the unique ecosystems of Borneo.

Beyond our research mandate, we integrate the spirit of the SDGs across all areas of university life. Our commitment to sustainability is woven into our academic curricula, student life, and extensive community outreach programs. We actively foster the next generation of SDG leaders and empower students to engage in projects that advance social equity (SDG 10), environmental stewardship, and climate action. This holistic institutional approach ensures we equip our graduates with the tools and mindset to drive lasting, sustainable change long after they leave the university.

At UNIMAS, we are proud of the difference we are making, working alongside the communities of Sarawak and Borneo to unlock a sustainable, resilient future for all.

Assoc. Prof. Ts. Noraziah Binti Datuk Haji Abdul Wahab
Assistant Vice Chancellor (Industry-Community Network and Sustainability)
Universiti Malaysia Sarawak (UNIMAS)

SUSTAINABILITY THROUGH PARTNERSHIP

Universiti Malaysia Sarawak (UNIMAS) continues to lead as a catalyst for sustainability transformation in Sarawak and across Malaysia. Between 2023 and 2024, UNIMAS strengthened its sustainability journey through strategic collaborations, global engagements, and community empowerment initiatives. Guided by the UNIMAS Sustainability Masterplan 2021–2025, UNIMAS has positioned itself as an active agent of change, aligning its efforts with Malaysia's national sustainability goals and Sarawak's Post-COVID Development Strategy (PCDS 2030).

UNIMAS's involvement in major sustainability platforms reflects its commitment to advancing Environmental, Social, and Governance (ESG) education, policy development, and transformative research. From the SDG Summit 2023 to the Malaysia Urban Forum (MUF 2023) and the Sarawak Urban Forum 1.0 (2024), UNIMAS has been an active contributor to national and regional dialogues on sustainable cities and community resilience.

A key milestone was the publication of the UNIMAS ESG Excellence Report, making UNIMAS the first public university in Malaysia to release its own ESG report. This achievement reinforces UNIMAS's commitment to transparency, responsible governance, and measurable social impact while positioning it among the frontrunners of ESG integration in higher education.

In collaboration with URBANICE Malaysia and the Sarawak Government, UNIMAS contributed to the Sarawak State SDG Report 2024–2025, supporting the development of SDG Roadmaps and Voluntary Local Reviews (VLRs) for local authorities. This demonstrates UNIMAS's ability to translate academic knowledge into policy solutions that drive real change.

UNIMAS continues to cultivate sustainability leadership through initiatives such as the Sustainability Design Challenge (SDC 2024) and the Borneo Leadership Transformation and Strategic Programme (BOLTS 2024). Through leadership, innovation, and collaboration, UNIMAS continues to leave a transformative footprint, shaping a sustainable legacy for Sarawak and Malaysia.

2–3 October 2023

SDG SUMMIT 2023

UNIMAS actively participated in the summit as a speaker, panelist, and exhibitor, showcasing its leadership and initiatives in sustainability.



4–8 November 2023

MALAYSIA URBAN FORUM

Co-organised by URBANICE Malaysia and DBKU, MUF2023 featured UNIMAS as a strategic partner through the Academia Assembly.



December 2023

UNIMAS ESG EXCELLENCE 2023

UNIMAS published its 1st Environmental, Social, and Governance (ESG) Report



6 November 2024

GLOBAL LEADERSHIP CONFERENCE 2024

UNIMAS demonstrated regional thought leadership through two major sessions—"The Future of ESG" and "ESG for a Better Future." These events brought together global experts and reinforced UNIMAS's position as a driving force in ESG education and sustainable development advocacy.



19–22 August 2024

SUSTAINABILITY DESIGN CHALLENGE (SDC 2024)

Co-organised by UNIMAS and Pustaka Negeri Sarawak, SDC2024 is a challenge for design innovative solutions for sustainability among students, supported by the Ministry of Education, Innovation, and Talent Development Sarawak, LONGi, and Yayasan Sarawak.



26–29 February 2024

BORNEO LEADERSHIP TRANSFORMATION & STRATEGIC PROGRAMME (BOLTS) - LEADERSHIP IN DIVERSITY AND SUSTAINABILITY

BOLTS 2024 fostered transformative leadership through experiential learning and sustainability-focused strategy development.



2023 2024 HIGHLIGHTS



20–22 October 2024

SARAWAK URBAN FORUM

UNIMAS actively participated as a knowledge partner in the inaugural Sarawak Urban Forum, contributing academic insights and sustainability expertise in discussions shaping future urban resilience strategies for Sarawak.



20 June 2024

VOLUNTARY LOCAL REVIEW (VLR) & SDGS CITY ROADMAP 2030 DALAT MUKAH

UNIMAS participate in preparing the Voluntary Local Review (VLR) & SDGs City Roadmap 2030 Dalat Mukah

DANA LESTARI INITIATIVES

Freshwater Lobster Farming for Aquaculture Activities in Seed Sales Business, Training Courses, and Farm/Cage Tour Package



This project aims to address the shortage of prawn seeds and feed in the market by cultivating and breeding giant freshwater prawns in fiber tanks. Beyond boosting the aquaculture industry, the project is committed to empowering local community by offering training courses and tailored packages for locals, retirees, and graduates seeking opportunities in prawn farming.

This initiative not only enhances knowledge-sharing but also contributes to the future productivity and profitability of the freshwater crayfish industry. Participants have gain understanding on crucial aspects such as breeding, feeding, water quality management, and disease prevention through hands-on training and demonstrations, ultimately improving their practical skills in freshwater prawn culture techniques.

Beneficiaries

25 participants from Kuching and Samarahan community that attended the workshop on crayfish farming

Timeline

15-Feb-2022 - 31-Aug-2023



Breeding and Rearing of Grouper for Cage/Pond Aquaculture Activities to Enhance the Income Sources of Residents in Kampung Matang, Kuching



This project addresses issues in the commercial production of grouper fish. The difficulty in getting consistent grouper egg restricts commercial farming, which is further complicated by poor handling, resulting in high mortality rates throughout breeding. To address these challenges, this project aimed at breeding and farming grouper from it natural sources.

This project contributes to fishermen's aquaculture production, generating income for the target group. It enables fishermen to continue farming and selling grouper fry during the monsoon season. Moreover, the acquired knowledge and expertise in grouper breeding not only improve the quality of care and management for the market but also address high mortality rates during the rearing phase, promising a positive impact on the community.

Beneficiaries

4 participants (The locals and fishing community of Kampung Tanjung Bang, Matang

Timeline

1-Mac -2022 - 31-Aug-2023



CREAMMS_22: Creating A Malaria-Mindful Society



Malaria Prevention Partners (Rakan Pencegah Malaria) is a pilot programme aimed at empowering local community members to protect their communities against zoonotic malaria. This project aims to improve awareness on zoonotic malaria among the high-risk groups in Kapit division and their practices on the prevention of the disease. Knowledge of zoonotic malaria will be assessed in the community of selected longhouses with history of malaria, and health educational activities will be conducted to enhance their practices in the prevention of the disease. Empowering them through education that combines gamification and playful approach of learning is proposed to expand the community engagement and awareness on zoonotic malaria.

Among the impact of this program are increased awareness and motivation among longhouse residents, including female members of the longhouse, to practice methods for preventing zoonotic malaria infection.

Beneficiaries

60 longhouse members of Rumah Manok Manchal, Ulu Yong, Kapit

Timeline

15 Feb 2022 – 31 August 2023



FoYoMi: Promoting School-Based Social And Emotional Learning Among Preschoolers In Kuching Division, Sarawak.



The project aims to address the needs and unmet needs of preschool teachers for them to promote mental wellbeing among the children. It assists in the prevention of mental health and behavioural issues among preschool children. A training module and process evaluation are developed to determine its acceptability and feasibility for future use.

