WELCOME TO

Virtual ICV 2022 FORUM

IT & DIGITALISATION

WEDNESDAY
12TH JANUARY 2022
0900 - 1200

Organised by:

In collaboration with:

Supported by:

SCAN HERE TO
SUBMIT YOUR Qs!

8.45am	Guests Check-In
9.00am	Ground Rules Briefing
	Recital of Surah Al-Fatihah
	Welcoming Remarks
	Group Photo Session
	Video: IT Framework Agreement
	IT Project Delivery Framework and Suitability Assessment
	Digital Transformation
	Project Opportunity In BSP HSE
	(Break)
	BLNG IT and Digitalisation Opportunities
	BSM IT and Digitalisation Opportunities
	BGC IT and Digitalisation Opportunities
	Video: BSJV Vendor Registration Process
	(Break)
	Programmes & Initiatives by Darussalam Enterprise
	Programmes & Initiatives by Shell LiveWIRE Brunei
	Presentation by BRUIPO
	Crowdfunding: An Alternative Financing & Investment Vehicle for the MSMEs
	Introduction to Brunei Innovation Lab
	Q&A
	Closing

SCAN HERE TO
SUBMIT YOUR Qs!

PROGRAMME OF EVENTS

RHYME BIN TAJUDIN
SENIOR BUSINESS PLANNER, ISA

IT PROJECT DELIVERY FRAMEWORK AND SUITABILITY ASSESSMENT

Contents:

1. **Overview of IT Dimensions** – Rhyme: IT Business Planner

2. **2022 Programme Deliveries & Opportunity** – Wahyuna: Project Management Office Lead

3. **IT Project Delivery Framework** – Wahyuna: Project Management Office Lead

4. **Tools & Technologies** – Suryani: Application Development Lead

5. **Assess Suitability** – Hjh Junaidah: Organization Capability

Large IT Dimension – covering a large Oil & Gas business footprint

...from Rasau to Muara to offshore

Quick facts

Footprint + 90 sites BSP,BLNG,BSM,BGC

+870 WIFI Access Point,12000+ network nodes, 732 network equipment. 3200 telephone extensions, 2727 IP Phones, 92 Intrinsically safe telephone.

98% Bruneians

- 200+ Positions.
- IT Certifications (ITIL, PMP, BA, TOGAF etc)

Technical Authority (TA)

Certified TA : IT TA/1 Process Control Domain Security
TA/2 Ongoing Certification: 10

200+ Applications

6 Prime 19 Essentials. 213 hosted locally 18 Globally. MS SQL & Oracle

SharePoint

Data 6.45 TB
No of Site 467, subsites 2323 No of items 7Mil

Azure Stack Hub

4 nodes, 250 VMs, Storage 98TB, Memory 113GB

20 to 30 Projects Annually

CAPEX

30 IT Contracts

Tier 3 Data Centre

1000 sq m floor space. 70+ racks, scalable to 300 racks

600+ Virtual Machines

Production & Non-Production. Physically 48 ESX. 200 VWS Blades for Subsurface high graphic

Data 11.9 PB

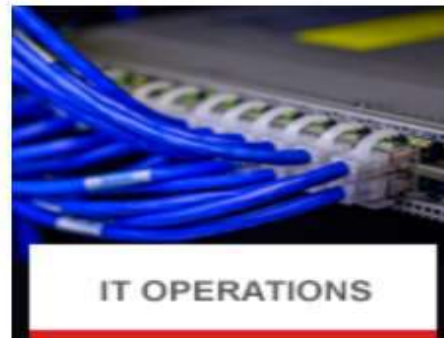2.5 PB Primary /Secondary /DR data storage and 9.4 PB stored in backup tapes.

4000 to 5000+ User Accounts & Laptops

60 Firewalls

60 Remote Telemetry Units

48,000+ instrument tags & controls 30+ HC asset Emergency shutdown.

IT CYBER SECURITY

IT GOVERNANCE & CAPABILITY

IT OPERATIONS

IT PROGRAM DELIVERY

IT STRATEGY, ARCHITECTURE & PLANNING

2022 BSP IT PROGRAM DELIVERY

2022 Projects 26

IT SECURITY

Deliver Cyber Defense monitoring and compliance

- **Cyber Security Programme:**
  - Managed Detection & Response (MDR)
  - Data Loss Protection (DLP)

- BSJV Firewall implementation (Network Remediation)

IT ASSET INTEGRITY

Maintain continuity of IT Operational services to the Business

- **SharePoint upgrade**
- Netapps Storage Expansion
- Virtual Workstation replacement
- Global Logistic Mgt System Upgrade
- Integrated Aviation System Replacement
- Global Planning Tool Upgrade
- Assai Upgrade

IT FOUNDATION
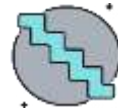
Enable technologies supporting business demands

- **Data Platform Programme**
- **Azure Stack Hub Expansion**
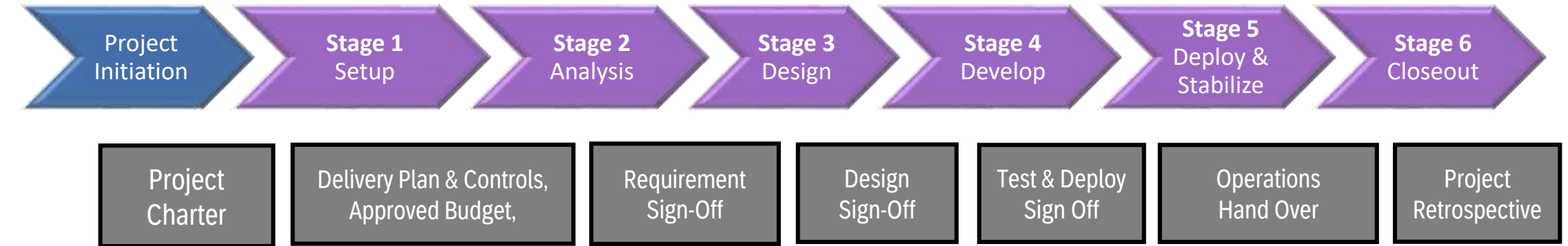- WIFI Expansion

BUSINESS VALUE

Maximize Business Value through IT solutions

- **Spotfire to PowerBI Report conversion**
- BSP Waste Mgmt & Replacement of intervention system (Sphera Cloud)
- HSE Induction Mgmt. System
- Alarm Mgmt System (Dynamo)

IT PROJECT DELIVERY FRAMEWORK

WATERFALL

Project Initiation	Stage 1 Setup	Stage 2 Analysis	Stage 3 Design	Stage 4 Develop	Stage 5 Deploy & Stabilize	Stage 6 Closeout
Project Charter	Delivery Plan & Controls, Approved Budget,	Requirement Sign-Off	Design Sign-Off	Test & Deploy Sign Off	Operations Hand Over	Project Retrospective

Project Initiation	EDGE Setup	Sprints	Close out

AGILE (EDGE)

TOOLS & TECHNOLOGIES

SAP

Mobile App Development

Application Programming Interface (API)

Other Framework

October 2016
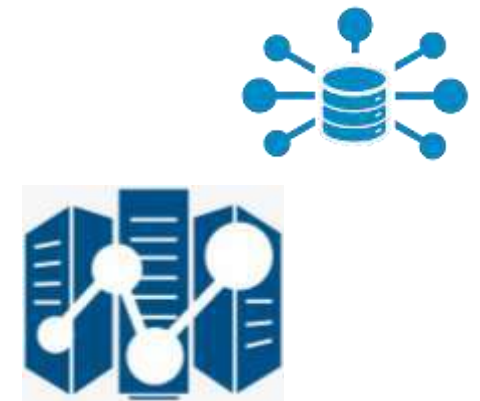

SharePoint

Data Visualisation

Cloud (Hybrid)

Data Platform

ASSESS SUITABILITY

Some key elements to look at where relevant……

Strong Understanding Of Requirements

✓ Reiterate understanding of requirements, case for change or problem statements

✓ Proposed solution models to each requirements

✓ How the solution would address requirements, problems and BSP model

✓ How proven is the solution model

Proposal Plan

✓ Technical and Non Technical Solutioning

✓ Methodology i.e. Waterfall & Agile

✓ Project schedule management

✓ Communication Plan

✓ Risk Management

✓ Quality Management

Organization Performance & Personnel Experience

✓ Relevant past experience on successful projects with other clients

Personnel's Experience where relevant not limited to:

✓ Project Management
✓ Developer (App/Web/Api)
✓ Business Analysis
✓ Knowledge Transfer to clients
✓ Any similar or relevant experience in related field.
✓ Knowledgeable in relevant specific technical

Certification / Accreditation

Not Limited to:

✓ PMP or Prince2 for Project Management

✓ Relevant Microsoft Certifications

✓ BA Certifications

✓ Relevant Technical Certifications

Suggestions/ Improvement

✓ Other possible options

✓ Market Innovation

✓ Long term Economical Aspects & Sustainability

- BSP Supply Chain Management Team (SCM) – Point of contact for Vendors

- Scope of Work submission will provide more detailed requirement – via SCM Request For Quotation (RFQ) Process.

FAIZAL MAHMUD
BSP DATA SCIENTIST, DGM

DIGITAL TRANSFORMATION

DIGITALISATION@BSP

01 | **BSP'S DIGITAL TRANSFORMATION JOURNEY**
WHY AND WHAT

02 | **NATURE OF OUR DIGITAL SOLUTIONS**
HOW

BSP'S DIGITAL TRANSFORMATION JOURNEY

We apply digital solutions to address business problems, by making work **faster, better, cheaper**…

by creating in-house digital capabilities,

Digital transformation is a key enabler to achieve outstanding, sustained performance.
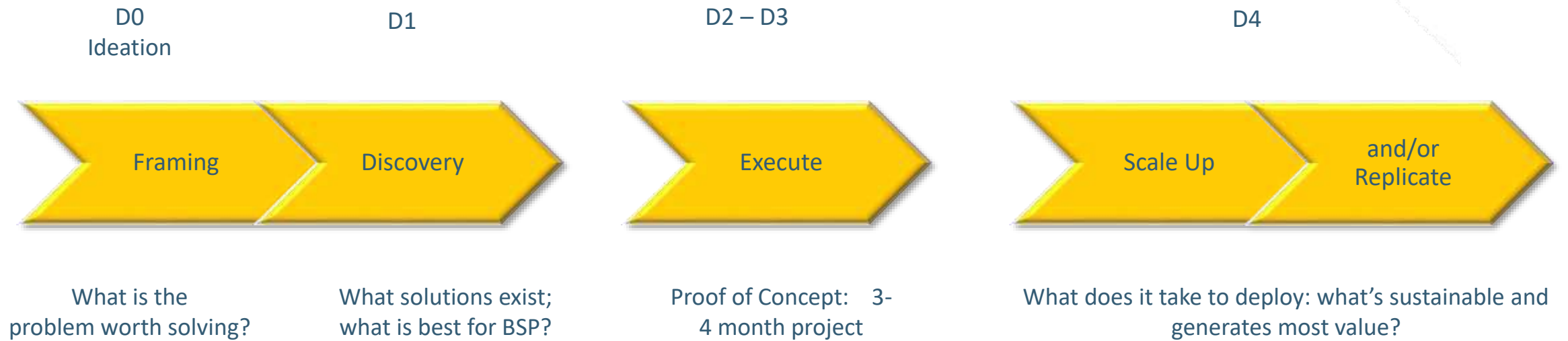
Our digital strategic priorities:

Business value	Internal, local capabilities, data science
Integrated data	Our leaders use digital ecosystem and data

HOW DIGITAL PROJECTS ARE CARRIED OUT IN BSP

D0
Ideation

D1

D2 – D3

D4

Framing	Discovery		Execute		Scale Up	and/or Replicate

What is the problem worth solving?

What solutions exist; what is best for BSP?

Proof of Concept: 3- 4 month project

What does it take to deploy: what's sustainable and generates most value?

