



# Futureproofing Libraries Through Digital Innovation and Sustainability

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Universiti Brunei Darussalam "Futuring Together"

## Universiti Brunei Darussalam



## **QUICK FACTS**















#### **Academic Faculties**

APB Academy of Brunel Studies FASS Faculty of Arts and Social Sciences UBDSBE UBD School of Business and Economics FOS Faculty of Science

FIT Faculty of Integrated Technologies

IPS Institute of Policy Studies

SHBIE Sultan Hassanal Bolkiah Institute of Education

PAPESB IHS PAPESB Institute of Health Sciences SDS School of Digital Science

#### Research Institutes

CAMES Centre for Advanced Material and Energy Sciences

CARe Centre for Advanced Research

IADA Institute of Applied Data and Analytics

IAS Institute of Asian Studies

IBER Institute for Biodiversity and Environmental Research

ILIA Institute for Leadership, Innovation and Advancement SOASCIS Sultan Omar All Saifuddien Centre for Islamic Studies

#### Service Faculties

Centre for Lifelong Learning Language Centre





Learner First









# Uninversiti Brunei Darussalam Library



- 47 library staff
- 1 Central Library with 500+ seats
- Systems:
   Koha,
   Digital Repository,
   Sustainability Mapping
   Guided by
   UBD Sustainability Masterplan
   2024-2030





#### PILLAR I

#### **Driving Innovation through Sustainability Research**

We're exploring cutting-edge research to add to global knowledge on sustainability, sparking innovation and creating solutions based on evidence.



#### PILLAR II

#### **Cultivating Sustainability Champions through Transformative Education**

By enhancing our curriculum and providing hands-on learning, we're arming students with the tools and perspectives to be positive changemakers.



#### PILLAR III

#### **Futuring Sustainability through Green Campus**

We're making our mark with sustainable practices in our physical space, aiming to minimise our environmental footprint and use resources wisely.



#### PILLAR IV

#### Sustainable Stewardship through Visionary Governance

We're committed to transparent and ethical practices, ensuring that sustainability is the heartbeat of UBD, and we're holding ourselves accountable.



#### PILLAR V

#### Empowering Sustainable & Resilient Communities through Engagement and Partnership

We're not keeping the goodness to ourselves. UBD is reaching out to local and global communities, teaming up for partnerships and initiatives that spread the benefits of sustainability far and wide.





# Sustainability Masterplan

Sustainability Starts Here



## **Sustainability Research (Pillar I)**





Enhanced open access through UBD Digital Repository



Exploring Al-assisted metadata automation and discovery services



Investigating research data management and preservation solutions



## UBD LIBRARY'S COMMITMENTO SUSTAINABLE DEVELOPMENT

The UBD Library is dedicated to supporting national efforts toward sustainable development



#### IANUARY 2024

At gard of this consistency, the library evided frunc's SGG Scoreboal from the Repator Waveston Brunel during its Open Day in January 2024. The event heartered a treefing on the 17 Sudainable Development Goods SGGG and provided valuable angifts into Brunel's convert program.



#### AUGUST 2024

The library has created a dedicated SDG photo space to engage the smeetisty community desiral Proba Norver 2024. This installing aims as grounds awareness and engaging participation in substances who pro-



#### USGUST 2024

In addition to the SDG photo space, the throny has also designed whee chattee spaces that recorporate entiring but suddeted books as part of the deconstant. This approach gives these materials a new purpose, while emphasizing the importance of resourcefulness, and



#### **AUGUST 2024**

ON E7th August 2504. Alting Cheff bitrarion was between to present as the "SOG Library Map of Brune Deviations" symposium, organized by the UNESS Library, with newton of our officers in attendance. The event understood our organize commitment to integrating SOS into the Williamy's resistion and estimates.









Transcriptions in EDGs pursues is graded by its national vision. Wearsons Branel 2025, where the observe opened no be endedy recognised for its advanted, highly skilled and occurreptioned people, with a highly quality of life and dynamic and exercised accountry in 2026.

(Except have to Majesty Sultan Hay Research Baltimin As Landitin Washballet, Butter and Yang Di Pietrain of Branch Districtions Symmetry Street Plant Volumes, National Bassics in 2020)







Digital Literacy Focus: Research skills workshops covering citation tools

Al readiness training for staff (Ongoing)

**Lifelong Learning Direction** 

Assistive technology for inclusive education





### **Green Initiatives:**

- LED retrofits completed (2023)
- Solar energy integration
- EV shuttle routes implemented (2024)
- Comprehensive recycling programs
- Green procurement policies

## **Digital Sustainability:**

- Paperless notification systems
- FAIR principles implementation



 Long-term digital preservation strategies

# Sustainable Stewardship (Pillar IV)

## **Smart Library Management**

- Audits
- ISO 9001:2015
- Sustainable Procurement
- Data-driven performance management
- Organizational redesign



# Community & Partnerships (Pillar V)





## Partnership Initiatives:

- Corporate Communication unit
- Planning LIS Degree partnership with Brunei Library Association (NGOs)
- Planning Borneo Libraries
   Network development

## Challenges









BUDGET CONSTRAINTS FOR TECHNOLOGY UPGRADES



UBD STRATEGIC
PLAN FOR
2025–2030
ALIGNMENT



RELEVANCY SCARE

## **Strategic Opportunities**

- Leveraging Digital Transformation
- Developing programs
   Awareness: Al, Industry 5.0
- Library Competency Assessment
- Knowledge Sharing









# **Implementation Roadmap**



## 2025

Continue AI/SDG training for library staff

Organization Restructuring

Competency Establishment

Strategic Plan Alignment



## 2026-2027

DOI/ISSN implémentation

Borneo Libraries Network partnerships

**Enhance digitization** 

Develop sustainability metrics



## **Success Indicator**

Staff digital literacy proficiency rates

Research output visibility through DOI implementation

Partnership agreements established

Sustainability benchmark achievements

# **The Path Forward**

# Libraries Connect Technology Transform Community Sustains

UTURE TOGETHOLERALISTINGUOTION CONTENT AL PLANTON ALCOUNTAINAS



# THANK YOU

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