The module enables teachers to conduct their own training, ensuring programme sustainability and better mental health outcomes that support improved educational readiness. The objectives are to educate teachers on balanced social emotional development, provide a practical teaching module, and improve children's social emotional skills.

Beneficiaries

501 teachers from KEMAS Kuching Division

Timeline

04 Jul 2022 - 27 Oct 2023



NGAPSAYIOT: Gamification Approach Towards Sustainable Vegetable Gardening Using Internet Of Thing (IOT)



NgapSayIoT (Ngap Sayot + IoT) is inspired by the iconic Sarawak football spirit of the 1990s, symbolizing determination and excellence. Translating to “eat those vegetables,” it reflects the idea of planting, harvesting, and enjoying quality produce. NgapSayIoT is a smart gardening system integrating Internet of Things (IoT) technology to teach students how to grow, care for, and consume or sell edible vegetables sustainably. Through a gamified mobile app, students record daily tasks like watering and share their plants’ progress with others. IoT soil sensors monitor soil conditions, helping students track growth data and earn rewards for successful cultivation. The project promotes sustainable gardening using eco-friendly practices, focusing on the 3R principles (Reduce, Reuse, Recycle) and environmental stewardship. It also addresses soil scarcity while fostering awareness, responsibility, and hands-on learning. Ultimately, NgapSayIoT empowers schools to pioneer IoT-based gardening, cultivating sustainability-oriented mindsets among future generations.

Beneficiaries

25 participants from Kuching and Samarahan community that attended the workshop on crayfish farming

Timeline

15-Feb-2022 - 31-Aug-2023



Asasi Farmtastic



ASASI FARMTASTIC is a multicultural agriculture project that applies the concept of an on-campus garden to be carried out at the Pre-University Study Center (PPPU). Targeting PPPU staff and students, the project aims to foster unity, strengthen bonds, and ensure the mental and physical well-being of the community in line with Sustainable Development Goal (SDG) 3 on good health and well-being. Executing the project also contributes to SDG 13 by mitigating the negative impact of greenhouse gases, combating climate change. The garden, located near the kompleks Asasi Pra-Universiti (KAPU), serves as a recreational area and an educational site, cultivating corn, chili, and eggplants using fertigation, alongside beekeeping for honey production. Harvests are sold directly from the garden, ensuring freshness, with surplus shared among the campus community.

The project's impact spans across social, environmental, and economic aspects. Socially, it ensures campus health and safety, fosters unity, and promotes knowledge sharing. Environmentally, it preserves ecosystems, optimizes space usage, minimizes greenhouse gas impact, and provides fresh air. Economically, it generates income for sustainable plant projects, fostering long-term viability.

Beneficiaries

Campus residents (PPPU Staff and Students)

Timeline

01-Jul-2022 - 30-Jun-2024



The Science Avenger: Terapan Atribut Sedia Masa Depan Dalam Pendidikan Stem Berdasarkan Alam Semulajadi



The "Science Avenger" project took place on November 30, 2022, at the UNIMAS Real Living Lab and the Faculty of Science and Resource Technology. The Science Avenger is a project to identify Scientist heroes (upper secondary school) who can restore the glory of science among school and university students, thereby increasing interest in the field of science and providing a sufficient pool of scientists to provide a workforce for the state government in the digital economy, the sustainable development of Sarawak's natural resources, and other STEM fields as the world transitions into the era of IR4.0. This Hero Avenger Science receives science skills and concepts training (Ask, Relate, Learn, Reflect) from university lecturers and students at the Real Living Lab UNIMAS. The program's highlight is the awarding of The Science Avenger status to students who successfully complete the training.

Beneficiaries

30 students and 6 accompanying teachers from SMK Tun Abdul Razak, SMK Tabuan Jaya, SMK Kota Samarahan, SMK Muara Tuang, and SMK Sadong Jaya

Timeline

21-Sep-2022 - 20-Sep-2023



Anti-Fermentation Agent for Nipa Sap



The project addresses the short shelf life of palm sap (Apong) due to rapid fermentation, causing significant losses for Apong entrepreneurs. Introducing an innovative solution, through this project, the team created anti-fermentation pills extending the sap's fermentation process to over 20 hours. Cost-effective and user-friendly, this innovation enriches and expands the traditionally processed Apong industry, turning it into a more commercially viable venture. The anti-fermentation product, safe for consumption, promises enhanced productivity for Apong entrepreneurs, fostering rapid industry growth. The distribution of this product across Sarawak aims to uplift B40 communities, empowering them economically and potentially diversifying into cosmetic, pharmaceutical, and food industries.

This project able to improve the economic status of the community, especially among B40 group, and subsequently be able to diversify the products of the village towards the production of products that can penetrate local and global market. Small and traditional industries will be modernized with this latest innovation.

Beneficiaries

6 families of nipah sap producer from the community of Kampung Pinggan Jaya, Kampung Tambak and Koperasi Masjid Darul Ulum Kalok Betong Berhad

Timeline

01-Jun-2022 - 15-Dec-2023

Al-Abyad Mosque Sustainable Community Garden



This project expands the mosque's role beyond worship, fostering community engagement, particularly among Al-Abyad Mosque congregants. It educates the local community on urban farming and domestic solid waste management, creating awareness through knowledge-sharing sessions with experts from UNIMAS and agricultural officers. The objectives include transforming the mosque into a sustainable community hub, implementing shared knowledge on urban farming and waste management, and enhancing Al-Abyad Mosque's landscape with systematic planting and attractive plant labeling. The project aims to strengthen community bonds, promote sustainable practices, and beautify the mosque surroundings.

The project has proven to be beneficial to the community who are actively involved in the project. This is a platform for them to spend their Sunday morning relaxing their mind while attending the garden. Besides, it becomes a therapeutic activity for them.

Beneficiaries

30 members Matang Jaya community and the qariah of Masjid Al-Abyad.

Timeline

01-Jul-2022-30-Jun-2023



**SERVICE
LEARNING
MALAYSIA-
UNIVERSITY
FOR SOCIETY
(SULAM)**

Fluent Today, Prepared Tomorrow

Faculty of Education, Language and Communication



Many students struggle with language proficiency, impacting their communication, comprehension, and academic performance. The increasing influence of digital media further challenges language and media use, with declining student interest in language learning and media literacy. This community engagement initiative, led by UNIMAS students (Bachelor of Arts in Global Communication) in partnership with two schools in Serian, Sarawak, focuses on enhancing students' language skills and media literacy to prepare them for the digital age.

This community engagement initiative at primary schools fosters a transformative environment where students gain enhanced language skills, a vibrant library, and improved resources, while also developing confidence, cultural appreciation, teamwork, and community ownership. It nurtures lifelong learning, environmental consciousness, and personal growth, shaping engaged individuals for holistic development and future success.

Beneficiaries

220 students of two primary schools in Serian.

Timeline

20-Nov-2023



Ache No More: Overcoming Pain and Building Strength

Faculty of Medicine and Health Sciences



This project involves student-led efforts to educate villagers about Arthritis. Renowned rehabilitation doctor Dr. Chai is invited to deliver a detailed talk and offer consultations. Students also develop educational materials to raise awareness about the importance of seeking proper medical care. The initiative not only equips students with valuable leadership and communication skills but also empowers them to make a meaningful impact on the community's health awareness. In the short term, the project increases knowledge about disease causes and available preventive measures. In the medium term, it encourages healthier practices such as balanced diets, avoiding tobacco, and regular health screenings. In the long term, it promotes better medication compliance and routine check-ups for those diagnosed with diseases, while helping healthy individuals maintain their well-being and avoid future health complications.

