ISLAMIC BANKING 2.0

FUTURE-PROOFING ISLAMIC BANKS FOR THE DIGITAL AGE

JANUARY 2022

QUINLAN &ASSOCIATES



TABLE OF CONTENTS

SECTION	TITLE	PAGE
Section 1	Islamic Banking Principles	2
Section 2	Macro Overview	7
Section 3	An Untapped Market	12
Section 4	Capability Requirements	26
Section 5	Digital Transformation Journey	36
Section 6	How Can We Help?	45
Section 7	About Quinlan & Associates	47

-1



SECTION 1 ISLAMIC BANKING PRINCIPLES



ISLAMIC BANKING OVERVIEW

Islamic banking is guided by – and operated under – Islamic principles defined by Qu'ran which, at its core, prohibits the charging of interest

Islamic Banking

Theoretical Framework



Core Islamic Banking Principles

Illustrative

1 RIBA	Lending with interest payments is considered an exploitative practice that favours the lender at the expense of the borrower
2 MAISIR	Any form of speculation or gambling is prohibited, and thus there cannot be any involvement in contracts depending on an uncertain event
3 GHARAR	Participation in contracts with excessive risk and/or uncertainty is prohibited, including derivative contracts and short-selling
4 FINALITY	Each Transaction must be related to a real underlying economic transaction (i.e. a tangible commodity should be exchanged)
5 ZAKAT	Islamic banks are obliged to pay 'Zakat' (i.e. a charitable sum), and may also function as zakat collection centres
6 HARAM	Certain activities are considered 'Haram' or forbidden, and investing in such activities is likewise forbidden
Key D	efining Principle / Notable Difference with Conventional Banking



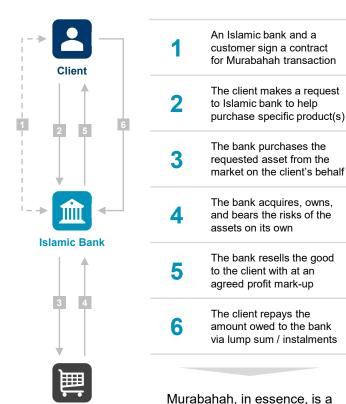
ESSENTIAL ISLAMIC BANKING CONCEPTS (1/2) – MURABAHAH

Two essential concepts: (1) Mudarabah; and (2) Murabahah, serve as an essential foundation for most Islamic banking product offerings, including Murabahah...

Murabahah

Market

Value Chain



Applications

Illustrative

Types	Description
Deposit Account (Tawarruq Account)	A client can deposit money and opt-in to a murabahah by tawarruq account, which allows the bank to use the deposit for economic activities to generate return for the client
Advanced Cash / Credit (Tawarruq)	Tawarruq is an arrangement between a client and an Islamic bank in which the client receives shariah-compliant cash through a series of sale transactions
Invoice Financing (Bai' al-Dayn)	Widely known as receivable finance, Bai' al- Dayn is an arrangement where the creditor sells an invoice to a third party to manage its working capital
Deferred Payment (Bai' Bithaman Ajil)	BBA is an arrangement between a client and an Islamic bank in which the client receives the requested asset and makes a deferred payment to the bank

cost-plus financing agreement

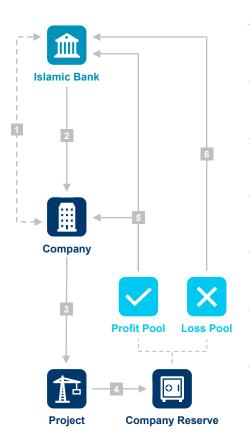


ESSENTIAL ISLAMIC BANKING CONCEPTS (2/2) – MUDARABAH

...as well as Mudarabah

Mudarabah

Value Chain



- The Islamic bank and customer (company) sign a bilateral contract
- The bank ("Rabbul Mal") provides capital to the company ("Mudarib")
- The company finances a project using the capital provided by the bank
- The project generates revenue, which is channelled to the company reserve
- The profit is distributed based on an agreed profit sharing ratio
- Any economic loss from the project is borne by the bank alone

Mudarabah, in essence, is a profit sharing agreement

Application

Illustrative

Types

Description





A principal ("muwakkil") appoints an agent ("wakeel") to make an investment on his / her behalf to generate a return and share the profit between the two parties





Joint Venture (Musyarakah)

An institutional client could set up a joint investment entity with the Islamic bank to share both profit and loss when launching and operating a business initiative





Insurance*
(Mudarabah Takaful)

A participant can subscribe to Takaful Mudarabah, managed by a Mudarib, to get additional returns from contributions post deduction of operational costs



ISLAMIC FINANCE PRODUCTS

A wide variety of Shariah-compliant financial products are commonly offered by Islamic banks to serve both retail / corporate clients