NATURE OF BSP'S SOLUTIONS

Complementing our business

Technology	Digitisation	Digitalisation	Digital upskilling
Drones	Technology / Digitalisation solution catalogue	Advance Analytics	Trainings

ADINA BIDIN & HIZAAM HARIS
HSE ENVIRONMENTAL ADVISORS, HSE/5

PROJECT OPPORTUNITY IN BSP HSE

GHG PERFORMANCE MONITORING AND VISUALIZATION

ICV Forum – Wednesday, January 12, 2022

HSE/5 Environment Affairs
Adina Bidin (HSE/52) and Hizaam Haris (HSE/59)

Greenhouse Gas (GHG) Performance, Monitoring and Reporting (PMR)
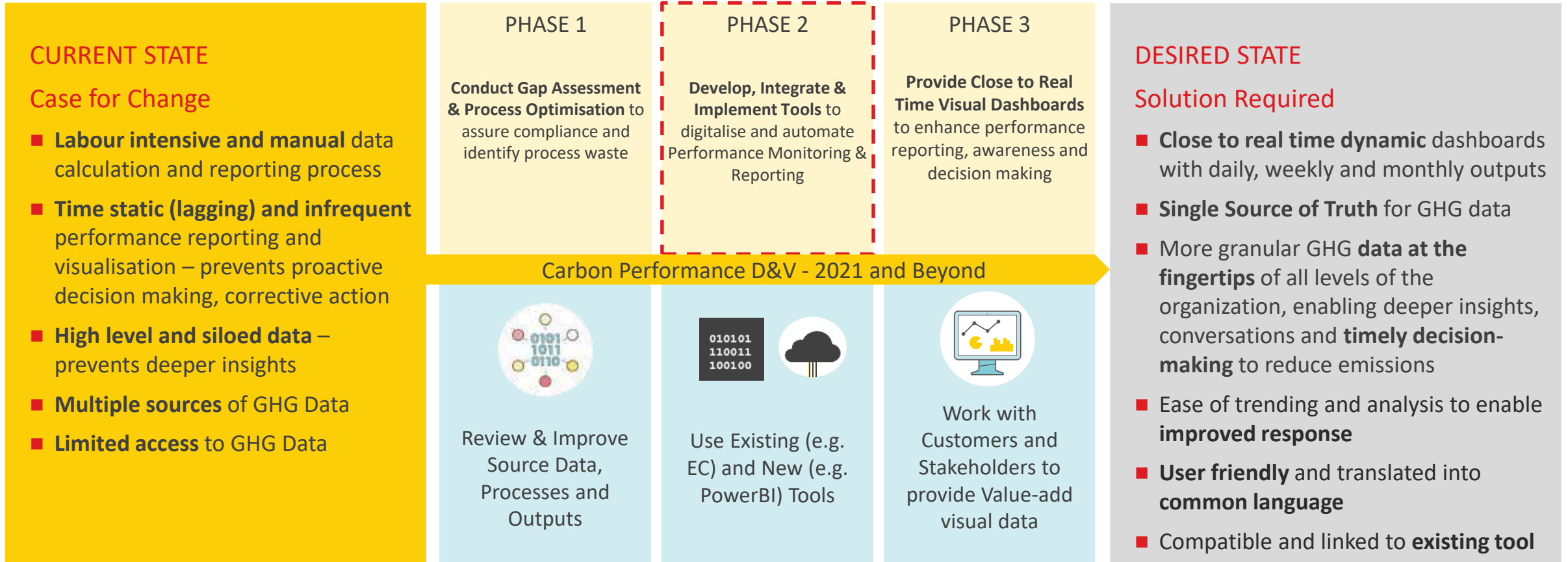
- BSP monitors and reports Environmental performance, including
  - Flare & Vent emissions
  - Greenhouse Gas (GHG) Performance & Abatements
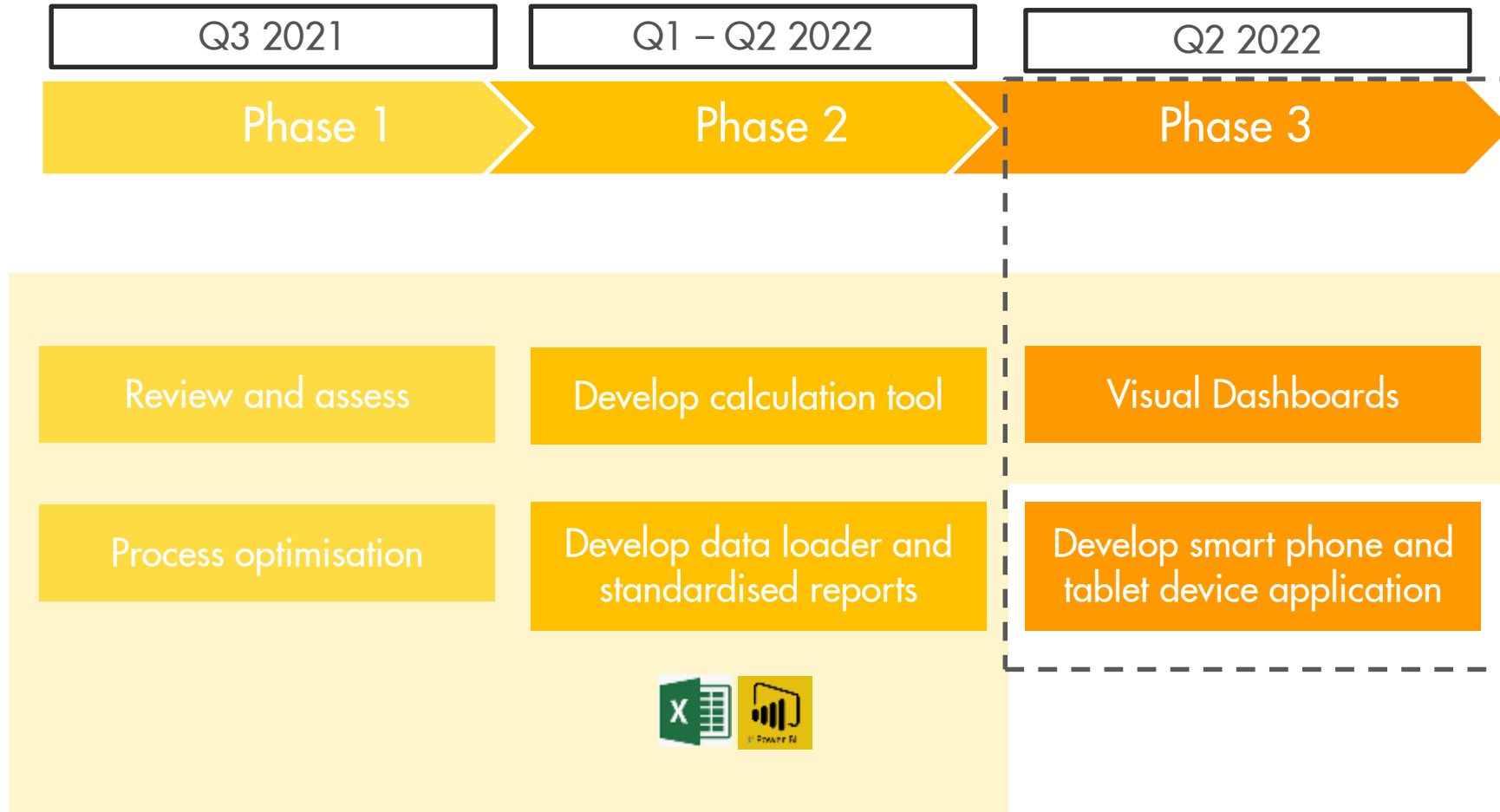 - GHG intensity

Objectives

- Monitor and enhance performance
- Meet stakeholders' requirements and aspirations
- Identify improvements and solutions
- Aids decision making
- Raise awareness and visibility

GHG PERFORMANCE MONITORING AND VISUALISATION

CURRENT STATE

Case for Change

- **Labour intensive and manual** data calculation and reporting process
- **Time static (lagging) and infrequent** performance reporting and visualisation – prevents proactive decision making, corrective action
- **High level and siloed data** – prevents deeper insights
- **Multiple sources** of GHG Data
- **Limited access** to GHG Data

PHASE 1

Conduct Gap Assessment & Process Optimisation to assure compliance and identify process waste

Review & Improve Source Data, Processes and Outputs

PHASE 2

Develop, Integrate & Implement Tools to digitalise and automate Performance Monitoring & Reporting

Use Existing (e.g. EC) and New (e.g. PowerBI) Tools

PHASE 3

Provide Close to Real Time Visual Dashboards to enhance performance reporting, awareness and decision making

Work with Customers and Stakeholders to provide Value-add visual data

Carbon Performance D&V - 2021 and Beyond

DESIRED STATE

Solution Required

- **Close to real time dynamic** dashboards with daily, weekly and monthly outputs
- **Single Source of Truth** for GHG data
- More granular GHG **data at the fingertips** of all levels of the organization, enabling deeper insights, conversations and **timely decision-making** to reduce emissions
- Ease of trending and analysis to enable **improved response**
- **User friendly** and translated into **common language**
- Compatible and linked to **existing tool**

Goal: to have close to real time automated and digitalized monitoring and reporting of accurate and complete **BSP GHG Emissions data** from a single source of truth, visualised through **performance dashboards**, to enable improved GHG awareness, understanding, insights and timely interventions at **all levels of the organization**.

GHG PERFORMANCE MONITORING AND VISUALISATION

Q3 2021	Q1 – Q2 2022	Q2 2022
Phase 1	Phase 2	Phase 3

Review and assess	Develop calculation tool	Visual Dashboards
Process optimisation	Develop data loader and standardised reports	Develop smart phone and tablet device application

End

HAJI AUZI AHADANI
DATA ENGINEER, TRD

BLNG
IT & DIGITALISATION
OPPORTUNITIES

IT OPPORTUNITIES

Smart Inventory System

- Manage BLNG's IT equipment, applications, tools, licenses

Enterprise Learning Management System

- A system for managing online learning capable of creating bespoke learning content and deploying mass training assignment BLNG wide.

Document Digitisation with Cost Benchmarking System

- Digitise and systematically structure procurement documents (eg. invoices, receipts)
- Provides insight to end user to efficiently improve decision-making – Cost benchmarking system on procured items

PowerBI - Training/Support

- Upskill BLNG staff to use PowerBI
- Empower BLNG staff to create PowerBI dashboards
- Software master-user support
- Resources to build dashboard
  - Eg. Credit risk exposure breakdown, risk category, security coverage

MOHAMMAD ZA'IM AZIMAN HAJI ISMAIL
NUR HIDAYAH MAIDIN
BSM INNOVATION LEAD
BSM SUPPLY CHAIN EXECUTIVE

BSM
IT & DIGITALISATION
OPPORTUNITIES

BSM'S IT & DIGITALISATION OPPORTUNITIES

Mohammad Za'im Aziman Haji Ismail (BMI)
Annabella Chong (BMF/4)
Nur Hidayah Maidin (BMF/44)

Land, Sea & Air… with you everywhere.

BSM Digitalisation Journey

BSMART APP	INFO & API	ONLINE PAYMENT	LOYALTY	ONLINE ORDERING	PARTNER ECOSYSTEM
SUPPLY & DELIVERY	B2B ECOMMERCE	DELIVERY SCHEDULING	INVENTORY MANAGEMENT	FORECOURT	ANALYTICS CONSULTING
COMMS	WEBSITE	SOCIAL LISTENING	EVENTS MANAGEMENT	SOCMED MARKETING	
NEW BIZ & INNOVATION	BSM DISRUPT				
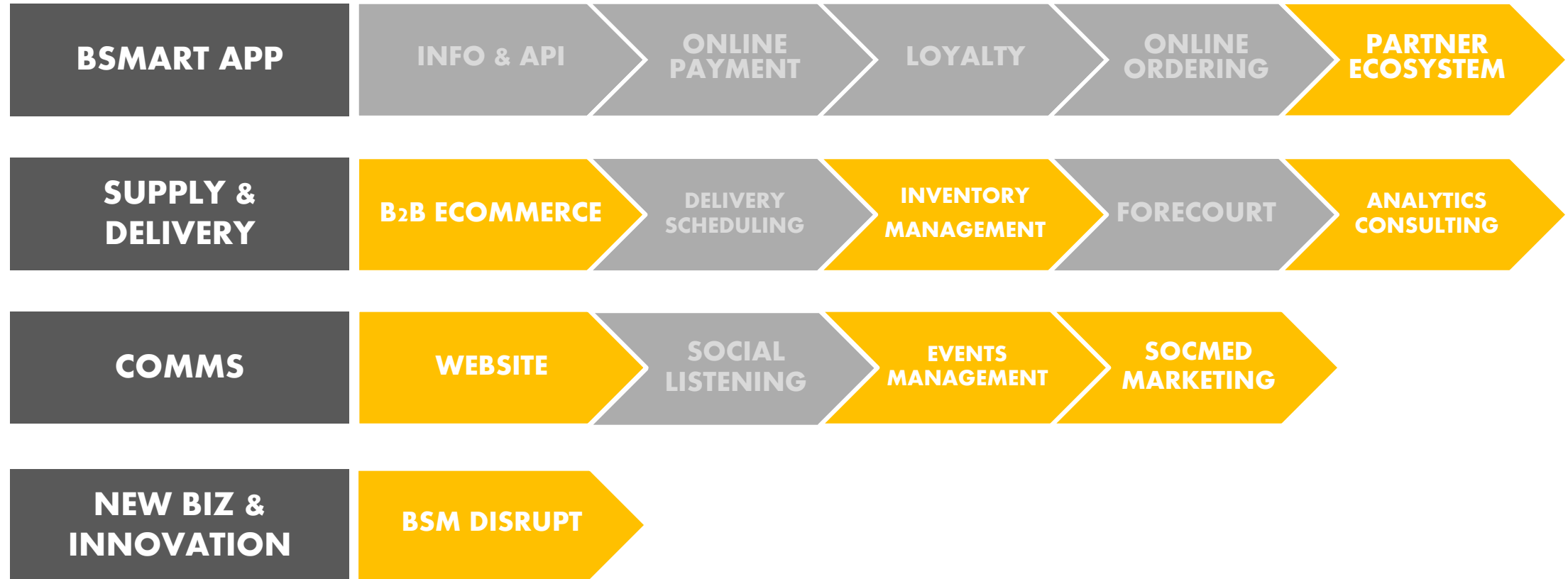
Tender Opportunities