Beneficiaries

142 students and community of Kampung Tanjung Tuang

Timeline

18-Apr-2023 - 31-Aug-2023





The "Ibu Bapa Cakna, Anak Berjaya" program aims to raise awareness about the crucial role of education and parenting knowledge in developing adolescents for a better future. Tailored activities are designed to introduce the community to the benefits of education and parenting, transforming their perspectives on the topics. Focused on the challenges faced by the Kampung Telaga Air residents, particularly the reluctance of some parents to prioritize education over family businesses, the program addresses issues like school dropout rates. It aims to assist parents and youth in planning a more promising future, tackling social issues like drug abuse and theft prevalent in the community.

This project is able to enhance the residents' quality of life in Kampung Telaga Air. By promoting awareness of educational access and parenting knowledge, the project aims to uplift the community's psychosocial well-being. The project impact extends beyond material aspects, fostering a balanced and improved quality of life.

Beneficiaries

The community of

- Telaga Air
- Sibulaut
- Sri Bandung
- Kampung Jaya Bakti
- Sungai Agas

Timeline

08-May-2023 - 01-Jul-2023



Archaeology is a relatively unknown field of study in the country. Based on a needs assessment survey that was conducted online at the beginning of the semester, it is recognised that there are certain archaeological knowledge or information that the general public would like to receive. To address this need, the students of SSF2193 Introduction to Borneo Archaeology at FSSH, UNIMAS will be initiating a series of efforts to increase the public awareness of archaeology. A further aim of the project is to highlight the relevance of archaeology in addressing modern-day issues and concerns. The activities of the project includes the organization workshop that will provide various archaeology-related information. The project's targeted audience will be the general public reside the archaeological site. It is hoped that this programme would spur interest in Archaeology and contribute towards the development of archaeological studies in Sarawak, and Borneo in general. **IMPACT**

The webinar "Valuing and Educating on Archaeological Heritage" has proven to be an important and successful initiative in raising awareness, appreciation, and preservation of our universal cultural heritage. The webinar met its major goals of teaching a broad demographic about the importance of archaeological heritage and instilling a sense of responsibility for its preservation through a well-planned programme and entertaining format

Beneficiaries

100-500 people

Timeline

24 March - 23 Jun 2023

Local Cultural Preservation Project in Kampung Mongkos, Serian

Faculty of Language and Communication



The majority of today's youth are unaware of and unfamiliar with their society's traditional culture. The younger generation's lack of knowledge and understanding of traditional culture would pose a risk and threat to the society, resulting in the loss of its unique cultural identity. As a result, efforts must be made to document a society's traditional socio-culture in order to ensure the sustainability and survival of the traditional culture, as well as to re-popularize the practice of the traditional culture among the younger generation in this day and age.

The documentaries created by students serve as records for the Bidayuh community, accessible at any time. These online documentaries, part of the project's objective to preserve and disseminate cultural information, are publicly available. This project has raised awareness among the villagers, particularly the younger generation (those between the ages of 25 and 30), highlighting how important it is to value and preserve each their community's language and culture.

Beneficiaries

- 1207 Community member of Kampung Mongkos
- 102 UNIMAS Students

Timeline

20-Mar-2023 - 09-Jul-2023



Youth Empowerment: Financial Literacy (G01), Money Matters: Investing for Future (G02)

Faculty of Economics & Business



The program aims to empower young individuals with essential financial knowledge and skills. Through tailored curriculum and practical workshops, participants gain understanding of responsible financial decision-making, budgeting, saving, and informed investment strategies, equipping them with the tools necessary to secure their financial future.

Students experience increased responsibility and gain a deeper understanding of how their financial decisions can impact their long-term lives, while also learning budgeting, saving, informed investment decision-making, and effective debt management skills, aligning with their financial goals and values through comprehensive and relevant financial education provided by the project.

Beneficiaries

- UNIMAS students (160)
- Students from SMK Kota Samarahan
- Students from Kolej Datu Patinggi Haji Abdillah

Timeline

13-Apr-2023 to 31-Jul-2023

Sustainable Plastic waste Management in Rural Kapit

Faculty of Social Sciences & Humanities



In rural Kapit, waste management is an issue characterized by mismanaged of plastic waste and irregular waste collection schedules. Oftentimes, the community conveniently discards domestic waste into the river. This has led to water pollution and has harmed aquatic lives, particularly when plastic waste is washed into the sea. There is a need to create awareness among the communities about the possibility of upcycling plastic waste into something useful and practical. For example, plastic bottles can be used for gardening and plastic wrappers can be turned into ecobricks to build furniture.

This program create awareness among the community about alternative ways that are more sustainable to manage plastic waste. The community practices reusing or upcycling of plastic bottles decreasing the plastic disposal to the landfill.

Beneficiaries

7 longhouses in Ulu Yong, Kapit. Estimated about 14 - 25 participants from each longhouse depending on the longhouse. Shorter longhouses may have 14 participants while the longhouses with more bilek have 25 participants.

Timeline

12-Apr-2023 - 12-May-2023

The Beauty of Mangrove

Faculty of Economics & Business



This project focuses on conserving the mangrove ecosystem and promoting it as an eco-tourism product. Mangroves protect coastlines, prevent erosion, and serve as breeding grounds for aquatic life. However, pollution has harmed these ecosystems, especially fish habitats. This project involves local communities in Pontianak, with students from Tanjung Pura University and relevant agencies, to raise awareness on mangrove conservation. Mempawah and Wisata Mangroves were selected for their tourism potential. Issues found include plastic waste, erosion, and low awareness. The project aims to reduce pollution, boost knowledge on conservation, and strengthen ties between UNIMAS, Tanjung Pura University, and related bodies.

Among the impact are reduced in mangrove pollution, and increased in awareness and knowledge on conservation and the importance of keeping a healthy mangrove ecosystem. It is also strengthen the global relationship between UNIMAS, Tanjung Pura University, and other related agencies to maximize conservation efforts

Beneficiaries

50-60 community participants at Mempawah and Telok Kupah Mangroves areas

Timeline

10-Apr-2023 - 10-Jul-2023

FCSIT-Service Learning Projects

Faculty of Computer Science and Information Technology



In TMF4034 Technopreneurship and Product Development, students learn about social enterprise, business models, and marketing while applying knowledge through Service Learning to address community needs and explore technopreneurship opportunities.

Participants from an NGO successfully created their own publicity video after attending a video editing workshop, reducing publicity costs by producing videos in-house. Similarly, students from a school learned to design posters through a Canva workshop, enabling them to assist the school in creating promotional materials using the skills they gained.

Beneficiaries

65 students from 10 schools which includes :

- SK Tupong
- SK Sejijak
- SAINSKu
- SK Jots
- SK Jln Arang
- SK Muhibbah
- SMK Penrissen No. 1
- Rotary Club
- PEDi Semerah Padi
- PEDi Kg. Sg. Mata

Timeline

07-Jun-2023 - 02-Jul-2023

OSH Awareness Day 2023

Faculty of Social Sciences & Humanities



This project is part of the SSB3134 (Occupational Health and Safety Management). The focus is on educating and raising awareness about safety and health management through various activities, talks, demonstrations, and exhibitions during awareness week. The program's timetable is adjusted to the nature of the course and is handled by students during the program week.

Among the impact of this program are:

- Increased in public understanding of the critical nature of safety and well-being management.
- Enhanced students' ability to use critical thinking to analyze and make rational decisions.
- Development of comprehensive and capable graduates to ensure the community's sustainability.

Beneficiaries

- 79 3rd year student from Industrial Relations and Labour Studies Program, FSSH
- 2 Community target group for the project: UNIMAS Campus Community & General Public

Timeline

03-Apr-2023 - 17-Jun-2023



Child Sexual Abuse Advocacy Through Visual-storytelling

Faculty of Applied & Creative Arts



In response to the urgent need for widespread education and advocacy against child sexual abuse, this service-learning project exposed animation students to apply their skills and creativity towards a significant social cause. Titled "Child Sexual Abuse Advocacy Through Visual Storytelling," this initiative is designed to harness the power of animation to inform, educate, and provoke action within communities on the sensitive topic of child sexual abuse.