Products offered by Islamic Banks in Malaysia



Islamic Concepts / Products*	Traditional Equivalent	Description
Savings Account	Savings Account	An account that allows a customer to deposit, withdraw, and transfer money
Qard Account	Savings Account	A savings account that only protects the asset against external threats, without generating any return
Murabahah via Tawarruq Account	Savings Account with Return	A savings account that allows banks to leverage deposits to gain additional returns, and share profits with the client
Tawarruq	Credit Service / Cash Advances	An arrangement between a client and the bank where the client receives cash through a series of sale transactions
Bai' al-Dayn	Sales of Debt / Factoring	An arrangement whereby two parties agree to buy or sell debt securities with a set of predefined conditions
Bai' Bithaman Ajil ("BBA")	Deferred Payment	A financing arrangement where the bank provides credit to a customer through a tripartite arrangement
Home Financing	Mortgage	BBA (Murabahah in practice) concept applied to home financing
Vehicle Financing	Vehicle Financing	BBA (Murabahah in practice)concept applied to vehicle financing
Equipment Financing	Asset Financing	BBA (Murabahah in practice) concept applied to equipment financing
Wakalah bi al-Istithmar	Investment Account	A shariah compliant investment arrangement between a principal and an agent
Musyarakah	Joint Venture	A joint venture arrangement between the bank and the business
Al-Ijarah Thumma Al-Bai' / AITAB	Lease Agreemen	An arrangement where one party purchases and leases an asset to another party, with agreed ownership transfer
Home Financing	Mortgage / Home Leasing	ljarah / AITAB concept applied to home financing
Vehicle Financing	Vehicle Financing / Leasing	Ijarah / AITAB concept applied to vehicle financing
Equipment Financing	Asset Financing / Leasing	ljarah / AITAB concept applied to equipment financing
Istisna'	Project Financing	Project financing, particularly for large-scale projects such as construction, infrastructure, and industrial projects
Takaful	Mutual Protection	A Shariah compliant insurance based on a concept that individuals are responsible to protect one another
General Takaful	General Insurance Product	Non-investment linked takaful product that only provides protection against the specified risk to the takaful participants

Note: There may be a discrepancy in the naming protocol and the legality of Islamic banking products by each Islamic jurisdictions (due to a difference in religious interpretations) Source: Islamic Financial Services Board, Zico, Quinlan & Associates analysais



SECTION 2 MACRO OVERVIEW

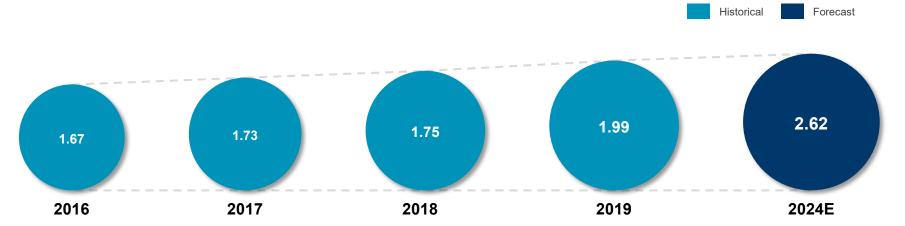


GROWTH OF ISLAMIC BANKING

Supported by numerous favourable tailwinds, the Islamic banking industry is forecast to experience tremendous growth, with total assets reaching USD 2.62 trillion by 2024

Global Islamic Banking Asset Size

2016-24E. USD trillion



#######

Rapid Population Growth

The Muslim population is experiencing significant growth at a CAGR of almost 2x the global average

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Historical Credibility

Compared to conventional banking, Islamic banking is considered to be a more credible alternative

3 (



Growing Appeal of ESG*

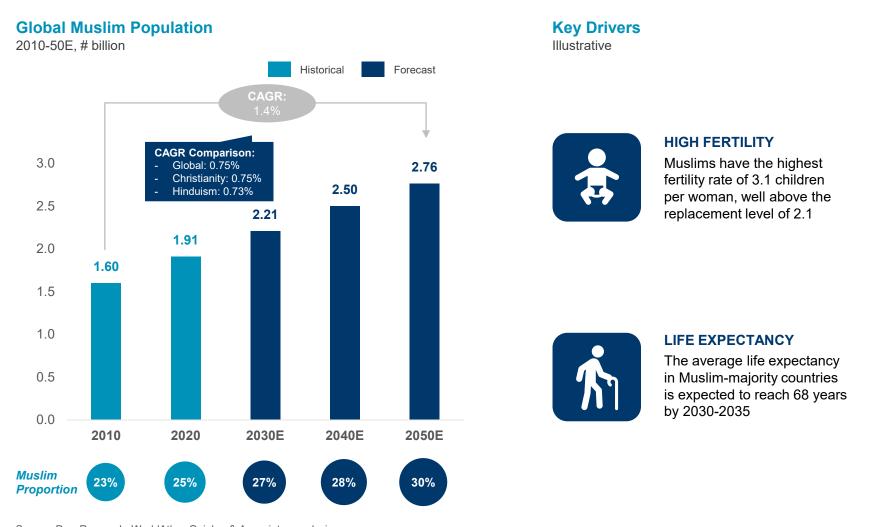
The growing interest in ESG and sustainable investing has increased the global appeal for Islamic banking

^{*}ESG = Environmental, Social, and Governance Source: ICD, Refinitiv, Quinlan & Associates analysis



GROWTH DRIVERS (1/3) – RAPID POPULATION GROWTH

The global Muslim population is expected to reach 2.8 billion by 2050, propelled by: (1) high fertility rates; and (2) increased life expectancy