Tender/Project Title	Brief Scope Description	2022			
		Q1	Q2	Q3	Q4
Provision of External Website (Revamping & Maintenance)	To revamp, maintain and support BSM's external website			♦	
Provision of Call Centre for BSM	- To provide 24 hours call centre services to manage incoming and outgoing calls from customers and public through a dedicated fixed number. - To implement, maintain and provide access to online tracking system on open call tickets tracking which shall be made assessible to appointed BSM staff for follow up.	♦			
Provision of Maintenance for SAP B1	To provide local support and system maintenance for SAP B1		♦		
Provision of Inventory System for Asset and Warehouse Management	To provide an inventory system to manage BSM's current asset and warehouse inventories			♦	
B2B e-Commerce Marketplace	To provide a marketplace platform for BSM customers (business to business)			♦	
Consultancy Services for Data Analytics	To provide consultation and implementation for operational and business data analytics		♦		

Legend	♦ Tentative issuance of RFP/Tender package
Note	All tenders/projects are subject to change

Brunei Shell Marketing Company Sdn Bhd

BGC IT & Digitalization Projects opportunities

Azizul Amir Hasrin (IEA)
Sakinah Adam (Senior IBA)
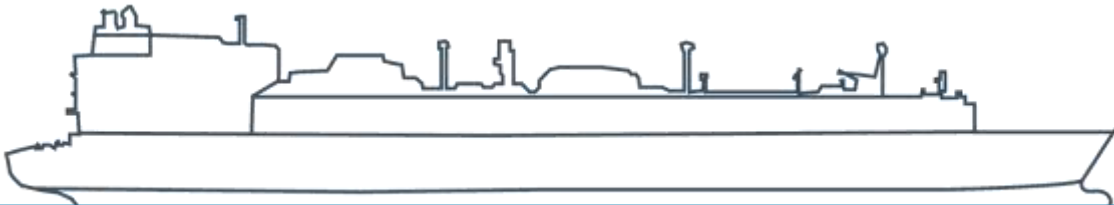
BGC's Digital Transformation

Continuously adopting digital way of working and progressing strongly through digital transformation journey..

Operation Optimization

Refresh and **transform** our overall operation to align with the future, empower partnership between business partner & IT in how we operate i.e., more agile, faster speed/automation

Fleet Safety & Reliability

Adopt and explore new ways of working toward a safe, eco-friendly and more efficient, reliable vessel operation. Optimize ship operation through the digitalization of fleets.

Process & Data Excellence

Improve data availability and transparency to boost informed decision.

Achieve **valued process efficiencies** through identification of business problems

Cost Competitiveness

Generate **low cost**, effective decision making based on timely information with digital technologies.

Support the need to do more with the same number of workforce.

Digital Competency

To **build and enhance** digital competencies and leadership into BGC DNA.

Competitive, Digitally Savvy Shipping Organization

Digitalisation Roadmap
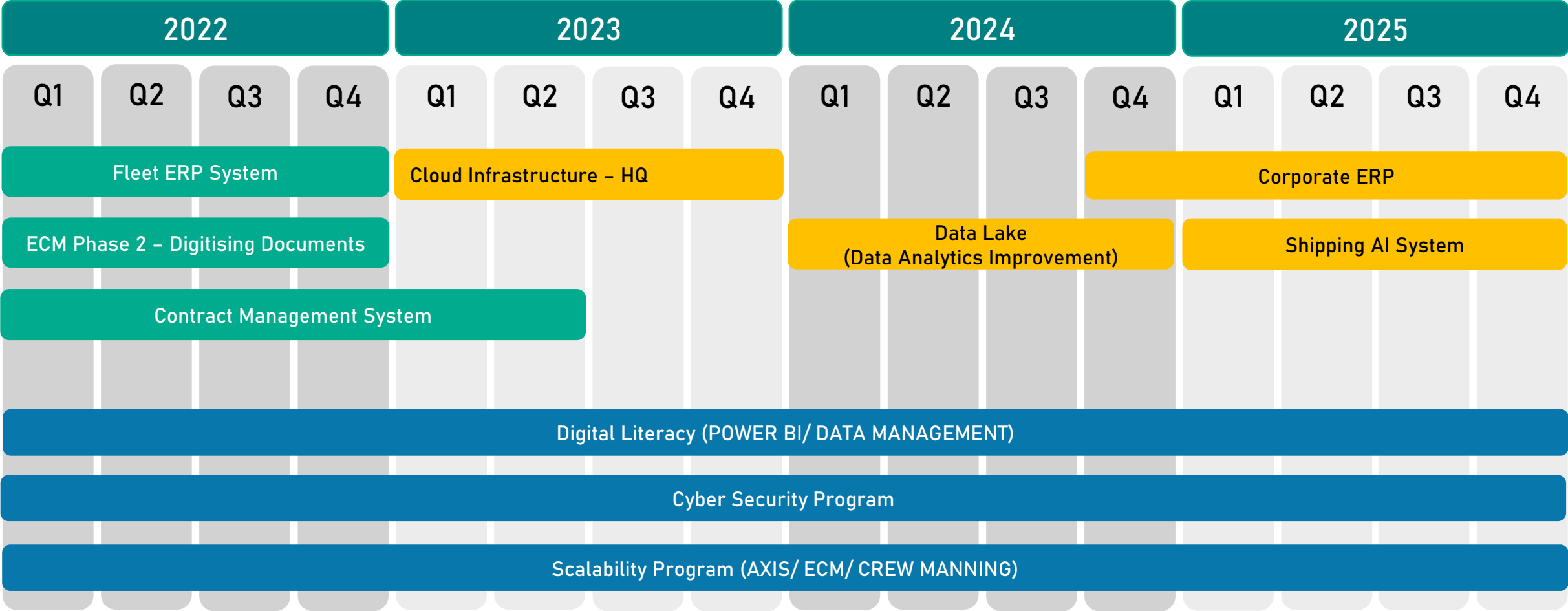
IT & Digitalisation Opportunities

2022
Businesss Opportunities

2023 Onwards
Potential Future Opportunities

Hardware (2)
- Supply of IT Hardware and Other Computer Peripherals
- Supply of Multifunctional Printers and Maintenance

Tool Provision and Services (5)
- Provision, Support & Maintenance of Service Desk Tool.
- Provision, Support & Maintenance of Softphone (Unified Communication).
- Enterprise Content Management (ECM) Phase 2: Digitisation
- Data Clean-up & Migration Services for Fleet ERP
- Disaster Recovery Infrastructure Migration to Cloud

Software Development (2)
- Provision, Support and Maintenance of Website/Intranet Development
- Provision, Support and Maintenance of Contract Management Platform (E-Tendering).

Training (1)
- Provision of Data Analytics & Digital Literacy Program

Digitalisation Projects Outlook (4)
- Provision, Support and Maintenance of Data Lake
- Provision, Support and Maintenance of Corporate ERP
- Cloud Infrastructure
- Shipping Artificial Intelligence System

High Level Description

Provision of Tool, Support & Maintenance (2)

Service Desk Tool

- To replace existing IT Service Ticketing System in BGC.
- Allow multiple supports, not just IT.
- Allow tracking and monitoring of all request/ issue log etc.
- Support and maintenance.

Softphone

- To replace current telephony in BGC.
- Transform the analog telephony into digital.
- End to end replacement – involves servers and peripherals.
- Support and Maintenance

Provision of Software Development/ Tool (2)

Website/ Intranet

- To replace current BGC Website and Intranet
- To refresh with new look and feel.
- Provide additional advancement such as mobility capability and app.
- Support and Maintenance

Contract Management System

- To provide/ develop a system for Tender and Contract Management platform for Vendor access.
- To ease communications and tendering process between BGC and Vendors.

Provision of Services (3)

Digitization

To digitize hardcopy documents into digital softcopy and store in BGC Enterprise Content Management (ECM) System i.e., Document Repository.

Data Clean Up

To clean, structure, massage and prepare all the data from existing fleet and QHSE systems, ShipBoard, Office Desktop and Omnisafe. In preparation for migration to the new fleet ERP system.

DR Migration

To migrate BGC DR Environment to Cloud.

Sign Up

Register your company with BGC

https://www.bgc.com.bn/vendor-registration-2/

Vendor.registration@bgc.com.bn

DARe
Darussalam Enterprise

HAJAH SITI UMMI KALTHUM HAJI OTHMAN
STARTUP DEVELOPMENT EXECUTIVE OFFICER

PROGRAMMES & INITIATIVES BY DARE

SCAN HERE TO SUBMIT YOUR Qs!

Programmes and Initiatives under Darussalam Enterprise

Presenter: Ummi Othman
Startup Development Unit, Enterprise Programme

A NATIONAL AGENCY FOR MSME DEVELOPMENT

What is **DARe** ?

A statutory body established in 2016
by His Majesty The Sultan and Yang Di-Pertuan
of Brunei Darussalam

VISION

To build enterprises into dynamic and
resilient drivers of economic growth

MISSION

To enable enterprise growth through a pro-
business ecosystem with necessary
infrastructure, reliable support and effective
development programmes

HOW DO WE HELP MSMEs IN BRUNEI?

Market Access

Training

Promotion

Finance

Space

Support Services

DARe
Darussalam Enterprise

MARKET ACCESS

Supports enterprise growth and encourages exports by local enterprises

BRUNEIAN MADE
PROUDLY BRUNEI

A programme facilitating businesses with commercially-marketable products to enter the local market through high-traffic retails spaces.

BRUNEIAN MADE FINEST

Displays Bruneian-made Medium to High end products in key locations and provides e-commerce platform and appointed retail partner to purchase featured product

DARe Standards Consultancy PROGRAMME

A 6-month programme to help MSMEs attain international certifications (GMP, ISO), adhering to international standards of operation,

International Markets

Connect and facilitate local companies to expand to overseas markets

DARe LINKS

Increase economic activities for positive growth of MSMEs by maximizing local purchasing of Large Companies and facilitate import substitution when possible

DARe ELEVATE
GROWTH PROGRAM

A theme-based programme to facilitate and grow established MSMEs to international expansion.

DARe
Darussalam Enterprise

PROMOTION

Promoting an entrepreneurial culture by sharing and recognizing success to inspire resilient future entrepreneurs

An annual event held to promote and showcase local entrepreneurship, alongside a conference, sharing sessions, inspirational talks and business clinics.

An online news platform to share stories of local entrepreneurship, socialise business opportunities and reforms.

SPACE

- DARe has 25 industrial sites, including industrial land and ready built factories to support the development of local manufacturing activities.
- Application need to go through the Industrial Site Application Processing System (InSiteAPS)
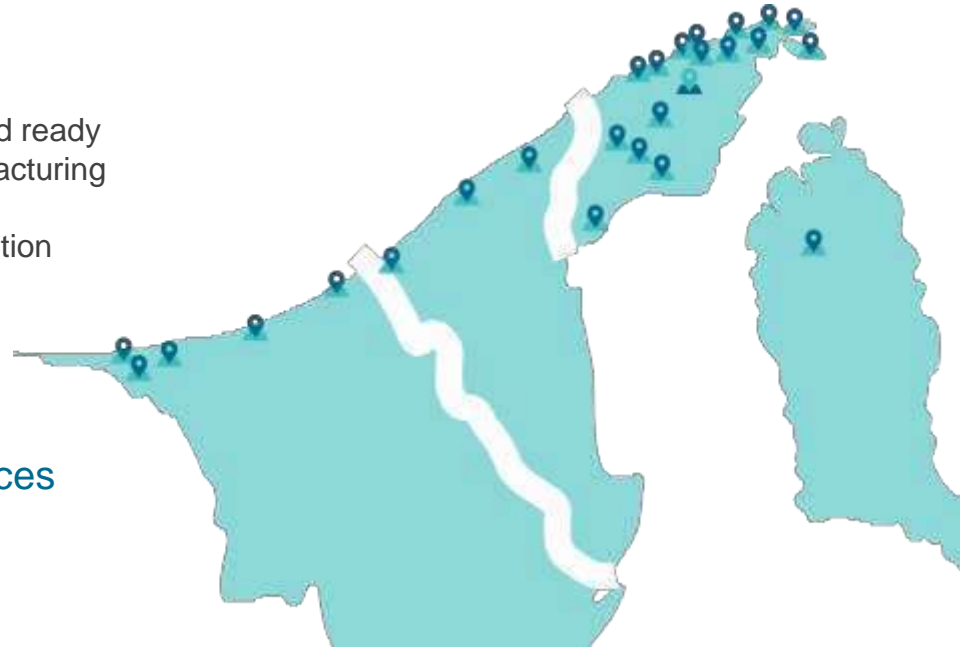
Incubation, Co Working & Pre Commercial Spaces

- To support micro businesses and high value startups at early stages of business.