Beneficiaries

631 participants

Timeline

25-Mar-2024 - 30-Jun-2024



Money Matters: Building Wealth for Future's Leaders and Youth Are Future: Money Mastery

Faculty of Economics & Business



This project aims to empower school students with essential financial literacy skills and habits to build future wealth. Conducted at SMK Penrissen No.1 (G01) and SMK Wira Penrissen (G02) in Sarawak, it targets students from diverse socioeconomic backgrounds to address disparities in financial education. Recognizing the lack of knowledge in budgeting, saving, and debt management, the project offers engaging, interactive lessons and resources. It also bridges gaps in school curricula by providing workshops and tailored materials. Overall, the initiative seeks to equip students with the knowledge and tools needed to make informed financial decisions and achieve long-term economic well-being.

Beneficiaries

- 77 students from SMK Penrissen
- 71 students from SMK Wira Penrissen

Timeline

15 - 20 May 2024



Mindful Minds: Mental Health and Well Being

Faculty of Medicine and Health Sciences



The family structure plays a vital role in individual and community health, influencing emotional, physical, and social well-being throughout life stages. Health issues vary by age and relationships, with families of chronically ill members facing added burdens. Health systems must address the unique needs of families through care and prevention. This semester, students plan and implement a community health promotion project to educate foster families about mental health, including its risks, complications, and prevention. Activities such as talks, slides, and infographics are used. The project enhances community awareness while providing students with practical experience and fulfilling project-based learning goals.

Beneficiaries

Approximately 40 foster families

Timeline

01-Apr-2024 - 15-Sep-2024



Valuing and Educating On Archaeological Heritage

Faculty of Social Sciences & Humanities



Archaeology is a relatively unknown field of study in the country. Based on a needs assessment survey that was conducted online at the beginning of the semester, it is recognised that there are certain archaeological knowledge or information that the general public would like to receive. To address this need, the students of SSF2193 Introduction to Borneo Archaeology at FSSH, UNIMAS will be initiating a series of efforts to increase the public awareness of archaeology. A further aim of the project is to highlight the relevance of archaeology in addressing modern-day issues and concerns. The project will be supervised by the course instructor, Dr. Nur Auni Binti Ugong and will take place in the months of May and June 2024. The activities of the project includes the organization workshop that will provide various archaeology-related information. The project's targeted audience will be the general public reside the archaeological site. It is hoped that this programme would spur interest in Archaeology and contribute towards the development of archaeological studies in Sarawak, and Borneo in general.

Beneficiaries

200

Timeline

22-Mar-2024 - 23-Jun-2024



EMPOWER18: Shaping Tomorrow's Democracy Today

Faculty of Social Sciences & Humanities



As we stand on the cusp of change with the impending implementation of Undi18, lowering the voting age from 21 to 18, it is imperative to empower our youth with the knowledge and tools necessary to engage actively in the democratic process. With this in mind, we propose a community engagement program targeted at secondary students aged 17 (Form 5) at SMK Penrissen Kuching. This initiative aims to raise awareness about the significance of voting and active participation in our country's electoral process.

Beneficiaries

79 students

Timeline

22-Mar-2024 - 01-Jul-2024



Empowering School Students for IT Innovation Project Via Service Learning

Faculty of Computer Science and Information Technology



Service Learning involves students in community service activities and applies the experience to personal and academic development. In the Faculty of Computer Science and IT (FCSIT) (UNIMAS), students and local communities work together and engage in knowledge sharing which benefits all. This gives students' experiential opportunities to learn in real world contexts and develop skills of community engagement, while providing local communities opportunities to address significant needs. Communities can solve local problems with the help of students and students can improve their social skills and analytical abilities. The communities involved are either from schools, villages and organisations.

This pedagogy of service learning may provide the experience necessary to increase competencies, become more familiar with the work environment, and create realistic expectations of the field.

Beneficiaries

10 communities (primary schools, approximately 150 students)

Timeline

02-Apr-2024- 28-Jul-2024



There is ‘Us’ In Sustainability” and “Creating Health Habits: Sustainable Lifestyle Changes For Long Term Well-Being”

Faculty of Social Sciences & Humanities



Project 1 – IR Prihatin Community Service

The IR Prihatin Project, themed “There Is ‘Us’ in Sustainability”, is part of the SSA3234 Politics of the Developing World course. It aims to build civic awareness and social responsibility while supporting the UN’s SDGs. Project 1 focuses on environmental and health awareness in Kampung Telok Serabang, Lundu, while Project 2 promotes education and mental health at SMK Lingga, Sri Aman.

Project 2 – Creating Healthy Habits

Held on 7–8 June 2024, the “Creating Healthy Habits: Sustainable Lifestyle Changes for Long-Term Well-Being” program involves UNIMAS students and Form 4 students from SMK Lingga in various engaging activities such as mental health talks, poster design, treasure hunts, and “Si Ratu Hati,” promoting healthy and sustainable living.

Beneficiaries

- Project 1 - 30 people
- Project 2 - 77 people

Timeline

02-May-2024 - 08-Jun-2024



Construction of Solar Powered Lighting At Kampung Sungai Putin, Asajaya

Faculty of Built Environment



A few sets of solar panel lamp posts will be constructed at various locations in the village. A knowledge sharing session will also be conducted with the community at Kampung Putin at the end of project completion. In return, UNIMAS students involved with the SULAM are required to spend a night at the villager as “program anak angkat Kampung Sungai Putin” held by the Kampung Sungai Putin Committee as it has been done in previous SULAM program here.

It is hoped this SULAM project conducted by FBE, will help the UNIMAS in its community outreach program in Sarawak, Strengthen the bond between UNIMAS and the community and also set as a platform for the FBE students to be involve in experience learning education.

Beneficiaries

50 representatives from Kampung Sungai Putin, Asajaya

Timeline

03-Jul-2024 - 08-Aug-2024



Threads of Care Art Event Management

Faculty of Applied & Creative Arts



The proposed project aims to foster meaningful connections between students and elderly residents at Rumah Seri Kenangan through a community-based initiative centered around culinary heritage. With the majority of residents aged 60 years and above, this project seeks to create memorable experiences that celebrate their wisdom and cultural heritage while addressing social engagement and intergenerational interaction.

Beneficiaries

100 Elders at Rumah Seri Kenangan

Timeline

18-Mar-2024 - 14-Jul-2024



Musical Composition and Recording: Child Abuse Advocacy

Faculty of Applied & Creative Arts



The composition of the music theme song called "Courage in Small Voices" is being produced in music form, allowing students to use their imaginations to convey the message through song. Through the use of a theme song, this project seeks to raise community awareness and educate people about child abuse advocacy.

Beneficiaries

631 public audience

Timeline

20-May-2024 - 23-Jun-2024



Secret Survivor: An awareness on child sexual abuse

Faculty of Applied & Creative Arts



The theatre "Secret Survivor" is an advocacy that uses theatrical performances to raise awareness about child sexual abuse, promote prevention, support survivors, and advocate for policies and laws that protect children from such abuse. This approach combines the power of storytelling, drama, and personal narratives to engage audiences, evoke empathy, and stimulate discussions around the issue. SULAM students from Animation and Music program are close collaborators in this theatre project contributing accordingly based on their respective expertise.

Beneficiaries

631 public audience

Timeline

20-May-2024 - 23-Jun-2024



HRD Giving Back Through Project Management

Faculty of Cognitive Sciences and Human Development



In this community project, students will engage in a comprehensive needs analysis to identify the specific challenges faced by a chosen community. Based on their findings, they will collaboratively design and implement a program focused on human capital development, encompassing areas such as education, skills training, and entrepreneurship. Through stakeholder engagement and continuous monitoring, students will ensure the program's alignment with community goals and its effectiveness in addressing identified needs. At the conclusion of the project, students will assess the impact of their initiatives on the community, reflecting on their experiences and fostering personal growth as future project managers committed to social responsibility and community development.