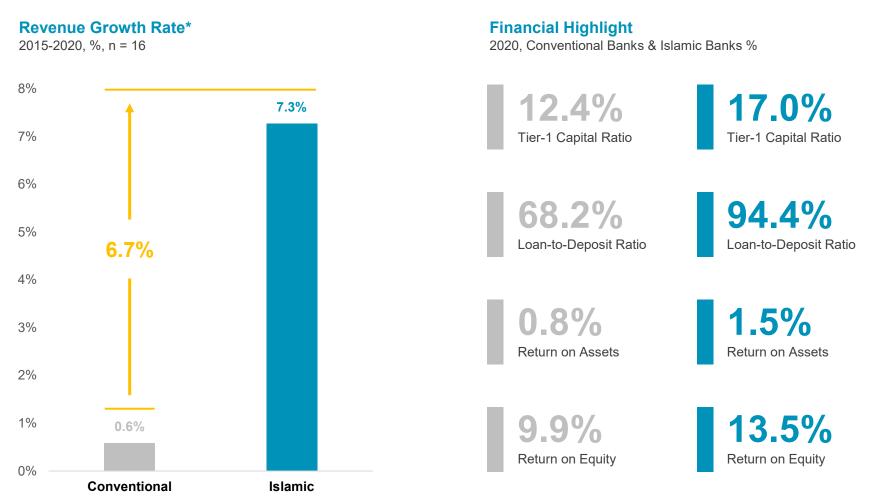


Source: Pew Research, WorldAtlas, Quinlan & Associates analysis



GROWTH DRIVERS (2/3) – HISTORICAL CREDIBILITY

Islamic banks' prioritisation of social welfare, justice, and sustainability, has seen them deliver significantly more robust financial performance metrics than their non-Islamic peers



Note: Average YOY revenue growth rate per year of top conventional and Islamic banks with the highest asset values (Conventional Banks: Bank of America, HSBC, Wells Fargo, etc., Islamic Banks: Al Rajhi Bank, Dubai Islamic Bank, Kuwait Finance House, etc.) Source: Bloomberg, Quinlan & Associates analysis

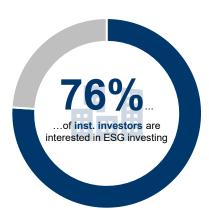


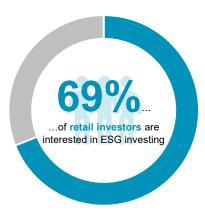
GROWTH DRIVERS (3/3) – GROWING APPEAL OF ESG

With rising global interest in ESG and sustainable investments, Islamic finance and Shariah-compliant investments are rapidly becoming more appealing to global investors

ESG Investment

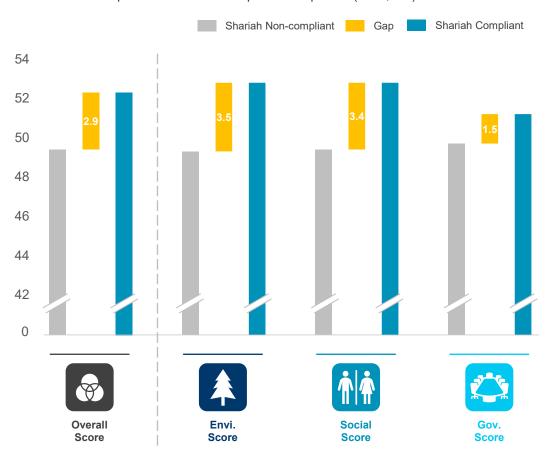
Institutional vs Retail Investors





ESG Scores

Shariah Non-compliant vs Shariah Compliant Companies (N= 5,000)



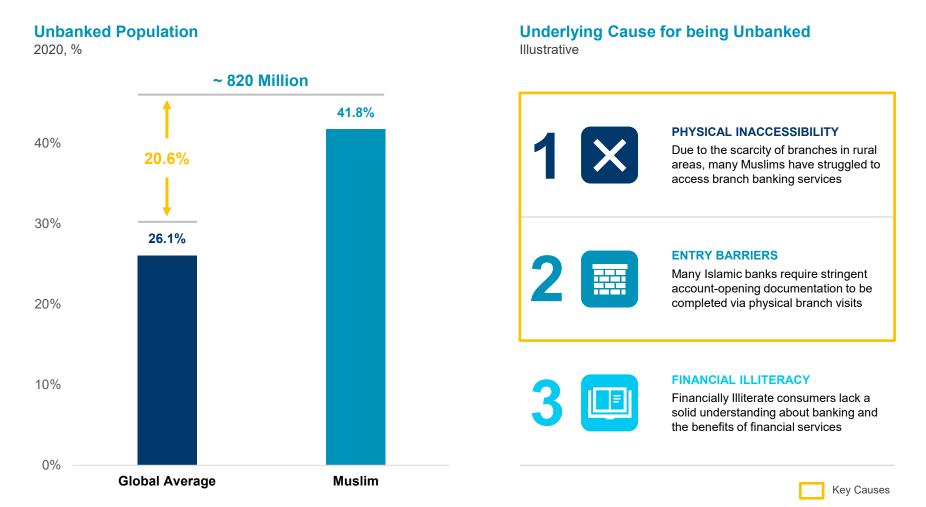


SECTION 3 AN UNTAPPED MARKET



UN(DER)BANKED POPULATION

Despite strong growth potential, there are still ~820 million unbanked Muslims globally, reflecting: (1) physical inaccessibility; (2) entry barriers; and (3) financial illiteracy