KONTENA PARK

- Kontena Park is a food incubation space to help entrepreneurs grow their businesses.
- The incubation cycle is for a one year period where businesses are offered a platform to test and validate their product in a real market setting, guided by monthly coaching and curated modules offered.
- Takes in a maximum of 8 vendors per cycle.
- The interested applicants will undergo 3 assessment stages:
  - Submission of Application Form
  - Attendance of workshops
  - Submission of Business Plan & Food Assessment.

TASANNE FAST FOOD
SERIA KUEH TIAW

ARABICABISTRO
MIDDLE EASTERN FUSION

Munch Plate

the **Laksa**
& LATTE
OFFICIAL

moistjito

ZNETIC

TU WA GA

DARe
Darussalam Enterprise

iCENTRE

- An incubation centre and co-working space for entrepreneurs with access to capacity-building programs, scaling up, investment opportunities and the startup ecosystem.
- One year incubation programme.

- Types of incubation:
  - Physical
  - Virtual

- Eligibility:
  - Registered & based in Brunei Darussalam
  - Joined & completed DARe Bootcamp programme
  - Submission of Application Form

Collaborative Space

Startup development

Entrepreneurial events

Mentorship

Partnership

DARe
Darussalam Enterprise
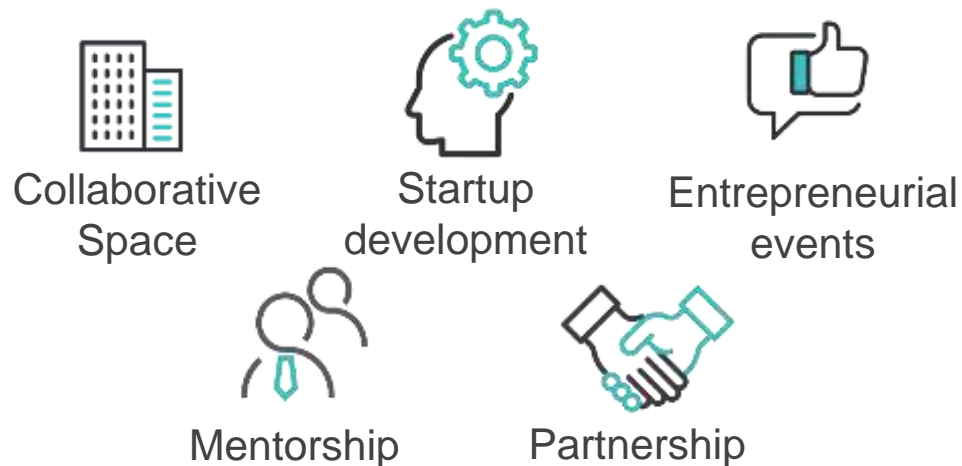
iCENTRE

chat&chew
NETWORKING SESSION

A networking event – specifically for startups developed in DARe's ecosystem to showcase their achievements and connect with peers and stakeholders.

- Give an opportunity for startups to share their journeys, struggles and experiences with the community.
- Provide a platform for startups to showcase their achievements.
- Network with peers and stakeholders within the startup ecosystem.

DARe
Darussalam Enterprise

iCENTRE

Exposure trips

Annual trips of selected iCentre startups to established startup ecosystems geared towards providing exposure to:

- Innovative culture.
- Best practices in start-up and ecosystem development.
- Opportunity to network with VCs, ecosystem builders and start-ups.

Future plans is to look into visiting regional startup ecosystems and inviting more stakeholders to join.

Silicon Valley Exposure Trip

First trip conducted in February 2020 to Silicon Valley, California, United States with 3 selected iCentre incubatees, DARe personnel and BEDB personnel.

TRAINING

IBA
Industry
Business
Academy

- Launched in July 2016

- Classes are held all year round – conducted by in-house trainers and external consultants and collaborators.

- Workshop classroom-based setting ranging from half a day and up to 3 days.

- The academy includes modules that cover the core aspects of running businesses, from marketing to accounting, carried out in classes across increasing levels of complexity.

DARe
Darussalam Enterprise

TRAINING

micro
BOOTCAMP PROGRAMME

- Launched in January 2018.
- A programme to upskill and develop participants in entrepreneurship – more specifically micro businesses.
- It is an intensive 4-week programme of entrepreneurial training in critical business know-how for starting, running and growing a micro business - followed by a 6-month monitoring period,
- Participants are expected to finish a business plan at the end of the programme.

DARe
Darussalam Enterprise

TRAINING

accelerate
STARTUP PROGRAMME

- Launched October 2016.
- It is a 100-day accelerator programme where participants learn from business experts and receive mentorship from experienced entrepreneurs – taking MSMEs from ideation to execution.
- Ends with a Demo Day where participants pitch their ideas to real-life investors.
- Top 3 startups from Demo Day will pitch to regional investors (subject to facilitator).

DARe
Darussalam Enterprise

TRAINING

Entrepreneurial training & development programmes to improve MSMEs' business capacity and capabilities

BMEN
Brunei Mentors for Entrepreneurs Network

Brunei Mentors for Entrepreneurs Network is a voluntary national network that brings together business mentors comprising of successful entrepreneurs, industry experts, professionals and academicians who are willing to share their knowledge, experience, and mentor growing businesses.

Co-matching Scheme

Launched in June 2019.

To encourage growth within MSMEs through sharing the cost and responsibility of investment.

70:30 'co-matching' component requires MSMEs to put forward 30% of cost while DARe funds 70%.

Two categories:
- Starting up, up to $10,000.

- Expansion, up to $20,000.

Your Entrepreneurial Journey with DARe

Step	Programme	Frequency
1	REACH	x 12
2	IDEATION	x 12
3	MICRO BOOTCAMP	x 4 cycle
4	VALIDATE	x 4
5	KONTENA PARK	x 1 cycle
6	ACCELERATE BOOTCAMP	x 2 cycle
7	ICENTRE	x Open all year long
8	YOUTH GROUND	x Open all year long
9	STANDARD CONSULTANCY	x 2 cycle
10	ELEVATE GROWTH PROGRAMME	x 2 cycle

BRUNEIAN MADE — x Open all year long

READY BUILT FACTORY — x Open all year long

IBA — x Open all year long

DARELINKS — x Open all year long

BMEN — x Open all year long

FINANCE (CO-MATCHING SCHEME) — x Open all year long

BIZ BRUNEI — x Open all year long

ENTREPRENEURIAL EXPOSURE, NETWORK & COMMUNITY

BUSINESS HELPDESK

Legends
- Core Programmes/Initiatives
- Supporting Programmes/Initiatives

SUPPORT SERVICES

Contact us:

Business hotline:

+6738363442

Email enquiries at:

info@dare.gov.bn

Business Support Centre

Single physical venue for government-related

business processes and services.

Established in three districts;

Brunei-Muara, Belait and Temburong.

DARe
Darussalam Enterprise

SUPPORT SERVICES

Bandar Seri Begawan

Lobby (Level 1), Design & Technology
Building, Simpang 32-37, Anggerek Desa

Opening hours:

Monday to Thursday:
8am to 12pm | 2pm to 4.30pm

Friday:
8am to 11.30am | 2.15pm to 4.30pm

Kuala Belait

Kuala Belait & Seria Municipal
Department

Opening hours:

Every Tuesday:
830am to 12pm | 2pm to 3pm

Temburong

Bahagian Sukatan dan Timbangan,
Bangar, Temburong

Opening hours:

Wednesday of the 1st week of every
month:
830am to 12pm | 2pm to 3pm

DARe
Darussalam Enterprise

THANK YOU

Design & Technology Building,

Spg 32-37, Kg Anggerek Desa,

Bandar Seri Begawan

BE3713,Brunei Darussalam

[f] [o] darussalamenterprise

DARE.GOV.BN

DK SITI SYUHAIDAH PG HJ BAHARUDDIN
BUSINESS COUNSELLOR

PROGRAMMES & INITIATIVES BY SHELL LIVEWIRE BRUNEI

Market Engagement

Dk Siti Syuhaidah Pg Hj Baharuddin (CLW13)

Introduction to Shell LiveWIRE Brunei

- Shell LiveWIRE Brunei is a Social Investment Flagship of Brunei Shell Petroleum Sdn Bhd.

- Established on 1st May 2001 in response to the call of Brunei Darussalam Economic Council (BDEC) to support infrastructure for enterprise development as a long-term sustainable economic development.

- The objective is to stimulate the local economy through entrepreneurship, innovation and meaningful employment.

- Our workshops and programmes are specifically open to citizens and permanent residents of Negara Brunei Darussalam.

Shell LiveWIRE Brunei Journey

LiveWIRE Brunei established in response to BDEC to support infrastructure for enterprise development.

LiveWIRE Business Network member open To all LiveWIRE alumni

8 SMEs secured contract with BSJV

LiveWIRE Energy Programme launched

5 SMEs secured start up funding from LiveWIRE

Rice Production Ecosystem development in partnership with IBTE AgroTech

2001 **2008** **2010** **2013** **2014** **2015** **2016** **2017** **2018** **2019** **2021**

Leadership Camp
Program to instil self confidence amongst young entrepreneurs

Brunei Entrepreneurship Education Scheme launched

LiveWIRE reached 10,000 participants

LiveWIRE Brunei Refreshed align to Shell LiveWIRE 2.0

LiveWIRE Energy Solution in partnership with UTB

Delivery with Impact to Business And Community

5 Core areas of Shell LiveWIRE Brunei
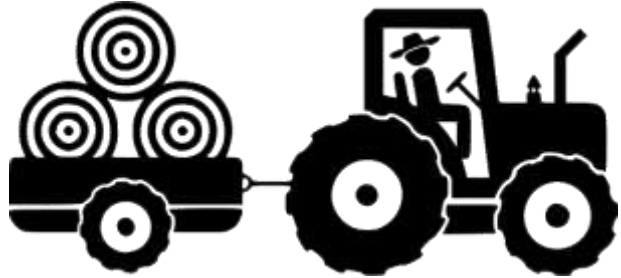
Agriculture
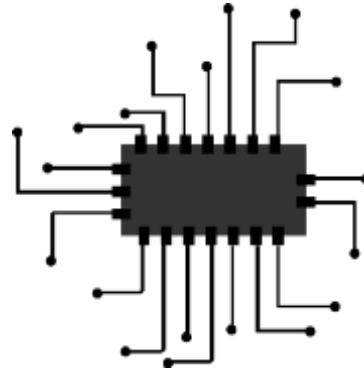
Digitalisation

Energy Transition

Smart Manufacturing

Waste Management

Shell LiveWIRE Brunei Programmes

A LiveWIRE Brunei Business Programme

MASTER CLASS

LiveWIRE Masterclass is a fundamental level 2-hour workshop that comprises of applied theories and practical activities to equip entrepreneurs with the fundamentals of business skills from various industries.

The current focus are on Entrepreneurship and Digitalization.

Currently we have 22 topics in total.

Two Days workshop

- To **raise awareness of self-employment** and **business start-ups** as a realistic option among **unemployed Bruneians** especially aged 18-40.

- Facilitates participants to think through the **issues involved when starting a business.**

- To **provide information** about **starting a business** and to **assist** them to **develop their business ideas**.

- To introduce a **framework of thinking** when starting a business.