Beneficiaries

60 (30 from Kampung Tanjung Bundong and Kampung Sungai Du'uh each)

Timeline

26-Mar-2024 - 30-Jun-2024

Sustainable Plastic Waste Management in Sebuyau

Faculty of Social Sciences & Humanities



In Sarawak places like Sebuyau, waste management is an issue characterized by mismanaged plastic waste and irregular waste collection schedules. Oftentimes, the community conveniently discards domestic waste into the river. This has led to water pollution and has harmed aquatic lives, particularly when plastic waste is washed into the sea.

Beneficiaries

Communities from 4 longhouses in Sebuyau, namely Kampung Sungai Nyamuk, Kampung Entangor, Kampung Belimbing Besi and Kampung Lunying. During the day of the SULAM project, there were about 20 -30 participants from each kampung.

Timeline

03-Nov-2023 - 01-Dec-2023



STT 3063 Community Service

Faculty of Resource Science and Technology



Students will work in groups to provide community service related to crop management. Each group will be assigned to a community growing a specific crop and must prepare a questionnaire to gather information about the village, its people, and the crop planted. The aim is to explore general issues and identify one main problem faced by the community in crop plantation or management. Groups will then propose suitable strategies to address the identified issue. A final report must include an introduction, background of the village and crop, data analysis with visuals, methods used, proposed solutions, and a conclusion summarizing lessons learned and recommendations for improvement.

Beneficiaries

Students and the community member

Timeline

09-Nov-2023 - 31-Dec-2023



Community Art Workshop

Faculty of Applied & Creative Arts



Community Art Workshop (CAW) offers targeted community (adolescents/youths) an opportunity to create art and build self-esteem. CAW will be executed with the implementation of a co-creation method that emphasizes a collaborative initiative between students and the community to enabling the joint design/production of artwork. The CAW activities of artistic excellence are expected to contribute to its vibrancy and participants' well-being.

Beneficiaries

28 people from Kampung Tambirat

Timeline

31-Oct-2023 - 29-Jan-2024



Service Learning in Small-Medium Enterprises Involved in Animal Husbandry

Faculty of Resource Science and Technology



The animal husbandry industry in the state mainly consists of small and medium enterprises (SMEs) facing challenges such as competition from imported products, disease outbreaks, climate changes, and management issues. Local breeds are prone to infections, and despite ongoing research, effective treatment adoption remains slow. Prolonged droughts have further affected livestock and aquaculture productivity. Demand for animal products is also seasonal, increasing mainly during festivals like Hari Raya Korban and Chinese New Year. This project aims to explore how UNIMAS undergraduates can support SME owners through technical assistance and innovative ideas to improve production efficiency and sustainability in the local animal husbandry industry.

Beneficiaries

Among the beneficiaries were :

1. Satoyama Farm Sdn. Bhd.
2. GSL Farming Sdn. Bhd.
3. Puri Johan Aquaculture Sdn Bhd.
4. PNK Satang Biru
5. Sabuku Farm
6. Syarikat Maju Albarakah
7. Niranur Agro Farm Sdn Bhd.
8. KLB Garden Sdn Bhd.
9. Nuet Puyuh
11. PPES Ternak Sdn Bhd.

Timeline

22-Feb-2024 - 21-Jan-2024

Traditional Knowledge and Sustainable

Faculty of Cognitive Sciences and Human Development



The KMK 3163 Project Management coursework is carried out in every 1st semester by Year 3 students of the Cognitive Science Program. Students will be assigned to complete a group project, which is a project that meets the requirements of SULAM.

In semester 1 2023/2024, the theme for this project assignment is “Traditional Knowledge & Sustainable” where students need to identify the local community, make a brief assessment of the community's needs, hold an awareness session and the importance of managing “traditional knowledge” to the community. At the end of the course, students together with the community will prepare a simple solution in preserving the selected “traditional knowledge”.

Beneficiaries

110 students

Timeline

09-Oct-2023 - 21-Jan-2024

Applying Computer Science to Serve Communities: FCSIT's Service Learning Initiatives

Faculty of Computer Science and Information Technology



The Faculty of Computer Science and Information Technology (FCSIT) at UNIMAS connects students with local communities through service-learning projects. Students use their skills to solve real community problems while gaining valuable experience. In return, communities share their local knowledge and benefit from the students' contributions.

These collaborations encourage mutual learning, where students develop critical thinking, communication, and practical skills, and communities receive support in addressing local challenges. Through partnerships with schools, villages, and organizations, FCSIT promotes meaningful engagement and shared growth between the university and the community.

Beneficiaries

- 79 3rd year student from Industrial Relations and Labour Studies Program, FSSH
- 2 Community target group for the project: UNIMASian & General Public

Timeline

03-Apr-2023 - 17-Jun-2023



Hari Rukun Tetangga, Masjid Al-Malik, Taman Unigarden Daerah Kota Samarahan

Faculty of Cognitive Sciences and Human Development



The coursework KMY4053 Consumer Psychology is carried out in semester 1 by students of Year 4 of the Psychology Program. Students will be assigned to complete a group project, which is a project that meets the requirements of SULAM. In semester 1 2023/2024, the theme for this project assignment is "Neighborhood Community Development" where students need to identify the local community, conduct a brief community needs assessment, hold a Mosque Open Day and expand the involvement of vendors with investors while increasing diversity in the market. At the end of the course, students together with the community will provide a simple solution in marketing and advertising local vendors.

Beneficiaries

- 63 students and lecturers
- 100 community member

Timeline

31-Oct-2023 - 07-Jan-2024



Community Product Branding for Kampung Tambirat, Asajaya.

Faculty of Applied & Creative Arts



This Community product branding is the process of creating a distinct and recognizable brand identity for products that are produced by a specific community, often in a small town, village, or rural area. This branding strategy aims to highlight the unique characteristics, cultural heritage, and craftsmanship associated with these locally produced goods. The goal is to promote these products in a way that supports the community's economy, preserves local traditions, and attracts customers.

Beneficiaries

- 11 community from Kampung Tambirat.

Timeline

30-Oct-2023 - 29-Jan-2024



Plastic Waste Management in Kampung Bako

Faculty of Engineering



The “Plastic Waste Management in Kampung Bako” project aims to improve waste disposal practices in the community by reducing burning, littering, and overreliance on council collection. It focuses on educating residents about proper plastic waste management, promoting waste segregation at home, and transforming plastic waste into useful products. The project involves 65 first-year students divided into three groups, each handling one key activity: converting plastic into valuable items, conducting science exploration for school students, and running an adoption programme to teach waste segregation. The project runs for 14 weeks, from 9 October 2023 to 12 January 2024.

Beneficiaries

The total number of beneficiaries is 200, comprising 100 participants from the Taman Mesra Bako community, and 91 students from SMK Bako (61 students from secondary levels 2 to 4) and SK Bako (30 students from primary levels 4 and 5), along with 9 teachers (4 teachers from SMK Bako and 5 teachers from SK Bako).

Timeline

30-Oct-2023 - 12-Jan-2024



"Head, Heart and Hands to bring about change"

Faculty of Social Sciences & Humanities



The SSS3074 Field Work Practice course, offered by the Social Work Studies Programme, Faculty of Social Sciences and Humanities, is a Service-Based Learning (SBL) course mandatory for Year 3 students each semester. In Semester 2, 2023/2024, students are placed in various social welfare agencies every Thursday for one semester and are also required to attend class discussions.

As part of this course, a SULAM project titled “Head, Heart and Hands to Bring About Change” will be carried out involving all students. Based on their assessments at the agencies, students will identify problems and needs, then design and implement suitable interventions to bring positive change within the organizations and communities they serve.