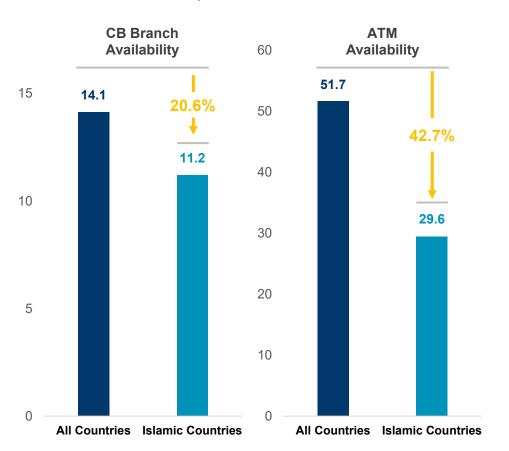


UN(DER)BANKED DRIVERS (1/2) – PHYSICAL INACCESSIBILITY

Physical inaccessibility remains a key issue in many Islamic countries, with below average availability of commercial banks and ATMs

Banking Service Accessibility

Number of CB1 Branch / ATM2 per 100,000 adults



Commercial Bank & ATM Availability

Notable Islamic Countries, Ranked by CB Branches

Rank (#)	(Islamic)	CB Branches (per 100,000)	ATMs (per 100,000)
1	Kazakhstan	2.5	85.9
2	Iraq	3.7	4.1
3	Nigeria	4.1	16.9
4	Algeria	5.2	9.6
5	Egypt	7.9	20.1
6	Saudi Arabia	8.0	73.3
7	United Arab Emirates	8.6	60.9
8	Bangladesh	9.0	9.4
9	Malaysia	10.0	44.7
10	Pakistan	10.5	10.8
11	Qatar	11.1	54.8
12	Indonesia	15.3	53.4
13	Turkey	15.6	84.0
14	Morocco	24.4	28.6
15	Iran	33.9	88.4

Note: 1. CB = Commercial Bank, 2. ATM = Automated Teller Machine, 3. Ranked based on CB accessibility (1 = least accessible, 15 = most accessible) Source: World Bank, Euromonitor, Quinlan & Associates analysis



UN(DER)BANKED DRIVERS (2/3) - ENTRY BARRIERS

Moreover, stringent documentation requirements need to be fulfilled in-person via physical branch visits, impeding the customer onboarding and product application process

Retail Customers

Account Opening Requirements (Malaysia)





Requirements	Citizen	Foreigner
Identification Card	✓	✓
Driving Licence	✓	✓
Utility Bills	✓	✓
Birth Certificate	✓	✓
Occupation	✓	✓
Tax Residency	✓	✓
Politically Exposed Person Status	✓	✓
Personal Data Protection Act	✓	✓
Work / Study Permit	×	✓
Passport	×	✓
Letter of Appointment	×	✓
Provident Fund Statement	-	-

SME Customers

Account Opening Requirements (Malaysia)

	#
Requirements	SMEs
Certification of Registration	✓
Certification of Incorporation	✓
Authorised / Paid-up Capital	✓
Office Registration Details	✓
Particulars of Key Personnel	✓
Letter of Guarantee	✓
Collateral (e.g. Deposit / Property)	✓
Memorandum	✓
Corporate Profile	✓
Financial Background	-
✓ Applicable - Depen	dent × Inapplicable



UN(DER)BANKED DRIVERS (3/3) - ENTRY BARRIERS

There continue to remain significant access barriers, especially with lending-style products (such as credit cards and personal/SME financing), given minimum threshold requirements

Deposit unt Balance	RM20 - RM8 RM8	RM20 RM10 - RM8	RM100 RM10 RM8	RM20 RM20	RM20 RM20	RM250 RM20	RM20	RM20
al Income	RM8		RM8				RM20	RM10
al Income			RM8	RM10 RM10	RM15 RM15	× RM8	RM8 ×	× RM8
	N/A N/A	RM24,000 *	N/A N/A	RM24,000 RM130	RM24,000 ×	RM24,000 RM150	N/A N/A	RM24,000 *
al Contribution	-	RM1,200 -	RM1,000 -	-	RM2,400 6%	RM8,000 5%	-	- RM10
	RM1,000 -	-	-	-	RM1,000 RM1,000	-	RM100 -	RM10 RM1
it / Advance	-	RM36,000 - RM2,000	RM24,000 - RM10,000	RM24,000 ✓ RM10,000	RM9,600 - RM3,000	RM36,000 x RM5,000	RM36,000 - RM5,000	RM18,000 - RM5,000
	RM500	RM3,000	RM2,000 ×	RM500 ×	RM1,000 RM10	RM3,000 ×	RM500	RM500 ×
al Turnover Rablishment		RM100,000 - 2 Years	RM10,000 - - - √	RM100,000 - 3 Years	- - 3 Years ×	RM100,000 - - -	RM50,000 RM500,000 3 Years	- - -
t	Investment eq¹ Investment al Income it / Advance t Size Deposit unt Balance t Size R R	Investment eq1 Investment - al Income it / Advance t Size Deposit unt Balance al Turnover ablishment arantee RM1,000 RM24,000 RM5,000 RM500 RM500 RM500 RM500 3 Years	Investment	Investment	Investment	Investment	Investment	Investment RM1,000 - - - RM1,000 - RM100 - - RM1,000 - - -