LiveWIRE Brunei Business Plan Series

BUSINESS PLAN SERIES

A LIVEWIRE BUSINESS INITIATIVE

A **4-half-day (or 2 full day)** workshop that gets the participants to **discuss and present** their **business plan.**

- Participants will first learn what is a **Business Plan, Executive Summary, Business Profile** and plan their initial **Startup Cost.**
- Market Strategy, Organization and Operations, Financial Management.
- Financial Management - Cash Flow, Presenting a Business Plan.
- They will also learn deeper about different types of products and services, how to do market research on, identify their competitor and utilize tools to their advantage such as **PEST** and **SWOT analysis.**

Become a Successful Owner Manager

BSOM

BECOME A SUCCESSFUL
OWNER MANAGER

A LIVEWIRE BRUNEI BUSINESS PROGRAMME

A **four-day workshop** for participants wishing to progress further with building their business ideas into actual business.

The program objectives include:

- Developing a business idea and doing associated market research.

- Preparing a business plan and financial forecasts.

- Running a business, including marketing, management and financial control.

- Understanding the Bruneian Entrepreneurial Ecosystem

Objectives of IT & Digitalisation Department

- To develop, deploy and maintain software usage in Shell LiveWIRE Brunei.

- To ease the IT and Digitalisation integration for Shell LiveWIRE Brunei.

- To facilitate data storage and analysis to support data-driven decisions in Shell LiveWIRE Brunei.

- To protect the integrity of the Department's information and IT assets.

- To alleviate technical issues within Shell LiveWIRE Brunei e.g. facilitate online workshops, hardware technical support.

Data Analytics in Shell LiveWIRE Brunei

Step 1:

Determine criteria for data collection

Step 2:

Collect and Gather Data

Step 3:
Ensure data collected is clean (i.e. no overlaps/incomplete)

Outcome of Data Analytics:

- Better support decision making.

- Shape our workshops based off participant's traits.

- Plan out future workshops based of customer demands.

- Increase efficiency of operations.

IT Project Opportunity 2022

LMS Objectives

- To have a digital platform for participants to join Bright Ideas, Business Plan Series and Become a Successful Owner Manager. (Masterclasses as second priority)

- To allow for successful registrants to access these workshops at their own time and convenience

- To monitor progress of participants to be certified

- To make sure it is only accessible for successful registrants

- To track data of results for each programme

- To ensure sufficient flexibility for hosting different programmes in the platform

- Concept of Blended Learning is desirable

- LMS is expected to have a soft launch in June 2022 and full launch in July 2022

Main Criteria for Use Cases

- These LiveWIRE Core Programmes to be hosted online with or without a live facilitator.

- LMS must be able to have a time limit of availability for successful registrants.

- Content such as slide deck pdfs, word documents, videos, photos should be able to be hosted.

- Activities such as business model canvas writing, quizzes should be able to be hosted with automatic grading and results wherever applicable.

- Chat boxes should be available for peer to peer conversations.

Problem

- Participants need flexibility to join BSOM, BI and BPS programs
- Unsure when covid restrictions will ease
- Counsellors who can conduct these workshops are limited

Unique Value Proposition

- Registered participants can join the programmes at their own pace
- Participants who complete the programs gets emailed certification
- Streamline BPS, BSO, BI process
- Easy access for both back end and participants
- Use existing third party platforms that were identified

Participant Process Flow (Proposed)
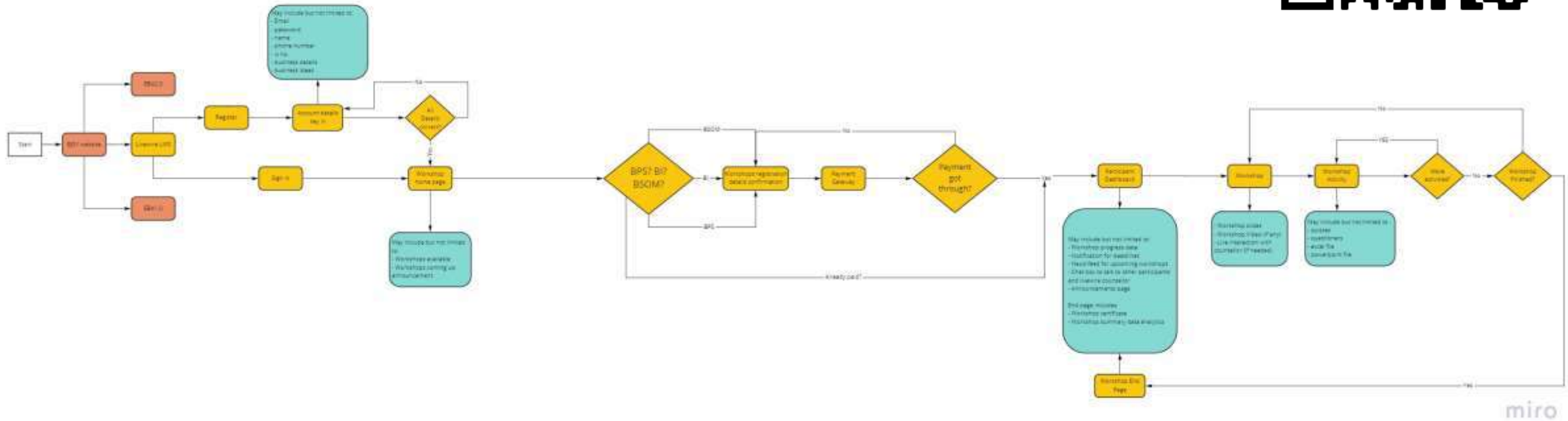
https://miro.com/app/board/uXjVObaWAfQ=/?invite_link_id=756836056020

LMS Websites Reference

Scan for further info

https://www.livewirebrunei.com/eoi/
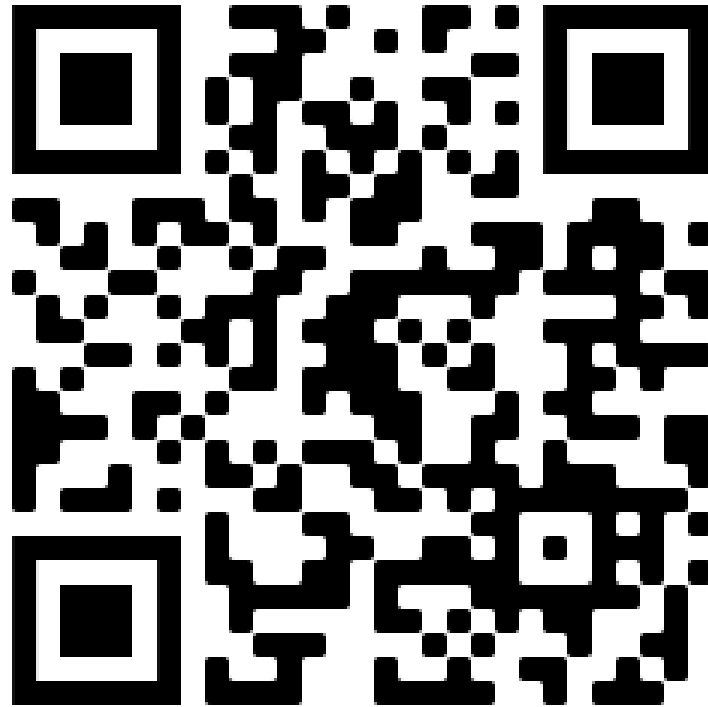
iCASHFLOW.BN

iCASHFLOW.BN is an innovative mobile app that provides a digital platform for cash flow management for entrepreneurs in Brunei.

To encourage cashflow management habits via a digital platform to reach to the entrepreneurs and startup founders.

Scan to Download iCASHFLOW.BN

Download on the App Store

GET IT ON Google Play
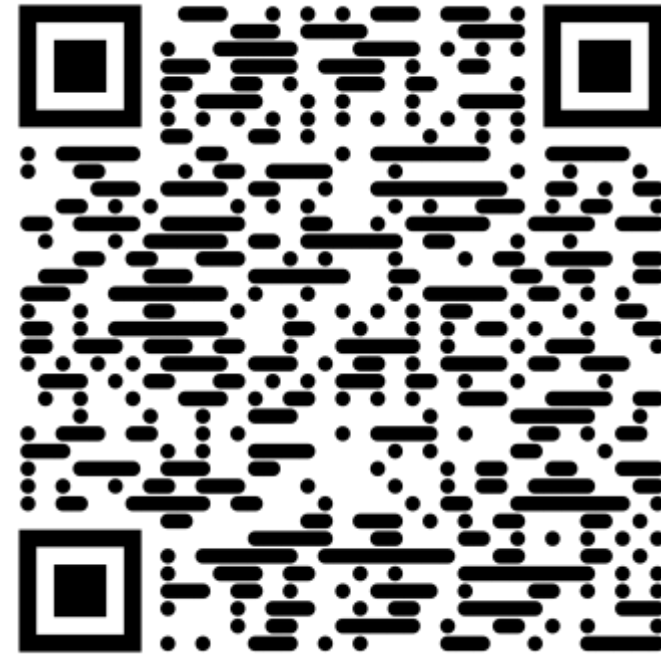
A compilation of LiveWIRE Brunei programmes and events, milestones, and profiles of selected alumni member over the course of our operation for the past 20 years. It is now available as a digital copy that is readily available on the local website.

Scan to Download E-Book

INTELLECTUAL
PROPERTY OFFICE
BRUNEI DARUSSALAM

DK SITI NURUL ADIBAH PG ROSLI

PRESENTATION BY BRUIPO

VIRTUAL ICV FORUM:

IT & DIGITALIZATION

12 January 2022

PRESENTED BY:

Dk Siti Nurul Adibah Pg Rosli

INTRODUCTION OF BRUIPO

Absorption of Registry of Patent and setup of Patent Registry Office (PRO) under Brunei Economic Development Board (BEDB)

P

2012
JANUARY

2019
APRIL

Transferred to Attorney General's Chamber (AGC)

Transferred to Ministry of Energy and Industry (MEMI)

2016
JANUARY

2012
OCTOBER

D

Absorption of Registry of Industrial Designs under BEDB

Absorption of Registry of Plant Variety Protection under BruIPO

2015

PVP

Absorption of Registry of Trade Marks under BEDB

TM

2013
JUNE

Establishment of Brunei Intellectual Property Office (BruIPO)

2013
JUNE

Promote IP management and commercialization

Increase effective IP Awareness

MISSION

Improve IP Services

Deliver an efficient IT infrastructure

WHAT IS INTELLECTUAL PROPERTY?

A term used to define a set of **intangible assets** or **assets** that are **not physical in nature**:

- **Brand Names and Logos**
- **Inventions**
- **Artistic and Literary work**
- **Designs**
- **Images**
- **Software**
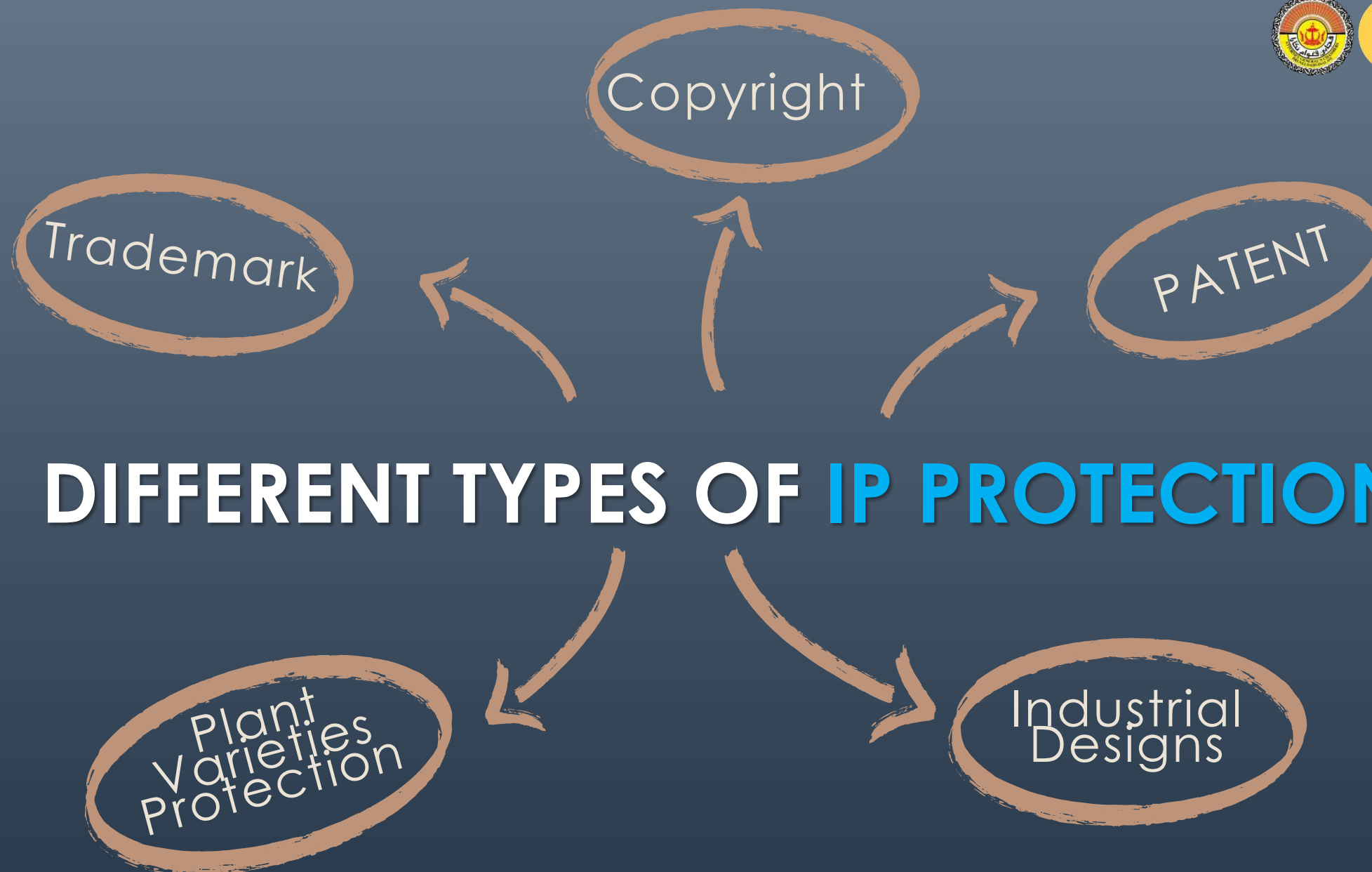
TRADEMARK