Beneficiaries

Various agencies consisting of the Kota Samarahan Social Welfare Office, Rumah Seri Kenangan Kuching, Desa Bina Diri, Samarahan Rehabilitation Centre, Tunas Bakti School, Toh Puan Hajah Norkiah Children's Home, Half-way Home-Sarawak mental health Association, Hope Place Kuching, The Salvation Army Community Services, and Sarawak Society for the Deaf. 45 students registered for the SSS3074 Fieldwork Practice Course in Semester 2, 2023/2024.

Timeline

07-Jun-2023 - 02-Jul-2023



Campaign Awareness Bully And Cyberbully Among School Students

Faculty of Education, Language and Communication



Project Background: In Malaysia, bullying and cyberbully continues to cast a long shadow over the lives of children in school. The harrowing emotional, psychological, and even physical impacts of bullying resonate deeply within our communities. This project was conceived out of an unwavering commitment to addressing this issue. We seek to shed light on the dark corridors of bullying and cyberbully, nurture empathy, and instigate proactive measures to eradicate it from our midst.

"Promoting Anti-Bullying and Cyberbully Awareness" is our answer to the pressing need to tackle the menace of bullying in education institutions. By raising awareness, imparting knowledge, and fostering community engagement, we aim to create a safer, more compassionate world. Through our holistic approach, we hope to address the root causes of bullying and cyberbully and mitigate its heart-wrenching impact on individuals and society as a whole.

Beneficiaries

1. SK Madrasah Datuk Haji Abdul Kadir Hassan, Jalan Sultan Tengah, 93050 Kuching
2. Sekolah Menengah Kebangsaan Lundu, 94500, Lundu.

Timeline

16-Nov-2023 - 29-Nov-2023



Service Learning in Animal Pest Management

Faculty of Resource Science and Technology



This SULAM project aims to educate targeted communities to identify responsible pest species that might be damaging their agricultural crops or households. Animal pests commonly interfere with human interests and are often regarded as injurious or unwanted. Assisting the communities in identifying specific animal pests is important so that control management strategies can be successful. Therefore, the focus will be on direct engagement with local communities and related agencies to educate the community on the biological aspects of these animal pests and their impact on rural and urban settings. Additionally, various methods of control, including cultural, chemical, biological and mechanical approaches, will be introduced to manage the infestation of specific animal pests. Finally, integrated pest management (IPM) approach will also be highlighted.

Beneficiaries

80 people (community of Taman Mesra Bako, Kuching

Timeline

21-Jan-2024 - 22-Feb-2024



Documentary Productions on the Social Economics of Kampung Tambirat

Faculty of Applied & Creative Arts



Video media has become highly popular in the 21st century with platforms like Facebook, Instagram, TikTok, and YouTube. In Malaysia, about 80% of the population uses YouTube, showing the strong influence of video content. Beyond entertainment, videos are also powerful tools for cultural and historical documentation.

This SULAM project aims to produce short documentaries highlighting the uniqueness of Kampung Tambirat. About 50 students, guided by three instructors, will work in groups to create films focusing on different themes that reflect the village's identity. The documentaries will serve as community records and promote Kampung Tambirat's culture and heritage to a wider audience.

Beneficiaries

30 beneficiaries consist of :

- Villagers of Kampung Tambirat, Asajaya
- Heads of villagers
- Small business owners

Timeline

29-Oct-2023 - 14-Jan-2024



UNIVERSITY SOCIAL RESPONSIBILITY (USR)

Program Jom Sihat bersama FPSK, UNIMAS

Faculty of Medicine and Health Sciences



Under UNIMAS' University Social Responsibility (USR) program, this program is organized by academic staff and students from the Medicine and Nursing programs at FMHS. Lectures on Infectious Diseases, Girls and Menstruation, and Balanced Nutrition were delivered by Dr. Arlizan Baizura binti Ariffin, Ms. Amelia Mohamad, and Ms. Azylina anak Gunggu. In collaboration with Public Medicare Group (PMG), various interactive activities such as 'Hand Washing', 'How-to put-on sanitary pad', reproductive system demonstration, 'Let's Exercise', and healthy food puzzles were also conducted.

By implementing these activities in a fun and interactive way, the school communities (students and teachers) can be educated on preventive strategies in infectious disease control and on menstruation whilst they take necessary precautions. It is of utmost hope that this step can lead to a safer and healthier learning environment for everyone involved.

Beneficiaries

100 Primary school students (Year 4 and 5)

Timeline

03-Oct-2023



Juh Ecobrick! bersama Kelab PALS, SK Ulu Yong

Faculty of Social Sciences & Humanities



This project is part of the SSB3134 (Occupational Health and Safety Management). The focus is on educating and raising awareness about safety and health management through various activities, talks, demonstrations, and exhibitions during awareness week. The program's timetable is adjusted to the nature of the course and is handled by students during the program week.

Among the impact of this program are:

- Increased in public understanding of the critical nature of safety and well-being management.
- Enhanced students' ability to use critical thinking to analyze and make rational decisions.
- Development of comprehensive and capable graduates to ensure the community's sustainability.

Beneficiaries

- 79 3rd year student from Industrial Relations and Labour Studies Program, FSSH
- 2 community target group for the project: UNIMASian & General Public

Timeline

03-Apr-2023 - 17-Jun-2023



Kesihatan Mental: Mengenal dan Memahami

Faculty of Medicine and Health Sciences



The program aims to help participants, specifically clients at the Pusat Pemulihan Penagihan Narkotik (PUSPEN), to identify and understand mental health issues. Mental health varies among individuals due to personal, social, and environmental factors. Providing exposure and knowledge-sharing about mental health can reduce symptoms of mental illness. Led by FSSH administrative staff, including experts Dr. Faizah bt Hj Mas'ud and Dr. Farah Zaini, the program focuses on lectures and sharing sessions on mental health management, alongside gamification activities.

Among the impact of this program are

- Increased awareness on the importance of mental health care among participants;
- Enhanced knowledge on how to address mental health issues; and
- Encourage knowledge transfer among participants and their peers and in the future.

Beneficiaries

52 beneficiaries consist of clients and staff in PUSPEN, UNIMAS Staff and students

Timeline

10-May-2023

Lending a Heart Penan Women Community Project

Faculty of Social Sciences & Humanities



This Lending A Heart Penan Women Community Project is a project aimed at giving awareness to the public on the traditional art and culture of the Penans. It specifically promotes the artifacts of the Penan Women weavers in Ulu Baram, Miri, Sarawak. The artifacts have been transported to UNIMAS to showcase to the public. The Project Leader contacted Vivacity Management to organise a collaboration between Vivacity Management and FSSH in this awareness cum exhibition showcasing traditional weaving of Penan baskets and bags. The booth was set up 2 days in Viva City where 100 people visited, discussed and also bought the baskets. All sales were transferred to the Penan women who made these. The project Leader created awareness in educating the public on how to support the livelihood of the plight of this community in the interior of Sarawak. The project also aimed in connecting the public with the Penan Community to purchase their artifacts and give them sustainability in income generating activities.

Beneficiaries

100 people from the public visited our booth for 2 days.

Timeline

03-Jun-2023-04-Jun-2023

USR PKP @ Kampung Telok Melano, Sematan

Pusat Khidmat Pelajar



Under UNIMAS' University Social Responsibility (USR) program, this program is organized by academic staff and students from the Medicine and Nursing programs at FMHS. Lectures on Infectious Diseases, Girls and Menstruation, and Balanced Nutrition were delivered by Dr. Arlizan Baizura binti Ariffin, Ms. Amelia Mohamad, and Ms. Azylina anak Gunggu. In collaboration with Public Medicare Group (PMG), various interactive activities such as 'Hand Washing', 'How-to put-on sanitary pad', reproductive system demonstration, 'Let's Exercise', and healthy food puzzles were also conducted.