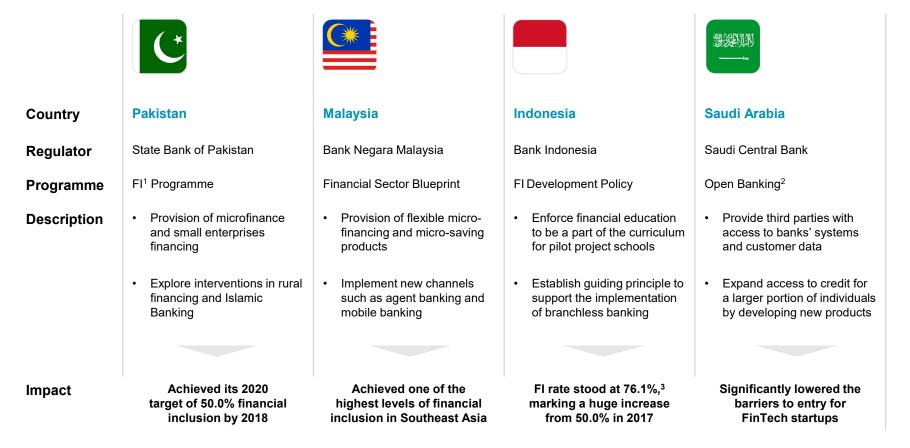


REGULATORY PUSH FOR FINANCIAL INCLUSION

Recognising such structural problems, governments of various Islamic countries have been pushing for increased financial inclusion as an overarching policy objective

Regulatory Development

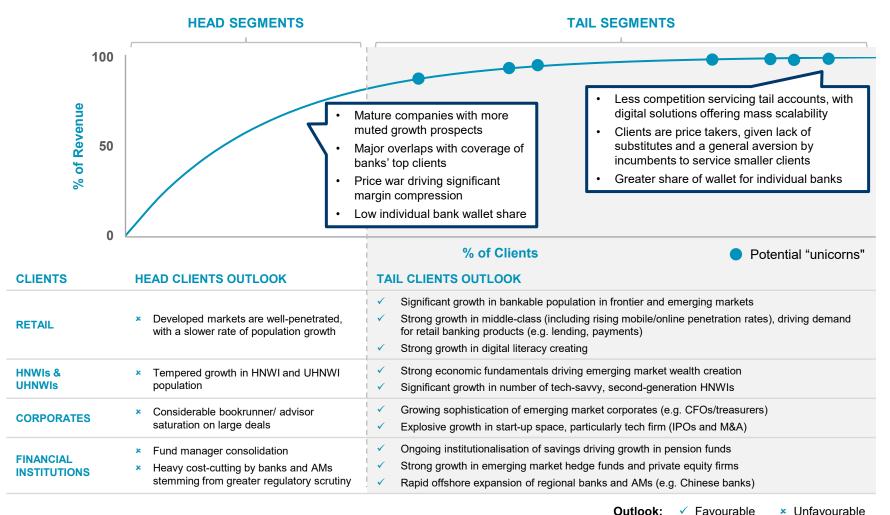
Illustrative





THE LONG TAIL: GROWING MARKET POTENTIAL

Rapidly evolving market and competitive dynamics are also creating a more attractive coverage proposition for Islamic banks to cover long tail clients





RISING INTERNET ACCESSIBILITY

Moreover, growing broadband connectivity in many Islamic countries is providing a key channel for Islamic banks to access long tail customers

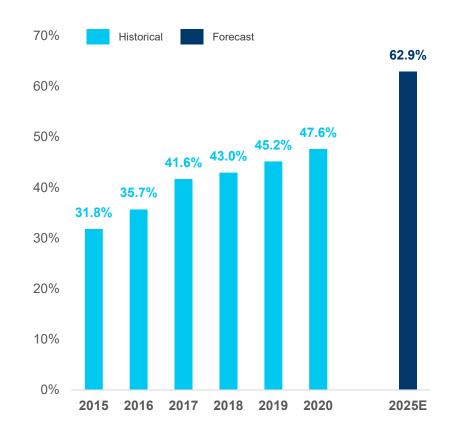
Countries in Scope

2020, Top 40 Islamic Countries*

Ranking (#, GDP)	Country (Islamic only)	Muslim (% Total)	GDP (in USD million)
1	Indonesia	87.2%	1,058,424
2	Iran	99.4%	812,308
3	Turkey	99.2%	718,495
4	Saudi Arabia	97.1%	700,118
5	Nigeria	49.6%	432,900
6	United Arab Emirates	76.0%	379,783
7	Egypt	92.4%	369,572
8	Malaysia	61.3%	336,911
9	Bangladesh	90.4%	326,960
10	Pakistan	96.5%	257,129
11	Iraq	95.7%	171,947
12	Kazakhstan	70.2%	171,240
13	Algeria	99.0%	153,280
14	Qatar	77.5%	146,373
15	Morocco	99.0%	114,788
40	Maldives	98.4%	3,762