A trademark is a **sign** capable of **distinguishing** the goods or services produced or provided by one enterprise from those of other enterprises.
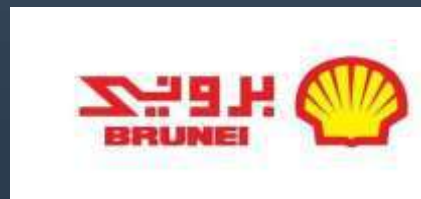
BENEFITS

- Exclusive legal rights to use, sell or license and stop others from using the registered Trade Mark without permission.

ELIGIBILITY

- Distinctive
- For commercial use
- No conflicting marks registered in BD

PROTECTION

- **10 years** from the date of filling.
- This may be renewed for another 10 years subject to the payment of the renewal fee.

PATENT

An exclusive right granted by the government for an **invention** which can be a **product** or a **process** that provides a **new technical solution** to a problem.
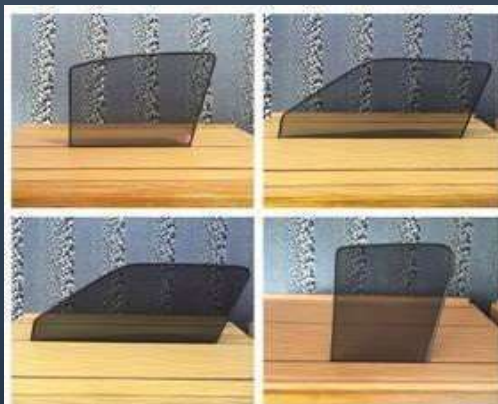
Brunei 1st Local Patent UDRA Window Shades

BENEFITS

- Patent owner holds exclusive right including to sell, license and raise investments
- Development of new technologies

ELIGIBILITY

- New
- Incentive Step
- Industrial Application

PROTECTION

- 20 years from the Date of Filing provided that the Patent is maintained yearly starting from the 5th year.

PRE-FILING CHECKLIST

Before applying for a Patent in Brunei, ensure that your invention is eligible for registration:

1. Is your invention patentable?

2. When should you apply for a patent?

3. Do you have technical and accurate description of the patent?

4. Are there are any existing inventions similar to yours?

5. Are you entitled to register for a patent in Brunei?

6. Have you disclosed your invention to anyone?

COPYRIGHT

Copyright is an **automatic right** which applies to a wide range of **creative works** in **material (fixed) form**, giving creators of **original works** the right to control the use of their material by third party for a fixed period of time.

Copyright Protection Duration:

Film Sound Recording

50 years from the year in which they were made or released.

25 years from the end of the calendar year in which the edition was published.

Typographical Arrangement

Literary Artistic Dramatic Musical Works

Life of the author **plus 50 years** from the end of the calendar year in which the author died.

50 years from the end of the year in which it was first broadcast or transmitted.

Broadcast and Cable Programmes
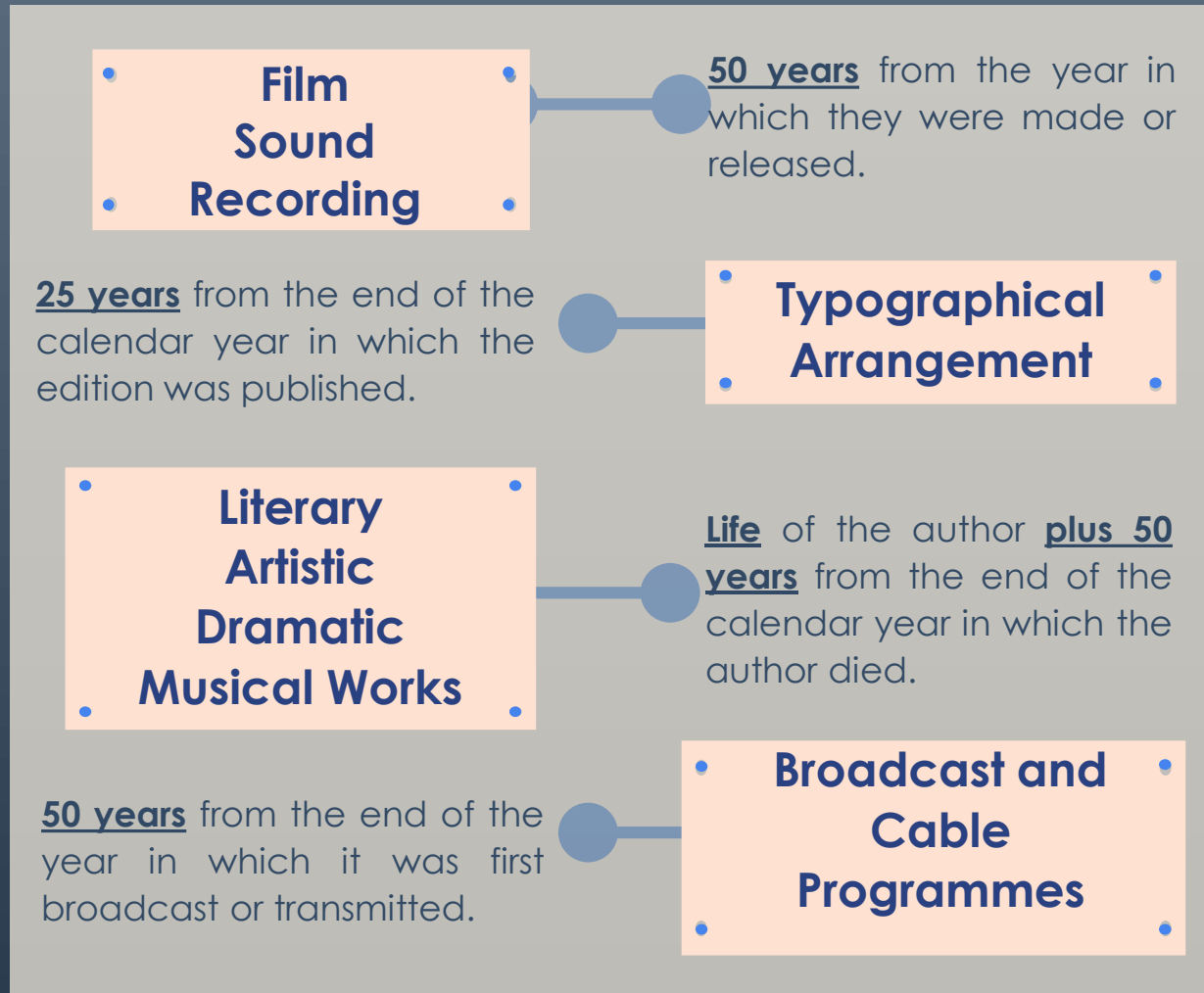
THANK YOU

Exclusive Rights To Your Ideas

Brunei Darussalam
Intellectual Property Office (BruIPO)

Patent | Trademark | Industrial Design | Plant Variety | Copyright

The Law Building
Jalan Raja Isteri Pengiran Anak Hajah Saleha,
Bandar Seri Begawan, BA 1910
Brunei Darussalam.

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Email: enquiries@bruipo.gov.bn
Website: www.bruipo.gov.bn
Instagram: @BruIPO
Facebook: Brunei Darussalam Intellectual Property Office
Twitter: @BruIPO_

Organised by:
BRUNEI
ICV
IN-COUNTRY VALUE

In collaboration with:
BRUNEI LNG
BSM
BGC
Shell liveWIRE
BRUNEI
DARe

Supported by:
INNOVATE BRUNEI
BRUNEI INDUSTRIES LAB

Virtual
ICV
FORUM
2022
IT & DIGITALISATION

JANAKAPITAL
ISLAMIC CROWDFUNDING

AIDIL SALLEH
MANAGING DIRECTOR OF JANA KAPITAL

CROWDFUNDING: AN ALTERNATIVE FINANCING & INVESTMENT VEHICLE FOR THE *MSMES*

SCAN HERE TO SUBMIT YOUR Qs!

98

JANAKAPITAL
ISLAMIC CROWDFUNDING

Achieving Greatness with Islamic Economy, Globally

A Fintech Pioneer in P2P Islamic Crowdfunding for Micro SMEs, Jana Kapital founded in 2017, was incepted in November 2018 following new business partnerships in their business venture.

Jana Kapital adopts a crowdfunding model based on Islamic principle of Murabaha (cost plus profit financing) to finance the acquisition of assets required by Startups, Micro and SME businesses in Brunei.

The concept of Crowdfunding premised on Islamic structure conforms perfectly to Syariah and has the same participatory methods that are cornerstone of Islamic Finance – investors (crowd-funders) help purchase acquisition of assets that are then utilised by businesses to give rise to real economy and productive sectors, based on a profit and loss sharing principle.