By implementing these activities in a fun and interactive way, the school communities (students and teachers) can be educated on preventive strategies in infectious disease control and on menstruation whilst they take necessary precautions. It is of utmost hope that this step can lead to a safer and healthier learning environment for everyone involved.

Beneficiaries

100 Primary school students (Year 4 and 5)

Timeline

03-Oct-2023



PROGRAM PENDAYAAN KOMUNITI @ UNIMADANI 2024

Aquasys: A Sustainable and Resilient Integrated Aquaculture System

ICreaTe



The AQUASYS project by UNIMAS aims to empower the fishermen and coastal communities of Sematan and Lundu through the implementation of a sustainable and resilient integrated aquaculture system. By combining various aquaculture components—such as fish cages, seaweed, and shellfish—this initiative promotes diversified, low-impact, and economically viable livelihoods. The project addresses social and economic challenges by increasing income opportunities, enhancing skills through training, and creating jobs related to aquaculture. Environmentally, AQUASYS supports climate resilience and reduces ecosystem degradation through resource-efficient and symbiotic practices. Governmental benefits include increased revenue, investment attraction, and alignment with national sustainability goals. The project introduces integrated aquaculture systems that leverage the strengths of different aquatic species to enhance productivity and resource efficiency. It also mitigates environmental impact by utilizing natural symbiotic relationships between species to reduce waste and enhance nutrient cycling. Strategic partners include the Department of Agriculture Sarawak and relevant ministries, supporting the broader SDG agenda.

Beneficiaries

10 members from Persatuan Nelayan Persatuan Nelayan Kawasan (PNK) Lundu & Sematan

Strategic Partners

- Persatuan Nelayan Kawasan (PNK) Lundu & Sematan
- JKKK Kampung Belungei, Lundu



News Reporting on the project



The handover ceremony

Projek Ternakan Benih Kerapu

Faculty Resource Science & Technology



The Projek Ternakan Benih Kerapu by UNIMAS adopts a focused approach on the growth phase of grouper aquaculture, offering a low-cost, high-return model with immediate positive impact on the community. Proven in earlier projects with income increases of up to RM1,500/month, this initiative leverages past success and SWOT analysis tailored to the species' needs. The project's effectiveness is supported by intellectual property registration, and it aims to reduce operational costs through streamlined production and efficient practices without compromising fish health or quality. Emphasis on the growth phase accelerates returns and enhances the sustainability of marine aquaculture. Targeting the B40 fishing community of Kg. Tanjung Bang, Matang, the project also integrates smart sensors for monitoring water quality and fish health. It contributes to income generation, job creation, and sustainable resource use while aligning with SDGs. Strategic partners include JKKK, PNK Sri Muara, Rambungan Aquaculture Farm, and the Department of Fisheries Sarawak.

Beneficiaries

30 members from Persatuan Nelayan Persatuan Nelayan Kawasan (PNK) Lundu & Sematan

Strategic Partners

- Persatuan Nelayan Kawasan (PNK) Lundu & Sematan
- JKKK Kg. Tanah Hitam, Sematan
- Rambungan Aquaculture Sdn. Bhd.



Projek Teknologi Akuaponik (Tek-Ak) UNIMAS – Kampung Rantau Dilang, Kanowit

Faculty of Resource Science & Technology



The UNIMAS Aquaponics Technology Project (Tek-Ak) – Kampung Rantau Dilang, Kanowit aims to support the local community, which is located far from the nearest town, by enabling them to produce food such as fish and vegetables for their own use and additional income. Running from May to November 2024, the UNIMAS team will introduce and train villagers in aquaponics technology, which combines tilapia fish farming and vegetable cultivation in a serial system. This knowledge transfer initiative is designed to be self-sustaining after the mentoring period. It has the potential to improve the quality of life, skills, and income of the local community, aligning with the goals of the Sustainable Development Goals (SDGs). The aquaponics system applies environmentally friendly green technology. The project also contributes positively to government efforts through a sustainable model with no ongoing cost. The estimated total project cost is RM50,000. The project is led by Assoc. Prof. Dr. Micky Vincent with other UNIMAS lecturers.

Beneficiaries

40 community member from Kg. Rantau Dilang

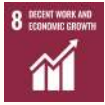
Strategic Partners

JKKK Kampung Rantau Dilang



Projek Ternakan Ikan Hiasan dan Penanaman Tumbuhan Hiasan di Kampung Sungai Putin, Asajaya

Faculty of Built Environment



This project by Universiti Malaysia Sarawak (UNIMAS) involves knowledge sharing and technology transfer related to ornamental fish farming and high-value ornamental plant cultivation for the community in Kampung Sungai Putin, Asajaya. The village, located about 63km from Kuching, consists mainly of retired civil servants, including former teachers and army personnel. The project aims to generate additional income and serve as a small-scale economic model for other rural communities. Target groups include youth, women, and retirees interested in participating. Fish species such as betta, guppy, and goldfish, and plants like orchids will be bred and cultivated. The project is expected to increase awareness of flora and fauna, encourage environmental sustainability, and support national goals such as SDG2030, the Madani Economic Framework, and PCDS 2030. It also holds potential to evolve into a TVET programme or short-term skill training, promoting rural entrepreneurship in Sarawak's ornamental fish and plant industry

Beneficiaries

25 community members of Kampung Sg. Putin

Strategic Partners

- JKKK Kampung Sungai Putin, Asajaya
- Borneo Nature Aquarium
- Jabatan Hutan Sarawak



Kraf Bagiau – Kelestarian Kraft Buluh Engkalat di Nanga Tekalit, Tatau, Bintulu

Faculty of Applied and Creative Arts



The project aims to sustain the traditional craft of Engkalat bamboo weaving in Kampung Nanga Tekalit, Tatau, Bintulu, with three main objectives: 1) Empowering local artisans through training in traditional bamboo crafts, ensuring the transfer of skills and knowledge to innovative, contemporary designs. 2) Creating a sustainable market network for Engkalat bamboo craft products, connecting local artisans to regional markets through branding, labeling, and advertising. 3) Implementing sustainable harvesting and management practices for Engkalat bamboo, with a focus on biodiversity conservation and ecosystem preservation. The project targets the Iban community in five longhouses in Nanga Tekalit, aiming to revive traditional crafts and offer economic opportunities to locals. The project also seeks to preserve cultural identity and improve livelihoods by introducing contemporary craft designs suitable for urban markets, promoting both economic and environmental sustainability.

Beneficiaries

30 community members from Kg Nanga Tekalit

Strategic Partners

- JKKK Nanga Tekalit, Tatau Bintulu



Projek Pengurusan Lepas Tuai Kopi ke Arah Pengkomersilan Produk Hiliran dan Hasilan Sampingan

Faculty of Resource Science & Technology



The objective of this project is to transform the knowledge of post-harvest management of Liberica coffee in the Sebob community in Long Selapaun, Ulu Tinjar, Sarawak. The two main objectives are: i) to impart knowledge about post-harvest management and coffee by-products, and ii) to prepare the community for sustainable economic development through the commercialization of coffee products and by-products. The Sebob ethnic group, a minority indigenous group in Sarawak, has been involved in coffee cultivation since the 1940s but lacked consistent guidance. In 2019, the community resumed coffee cultivation as an alternative income source. Working with coffee industry partners and the university, Liberica coffee was selected due to its adaptability to the local climate. In addition to coffee beans, by-products like coffee skin tea and organic compost have been developed and patented. However, there is no specific training in post-harvest management for the community, which is crucial as the coffee plants are beginning to bear fruit.