Internet Accessibility

2015-25E, Top 40 Islamic Countries*



Note: Defined as countries with >50% of Muslim Population

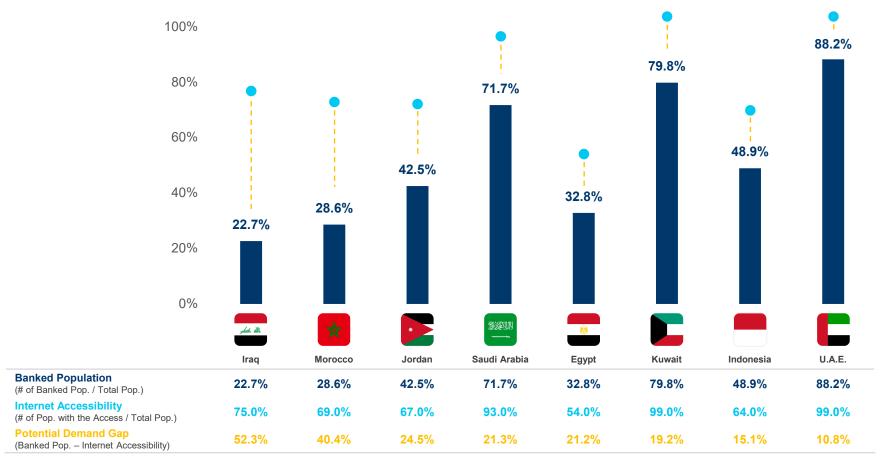


THE DIGITAL WHITE SPACE

The gap between unbanked population vs. internet accessibility rates indicates a large pool of potential customers that could be captured by implementing the right digital solutions

Potential Reach

Long-tail Segment



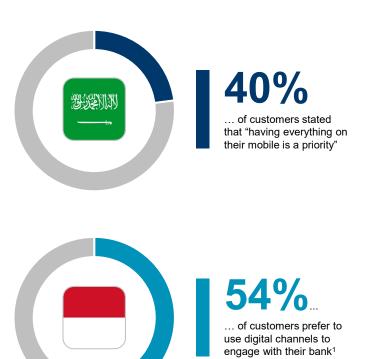


GROWING CUSTOMER PREFERENCE TOWARDS DIGITAL

In fact, for basic banking services, mobile banking has been the preferred banking channel in Islamic countries compared to branch banking

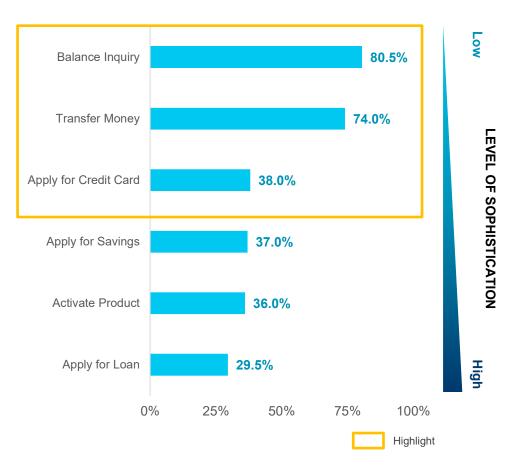
Mobile Banking Survey

2021, Indonesia



Mobile Banking Activities

Islamic Countries, %



^{1.} During financial hardships Source: PR Newswire, Statista, Quinlan & Associates estimates



LEGACY BANK MOBILE APP OFFERINGS

However, Islamic bank mobile apps continue to have significant gaps vs. their non-Islamic peers, especially with regards to SME customers, online account opening, etc.





DIGITALISATION OF BANKING SOLUTIONS

Understanding the demand for digital banking solutions, a number of Islamic banks have been launching their own spin-off version of virtual banks

DANIZING CEDVICES

Notable Trend

Islamic Countries

				BANKING	SERVICES		
Customer Preference	ce	Virtual Bank	Savings	Bill PMT	Cards	Loan	Parent Company
	80% of customers demands banking services / products to be accessible on mobile	mashreq WCO Founded in 2017	√	✓	✓	✓	المشرق mashreq
3.200	40% of customers stated that "having everything on their mobile is a priority"	رن بلتك الطليع الحوامي من بلتك الطليع الحوامي ومن بلتك الطليع الحوام by Gulf International Bank Founded in 2017	✓	✓	√	✓	GiB
	54% of customers prefer to use digital channels to engage with their bank¹	JENIUS Founded in 2017	✓	√	√	-	btpn'
				✓	Applicable	- Depend	lent × Inapplicabl

^{1.} During financial hardships
Source: PR Newswire. The National News. Bank websites Quinlan & Associates estimates



IMPORTANCE OF MICROSERVICES

In particular, the ability to offer microservice products is critical for Islamic banks looking to tap into the long-tail retail and SME segment