CROWDFUNDING BUSINESS MODEL

agriya

Project Owner

Looking for Investors to Fund the Project

Funds Rleased

Given Necessary Details and Created the compaign

Escrow Account

Admin

Website Owner Commission

Permission Granted

Compaign Listed

View The Project

Funds Required For Project

Investor
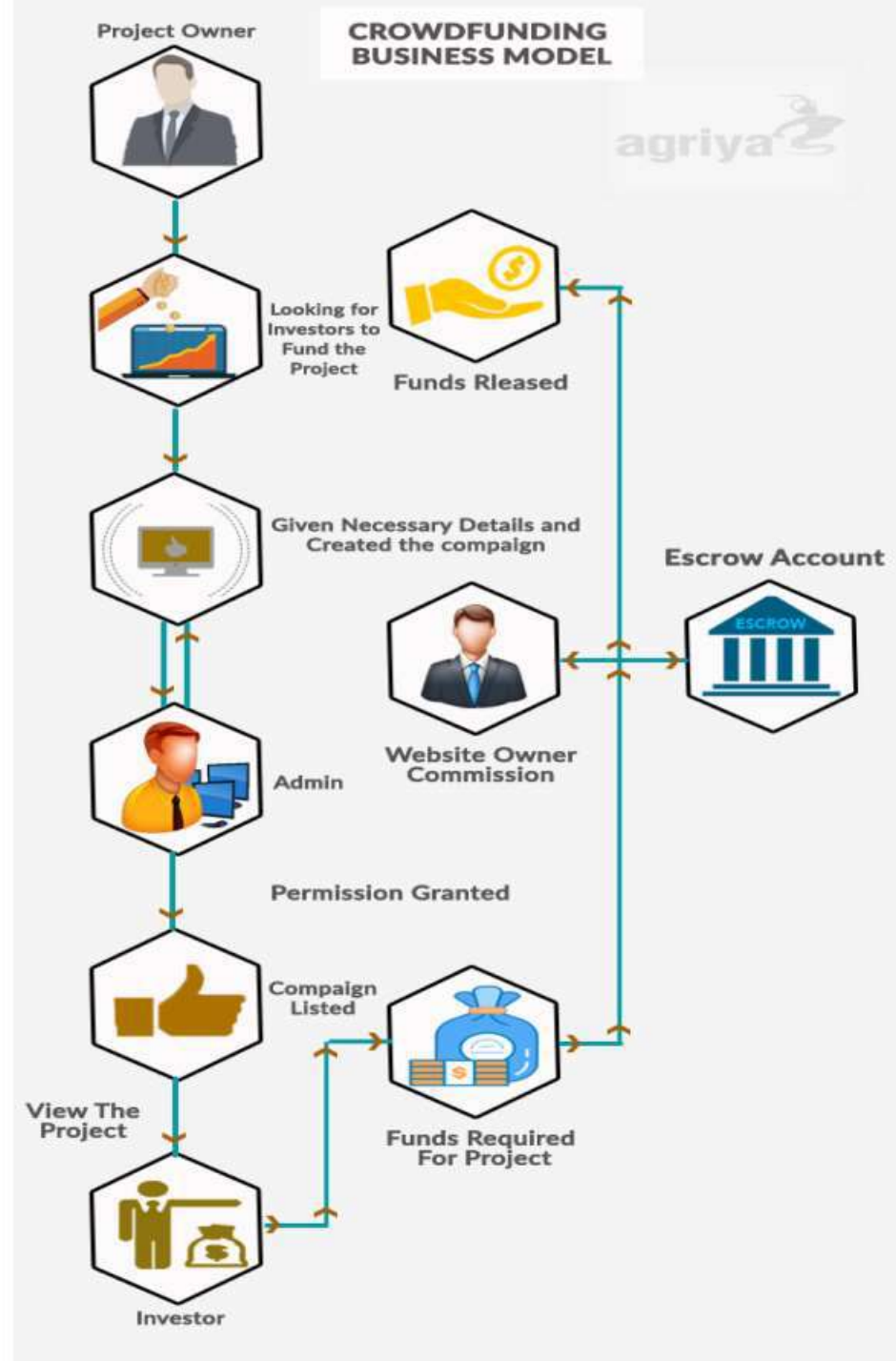
Project Owners / MSME Dossier

✿ Murabaha Asset Financing
✿ How it works

Achieving Greatness with Islamic Economy, Globally

Regulatory Parameters

From Notice Peer-to-Peer Financing Platform Operators (CMA/N-1/2019/13)

Financing limit:

a) An MSME can only raise up to BND500,000 within a 12-month period, irrespective of the number of projects an MSME may seek funding for during that 12-month period; and

b) An MSME can only utilise the P2P Platform to raise a maximum amount of BND1 million, excluding the MSME's own capital contribution.

Investment limit:

4 MSMEs over a 2-year sandbox period

Starting Date:

05 August 2020

Approved on: 5th August 2020
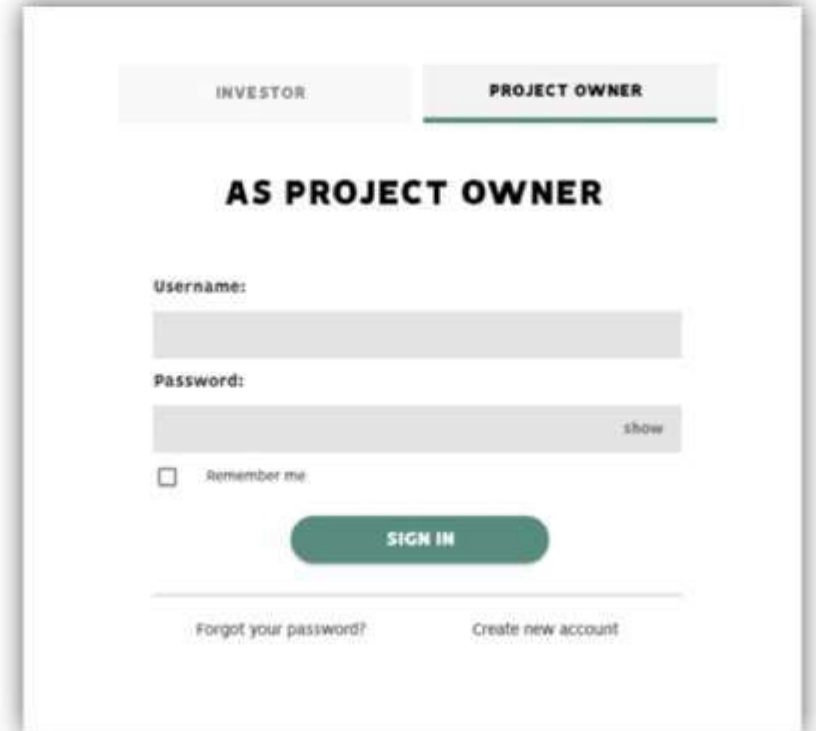
Murabaha MSME Asset Financing

Facilitate the financing of Asset for Business

Offers An Alternative form of financing to traditional bank financing

Adopts Islamic Principle of Murabaha

Based on real, time-sharing platform

Opportunity to tap into/source domestic funds from a pool of local investing community and potentially later from the broader SE Asian and global-investing communities

JANAKAPITAL
ISLAMIC CROWDFUNDING

Murabaha Financing
How it works for:

PROJECT OWNERS / MSMEs

	INVESTOR	PROJECT OWNER

AS PROJECT OWNER

Username:

Password:

show

☐ Remember me

SIGN IN

Forgot your password?   Create new account

![JANA KAPITAL - Islamic Crowdfunding logo]

Become a subscriber

Register for free by filling all necessary details as Project Owners on the Platform

SUBSCRIBE

PROJECT OWNER REGISTRATION

Username*

Password*

8 - 12 characters

Re-enter Password*

Email*

Company Name*

as stated in Standard 16/17

Address*

Contact Number*

Average monthly income*

minimum BND4000

Year established*

Documents Required:

Standard 16/17*   Upload Files +

Cashflow*   Upload Files +

☐ *I agree to the Terms & Conditions and Privacy Policy*
Please ensure that you have filled in all the blanks

Upload Documents

Standard Company Incorporation 16 & 17
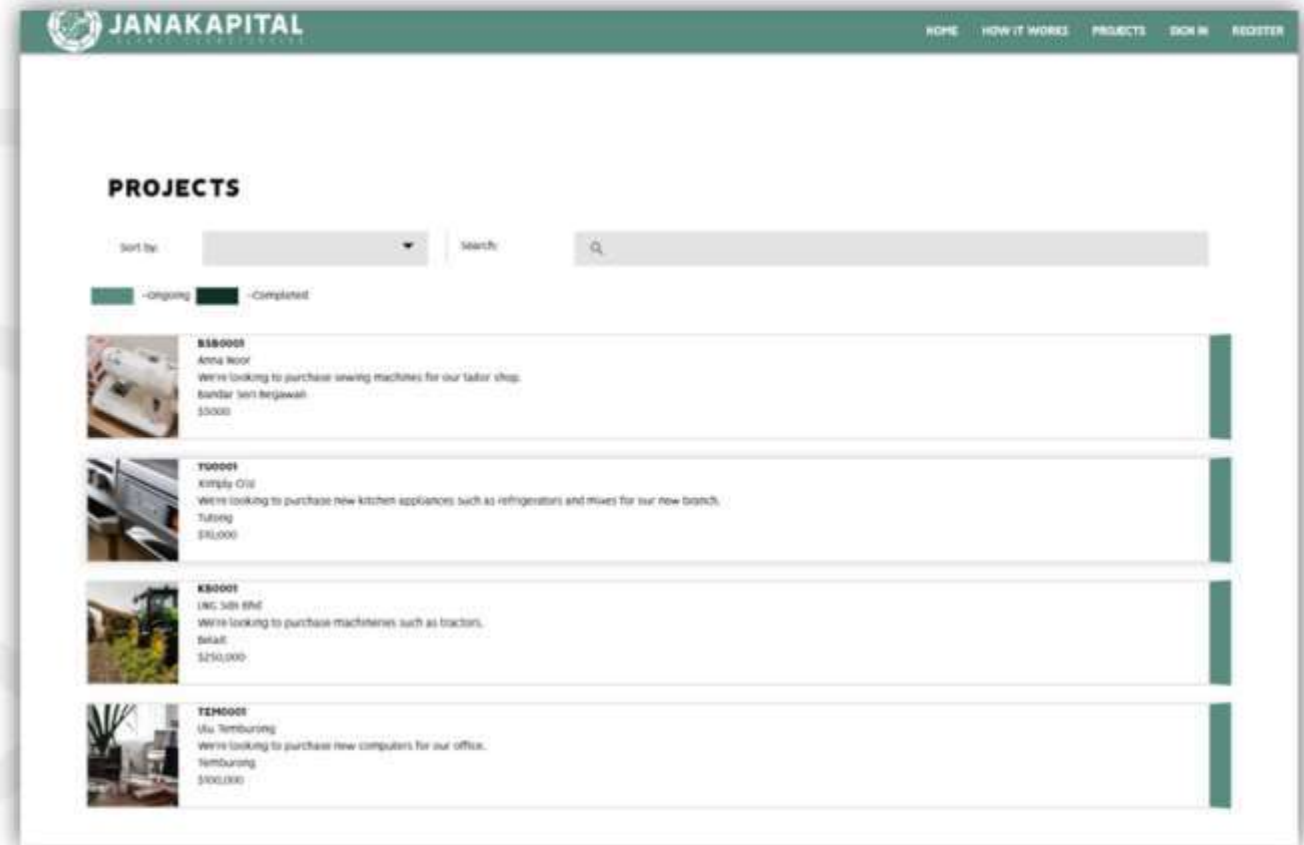
Business Plan or Project Descriptions and Financial Projections

JANAKAPITAL
ISLAMIC CROWDFUNDING

MSME or Startups Projects or campaigns meeting Minimum Set Criteria will be listed in The platform for an agreed crowdfunding campaign period.

Upon successful crowfunding campaign, where funds required are fully met by Investors:

✓ Sign **Sale & Purchase** agreements with Investors

✓ Purchase Intended Assets from Vendors on **behalf of Investors**

✓ **Utilise Assets** and Run Business Operations

✓ Startups or MSMEs Commitment to **Repay Principle and Profit to Investors on Deferred basis** at the end of an agreed tenure

FEES: As MSMEs or Registered Project Owners

FEE TYPE	Processing & Platform Maintenance Fee
RATE	BND150.00
DESCRIPTION	A one-time fee charged upon hosting of MSME project inclusive of: - Direct expenses; - Collateral registration; and - Platform maintenance.

JANAKAPITAL

FEE TYPE	Listing Fee
RATE	1%
DESCRIPTION	Fees charged by the Platform to MSMEs deductible upon successful funds raised.

JANAKAPITAL

FEE TYPE	Cancellation Fee
RATE	BND250.00
DESCRIPTION	The platform will charge the MSMEs a flat fee for cancelling a funding campaign that is already live on our platform (www.janakapital.com). If the campaign is cancelled before it is live on our platform, no charge is imposed on the MSMEs.

JANAKAPITAL

FEES : As Individual Investor or MSME as Investors

FEE TYPE	Wakalah Fee
RATE	1%
DESCRIPTION	Chargeable on top of every investment amount; appointing JK as an agent to carry out specific duties on behalf of investors.

JANAKAPITAL

FEE TYPE	Profit Sharing Rate
RATE	*20:80
DESCRIPTION	*Indicative Profit-sharing ratio, Platform: Investors basis.

JANAKAPITAL

FEE TYPE	Bank charges
RATE	*BND 10.00 - 20.00
DESCRIPTION	Payable by the Investors for any additional charges when remitting from and to JK's designated Trustee Accounts. *Refer to respective banks' Schedule of Tariff.