Beneficiaries

95 members from Kampung Long Selapun, Ulu Tinjar, Baram, Sarawak

Strategic Partners

- Komuniti Kampung Long Selapun, Ulu Tinjar, Baram, Sarawak
- Koperasi Usahawan Kopi Borneo Berhad
- Rekajaya Plantation Sdn. Bhd.



Empowering Through Gardening

Faculty of Social Science and Humanities



The project, “Empowering through Gardening,” was successfully implemented at Halfway Home under the Sarawak Mental Health Association, a non-governmental organization (NGO) dedicated to promoting mental health and community well-being. Halfway Home provides shelter for individuals undergoing rehabilitation who have been rejected by their families or communities due to stigma. Some residents, despite efforts to find work, face significant challenges due to societal discrimination. The project successfully: 1) empowered residents through active involvement in gardening activities, 2) generated income from the sale of produce, demonstrating their abilities and contributions, 3) helped reduce stigma and discrimination against individuals with mental health issues, and 4) supported their inclusion in society. The residents and staff at Halfway Home were the target group and primary implementers of the project, with active participation from both in ensuring its success.

Beneficiaries

10 residents from Halfway Home

Strategic Partners

- Halfway Home



HapusMalaria: Memperkasakan Masyarakat di Kawasan Berisiko Tinggi Dalam Penghapusan Malaria Zoonotik

Faculty of Medicine and Health Sciences



The project, “HapusMalaria: Memperkasakan Masyarakat di Kawasan Berisiko Tinggi Dalam Penghapusan Malaria Zoonotik,” has been successfully completed in high-risk malaria areas in Malaysia, particularly in Kapit District, Sarawak. The project aimed to empower the local community by enhancing awareness, knowledge, attitudes, and prevention behaviors related to zoonotic malaria. It employed an innovative gamification approach, which effectively engaged community members across all age groups. The use of this method improved their understanding of malaria transmission and prevention. As a result, the community was more proactive in seeking treatment and reducing the spread of malaria zoonotik. The project also contributed to the local economy by potentially boosting eco-tourism in Kapit as malaria cases decreased, creating a more attractive and safer environment for visitors. Additionally, the project’s success in community engagement and education laid the foundation for sustainable malaria prevention efforts and empowered the local population to independently address malaria-related issues in the future.

Beneficiaries

70 community members

Strategic Partners

- Jabatan Kesihatan Negeri Sarawak
- Rh William Ubu, Sg Sut
- Rh Sigat anak Untam, Telok Gimang, Balleh
- Rh Jawa, Nanga Sangin, Sg Amang



Literasi dan Kelestarian Kesehatan Mental untuk Remaja Luar Bandar

Faculty of Cognitive Sciences and Human Development



This project aims to raise awareness among rural youth about the importance of mental health, which should be prioritized just like physical health. The selected community will be introduced to mental health through literacy and psychoeducation, self-assessment, symptom management of mental health disorders through art therapy, and the application of resilience-building strategies. Rural communities with household incomes below RM1500 are reported to experience mental health issues but face challenges accessing psycho-emotional support due to distance and stigma. This project is expected to help rural youth assess their mental health and receive early psychological support. Through this program, rural youth can empower themselves with effective resilience strategies to become mentally well-rounded individuals. The program also positively impacts the government by reducing the burden on the public health ecosystem and improving the overall economic well-being of rural communities.

Beneficiaries

60 participants among youths

Strategic Partners

- Pejabat Residen Bahagian Samarahan
- Pejabat Daerah Simunjan
- Majlis Daerah Simunjan



STEM Kitz2Create

Faculty of Engineering



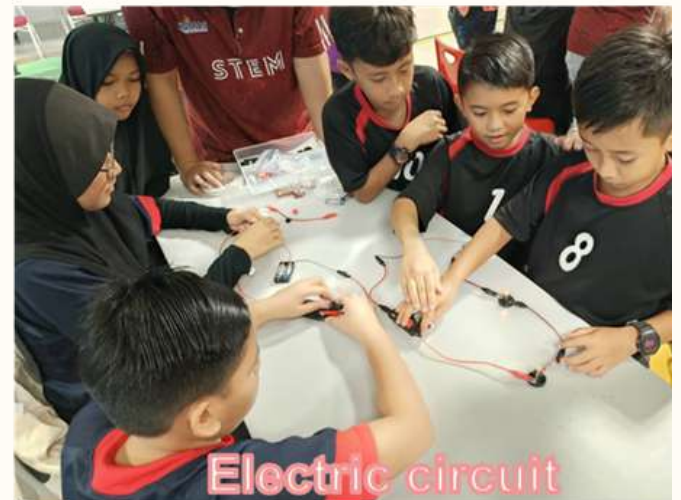
The STEM Kitz2Create project aims to provide exposure and access to STEM learning activities and materials for rural primary school students around Kota Samarahan, Sarawak. Despite being surrounded by institutions such as UNIMAS, UiTM, and IPGKTAR, many rural primary schools in the area still face limited access to STEM education. This issue is inconsistent with Malaysia's long-term educational goals, which target 60% of students entering the STEM stream at the secondary level, and contradicts the Madani Education Policy, particularly the focus on equal access to education. To address this, the STEM Kitz2Create project is introduced to offer STEM exposure and support classroom learning based on the Kurikulum Standard Sekolah Rendah (KSSR). The project also aims to inspire interest in STEM fields, enhance critical thinking, and support UNIMAS' role as a community-driven university, benefiting both students and local communities.

Beneficiaries

63 primary school children from 7 schools around Samarahan

Strategic Partners

- Jabatan Pendidikan Negeri Sarawak (JPNS)
- Pejabat Pendidikan Daerah (PPD) Kota Samarahan
- National STEM Association (NSA)



COMMUNITY- RESILIENCE EXPERIENTIAL LEARNING (CARE)

Dengue Prevention and Control Project

Faculty of Social Sciences & Humanities



The SSS2033 – Social Work Theory & Method course offered by the Social Work Program at the Faculty of Social Sciences and Humanities is based on the concept of experiential learning. In Semester 1 - Session 2023/2024, a community project titled “Dengue Prevention and Control Project” will be carried out around the Kuching area which recorded the highest number of dengue fever cases. This project also involves collaboration between Mercy Malaysia and 2nd year Social Work students who registered for this course.

Beneficiaries

25-30 People around the village in Kuching

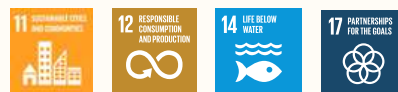
Timeline

24-Oct-2024 - 17-Dec-2024



Reduce Plastic. Make Fantastic Ecobricks!

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Single-use plastic waste remains a global issue that must be addressed across all levels of society. In Malaysia, recycling mainly focuses on certain plastics like PET, HDPE, and PP, while plastic wrappers continue to fill landfills. A simple and practical solution is to repurpose these plastics into ecobricks—plastic bottles filled with clean, dry plastic waste that can be turned into furniture or building materials.

This CARE project involves students from the SSR2023 course working with five secondary schools in Kota Samarahan to create ecobricks and transform them into furniture. The project is conducted in collaboration with NREB and Kelab Pencinta Alam Sekitar (PALS), promoting environmental awareness and sustainable practices.

Beneficiaries

The CARE project was done in collaboration with the Natural Resources and Environmental Board (NREB). 5 secondary schools in Kuching and Samarahan Districts. The schools are: SMK Muara Tuang, SMK Kota Samarahan, SMK Wira Penrissen, SMK Sungai Tapang and SMK Siburan. The participants are mainly members of Kelab Pencinta Alam Sekitar (PALS) sponsored by NREB. Each school is required to send 20 participants for the workshops (there were 2 workshops + 1 final competition) but we usually had more than 20 students who turned up for the workshops. Overall, the CARE project could have benefited 150 school members in total (with an average of 30 students/teachers per school).

Timeline

25-Mar-2024 - 15-Jun-2024

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