Value Add Services

Retail

Offered Services	Description
Monthly Investment Plan	An automatic, recurring investment made on a monthly basis
Personal Finance Advisory	Financial planning advice for helping retail customers achieve their financial goals
eCommerce	Create an eCommerce marketplace for customers to purchase goods directly from
Prepaid Reload	Allow customers to reload their mobile balance via online payment
Buy-now-pay-later	A deferred payment model for financing purchase of consumer goods
Budgeting Tools	A summarised view of expenditures, categorised into buckets
Auto Sweep Facility	Automatic shifting funds to / from a fixed / term or savings account
Auto Invest Facility	A micro investing option for customers to round-up transactions and invest the diff.
Discount Scheme Aggregator	Aggregator for online deals offering (e.g. discounts etc.), to help save money
Bill Splitting	Division of a bill amongst a group of people based on individual expenses

Value Add Services

MSME

Offered Services	Description
Business & Financial Advice	Intuitive and professional business and financial advice to help guide MSMEs
Analytics Dashboard	A dashboard providing a holistic and visualised overview of business mgmt.
Book Keeping and Reporting	Integrated online accounting tools and services for management of finances
Cashflow Management Tools	Help keep track of sales and manage cashflow in an efficient manner
Automation of Payroll	Automate payroll responsibilities to enhance operations / resource efficiency
Multi-Payment Channels	Enhance flexibility in making payments, by offering multiple payment channels
Marketplace Access	Extend merchant services through a digital marketplace
Logistics Support	Provide extensive logistics support in the form of procurement, warehousing, etc.
CRM Support	Support leads generation, sales conversion, and customer retention
Digital Marketing Support	Provide online marketing campaign management to build brand awareness



REVENUE POTENTIAL

We project a global retail wallet opportunity of over USD 38 billion that could be captured by Islamic banks at the forefront of digital by 2025

Global Islamic Banking Market Size

2020-2025E, USD Billion





SECTION 4 CAPABILITY REQUIREMENTS

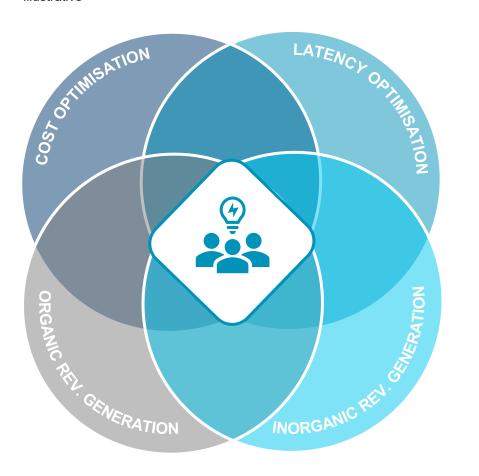


DIGITAL TRANSFORMATION

To capture this untapped market, Islamic banks need to drive carefully crafted digitalisation initiatives across their front-to-back operations

Transformation Drivers

Illustrative





Cost Optimisation

Reduce company resources relating to manpower, time, and effort regarding data usage within an organisation



Latency Optimisation

Facilitate faster decision-making by streamlining the data collection and insight generation process



Inorganic Revenue Generation

Create and validate a business strategy via the support of a data system, which comes before organic revenue generation



Organic Revenue Generation²

Robust data collected upon attainment of an ideal data system and value chain ultimately informs business strategy

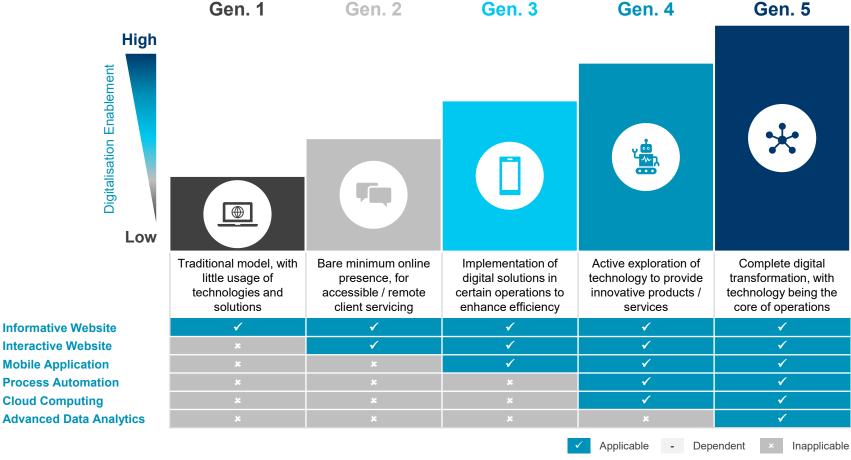


STAGES OF DIGITAL TRANSFORMATION

To unlock the full market potential, Islamic banks should consider implementing technological solutions for their core banking operations