JANAKAPITAL
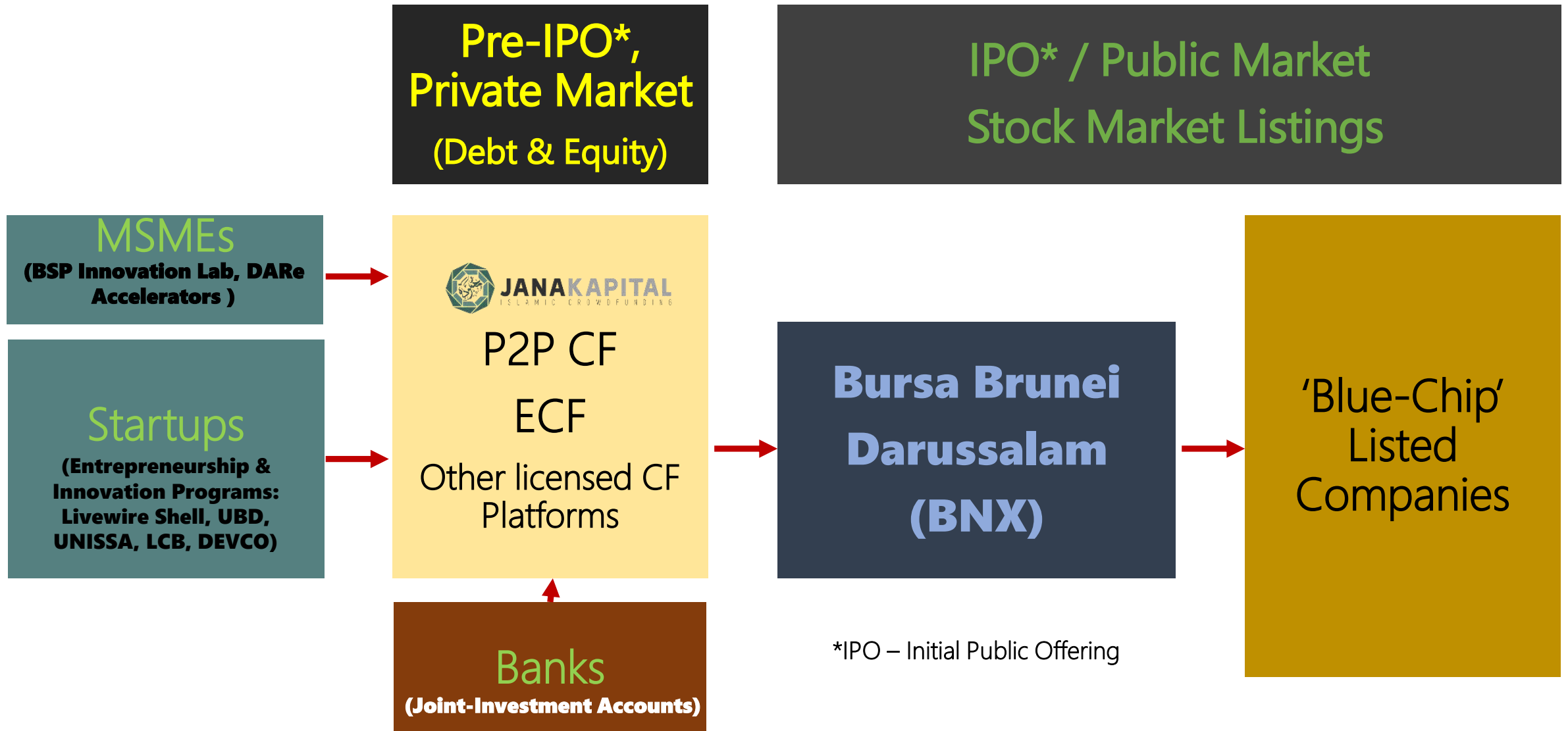
Investment Limits

The Platform operates on an *"All or Nothing"* principle. It may extend the fundraising period as it sees fit.

For unsuccessful campaign, where funds are under-target or under-invested, such campaign shall be withdrawn/de-listed.

Crowdfunding (CF): Shaping Brunei's Funding Eco-system

Pre-IPO*, Private Market
(Debt & Equity)

IPO* / Public Market Stock Market Listings

MSMEs
(BSP Innovation Lab, DARe Accelerators)

Startups
(Entrepreneurship & Innovation Programs: Livewire Shell, UBD, UNISSA, LCB, DEVCO)

JANAKAPITAL
ISLAMIC CROWDFUNDING

P2P CF

ECF

Other licensed CF Platforms

Bursa Brunei Darussalam (BNX)

'Blue-Chip' Listed Companies

Banks
(Joint-Investment Accounts)

*IPO – Initial Public Offering

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   aidil@janakapital.com

📷 @janakapital

in https://linkedin.com/company/jana-kapital

🏢 iCentre, Level 3, Simpang 32-37
   Kg Anggerek Desa, Berakas BB 3713

JANAKAPITAL
ISLAMIC CROWDFUNDING

INTRODUCTION TO BRUNEI INNOVATION LAB

REDEFINING THE POSSIBLE

WHO

SUPPORT AND DEVELOP

TECHNOPRENEURS

BUSINESS MENTORS & ACCELERATORS
Technology incubators and capability

INDUSTRY
Aggregator, developer and consumer tech

GOVERNMENT REGULATORS
Policies and infrastructure

SMALL & MEDIUM ENTERPRISES

BRUNEI INNOVATION LAB

STUDENTS

PRIVATE FUNDING BODIES
E.g. VCs and PEs – Connect for funding of tech development

EDUCATION AND RESEARCH
Repository and generation of new knowledge

GOVERNMENT FUNDING BODIES
E.g. CREATES– Connect for funding of tech development

WHY

Platform required for accelerating collaboration

Limited forums to facilitate discussions and tap on the opportunities among the various government and industry stakeholders

Technopreneurs need momentum

Limited opportunities, structure or groups for holistic development of technopreneurs

Gaps exist in understanding modern technology

Limited experience and understanding of business applications of modern technologies
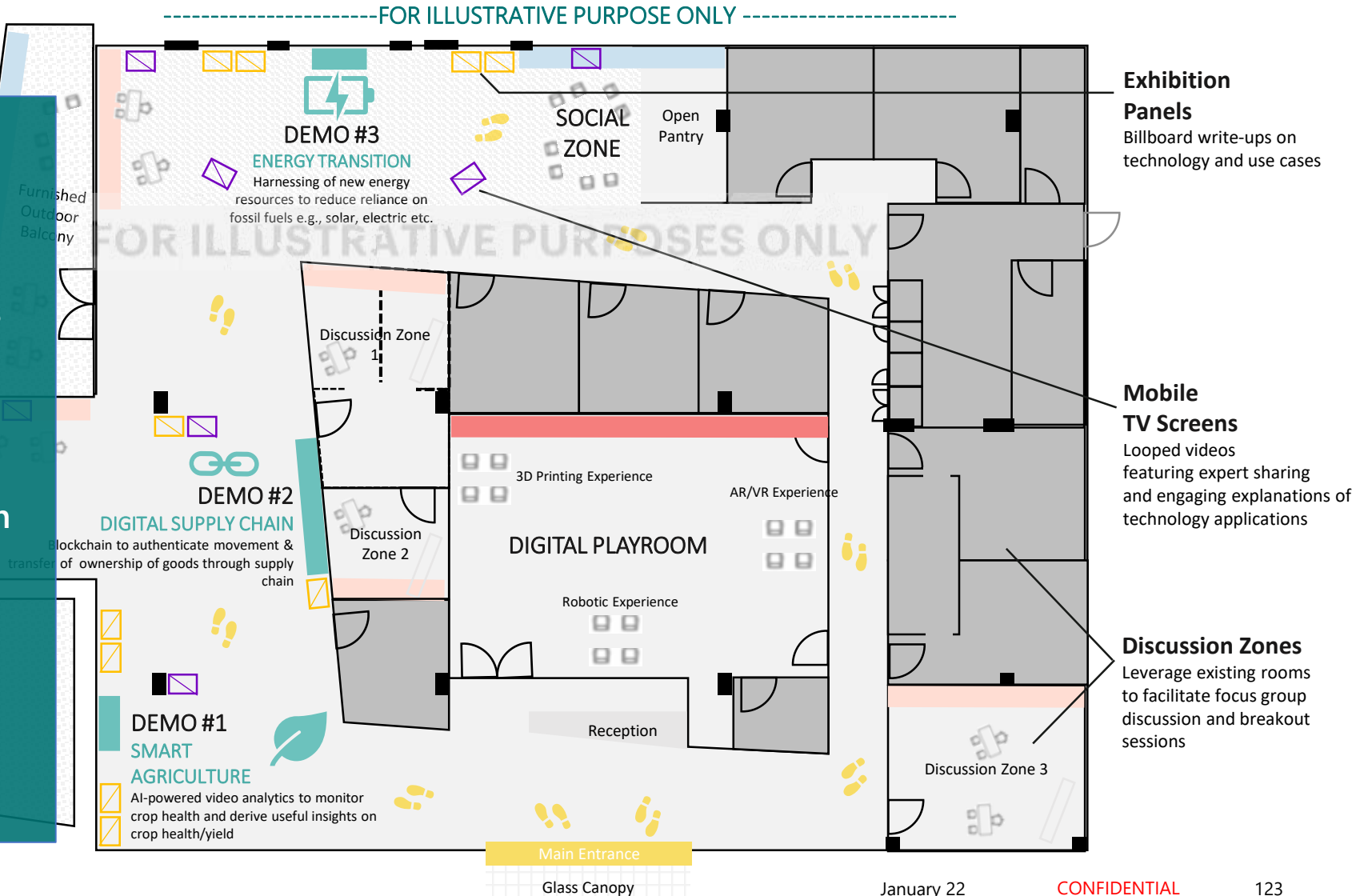
WHAT

2 | INNOVATE PROGRAMME

Enable acceleration of technopreneurs opportunities development

1 | SHOWCASE & FORUM

Showcase and events of chosen tech themes to show the art of the possible

3 | CAPABILITY ACCELERATOR

Dedicated programme to accelerate the knowledge of modern technology in Brunei Darussalam

- Modules to provide fundamental business knowledge to technopreneurs
- Aggregating current technopreneur development programmes

- Alignment to Digital Economy Masterplan
- Quarterly Innovation Events
- Freshly Curated Tech Content / Exhibits

- Go-To-Market Support
- Mentorship / Consultation
- Connections in Ecosystem / Sponsorships
- Funding
- Office Space / Facilities
- Community Building

1 | SHOWCASE & FORUM

DEMOS AND EVENTS OF THE SELECTED TECH THEMES TO SHOW THE ART OF THE POSSIBLE, TRIGGER INTERESTS, AND GENERATE OPPORTUNITIES

------------------------FOR ILLUSTRATIVE PURPOSE ONLY---------------------

KEY CHARACTERISTICS

1. Showcase of selected tech focus areas

2. Tech focus areas aligned to Brunei Digital Economy Masterplan

3. Events organized around selected tech focus areas to maximize the share of voice of BIL

4. Content/Exhibits refreshed every 6 months

DEMO #3
ENERGY TRANSITION
Harnessing of new energy resources to reduce reliance on fossil fuels e.g., solar, electric etc.

SOCIAL ZONE

Open Pantry

Furnished Outdoor Balcony

FOR ILLUSTRATIVE PURPOSES ONLY

Discussion Zone 1

DEMO #2
DIGITAL SUPPLY CHAIN
Blockchain to authenticate movement & transfer of ownership of goods through supply chain

Discussion Zone 2

3D Printing Experience

AR/VR Experience

DIGITAL PLAYROOM

Robotic Experience

Reception

DEMO #1
SMART AGRICULTURE
AI-powered video analytics to monitor crop health and derive useful insights on crop health/yield

Discussion Zone 3

Main Entrance

Glass Canopy

Exhibition Panels
Billboard write-ups on technology and use cases

Mobile TV Screens
Looped videos featuring expert sharing and engaging explanations of technology applications

Discussion Zones
Leverage existing rooms to facilitate focus group discussion and breakout sessions

2 | INNOVATE PROGRAMME

SUPPORT PROGRAM FOR TECHPRENEURS TO ENABLE ACCELERATION OF OPPORTUNITIES DEVELOPMENT

	Role of Incubator	Possible Partners
Go-To-Market Support	• Connections to business community to source relevant business development opportunities for the selected ideas	Government partners, industry partners
Coaching / Mentorship / Consultation	• Provide business acumen advisory • Guide approach to VCs and building investment pitch • Enable connections in adjacent business and knowledge areas	BSP "Mentor with Us", Representatives from BIL Advisory Committee,
Connections in Ecosystem / Sponsorships	• Provide access to policymakers to understand the policies • Provide networking opportunities with the business community • Enable access to wider business community to find founding team members	GoB partners: MoFE, MTIC, ME Industry Partners: BSP, DST, Others
Funding	• Review possible funding opportunities • Facilitate access to VCs and banks	VCs, PEs, Accelerators
Office Space and Facilities	• Arrange office facilities and space for partners	
Community Building	• Developing of tech communities in Brunei • Use of BIL as a space for community meetups and gatherings	

3 | CAPABILITY ACCELERATOR

DEDICATED MODULES AND PROGRAMMES TO ACCELERATE LOCAL BUSINESS COMMUNITY'S KNOWLEDGE OF MODERN TECHNOLOGY

3 | CAPABILITY ACCELERATOR

INDUSTRY VENDOR DEVELOPMENT PROGRAMME

Differentiated value proposition for technopreneurs through the capitalization of corporate assets to enhance vendors' tech capabilities in the industry

E B A Energy Business Academy

AgroBIZ

+

Industry-Oriented Programmes

AGGREGATING TECHPRENEURS DEVELOPMENT PROGRAMME

Aggregated platform to consolidate technopreneur development programmes between various organisations to provide **fundamental business knowledge to technopreneurs**

E B A Energy Business Academy

IBA Industry Business Academy

inno lab

HIEP

Join us to redefine
what's possible for
Brunei technopreneurs

THANK YOU!