Digital Transformation

Key Stages



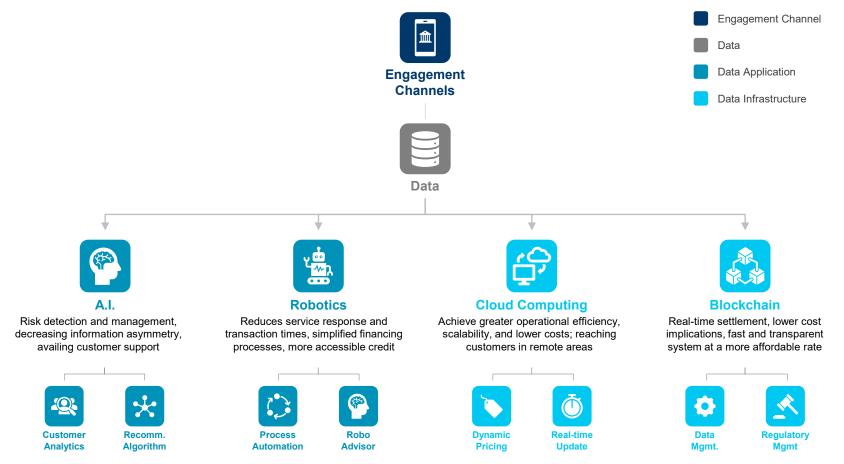


TECHNOLOGY PILLARS

To set up an alternative banking channel, there are four technology pillars that Islamic banks should consider: (1) A.I., (2) Robotics, (3), Cloud Computing, and (4) Blockchain

Digital Solutions

Technology Supporting Digital Transformation





TECHNOLOGY PILLARS: HONG KONG'S VIRTUAL BANKS

Leading virtual banks have deployed innovative technologies across the entire customer journey, servicing long tail customers in a cost-effective, scalable manner

Customer Journey

Hong Kong Virtual Banks

			RETAIL FOCUSED			RETAIL SKEWED		SME SKEWED		
			mox	ĺjaj	WeLab Bank	FusionBank	Z	airstar	IP/NO bank	ĂNT BANK
ACQUIRE	Prospecting / Marketing	Social Media	✓	✓	✓	✓	✓	✓	✓	✓
		Targeted Ads	✓	✓	✓	✓	✓	✓	-	×
		SEO / ASO	✓	✓	✓	✓	✓	✓	✓	✓
		OCR	✓	✓	✓	✓	✓	✓	✓	✓
	Customer	Facial Recognition	✓	✓	✓	✓	✓	✓	✓	✓
	Onboarding	Data Verification	✓	✓	✓	✓	✓	✓	✓	✓
SERVE	Product Development	Financial Data	✓	✓	✓	✓	✓	✓	✓	✓
		App Usage Data	✓	✓	✓	✓	✓	✓	✓	✓
		Third-Party Data	✓	✓	✓	✓	✓	✓	✓	✓
	Product / Service	Budgeting Tools	✓	×	×	×	×	×	×	×
מ		Gamification	✓	-	×	×	✓	×	×	
	Recommending	Credit Scoring	-	-	✓	✓	✓	✓	✓	-
		Chatbot	×	×	✓	ж	✓	×	×	×
	Maintenance and Servicing	Live Chat	×	✓	-	✓	×	×	×	
MAINTAIN		24/7 Hotline	✓	✓	✓	✓	✓	✓	✓	✓
	Data	Cloud	✓	✓	✓	✓	✓	✓	✓	✓
		Cybersecurity	✓	✓	✓	✓	✓	✓	✓	✓
	Management	Fraud Detection	✓	✓	✓	✓	✓	✓	✓	_



DIGITAL MODEL BENEFITS - FASTER & BETTER

Other than being able to access the long-tail segment through digital channels (e.g. apps), digitalisation can enable a faster and more streamlined customer journey

Estimated Time

Traditional Model vs. Digital Model

	Traditional Model	Estimated Time		Digital Model	Estimated Time
Visit	A client queues up at a physical branch to talk to a teller	60 minutes	Download	A user downloads the digital banking app available on the app store	3 minutes
Consult	The client asks questions to select the most suitable account	30 minutes	Register	The user creates an account by providing relevant information	5 minutes
Submit	The client drafts the application and attaches supporting documents	30 minutes	Identify	The user navigates through the options to select the most suitable product	5 minutes
Review / Approve	The Islamic bank conducts a manual KYC process for approval	7 working days	Review	The user submits supporting documents as part of an application	10 minutes
Collect	The client visits a physical branch to collect the ATM card	30 minutes	Approve	The bank performs a KYC process through more advanced means	1 working day
Activate	The client asks the responsible officer to activate the account	30 minutes	Collect / Activate	The active digital bank account is available immediately post-approval	1 minutes

171 hours

Minimum required hours

24 hours
Minimum required hours



CASE STUDIES (1/2) - GLOBAL INCUMBENTS

Various global incumbents have initiated their digital transformation journeys in order to improve: (1) revenue enhancement; (2) customer experience; and (3) cost optimisation

Digital Transformation

Global Incumbents



Type

Problem Statement

Transformation Initiative

Technology Deployed

Business Impact

Revenue Enhancement

Deep-rooted Stereotype

 Widespread stereotype that HSBC was for the older, wealthier audience was deep-rooted

Digital Marketing

 Focused on digital marketing and social media promotion to acquire Millennial customers

Artificial Intelligence

 Utilised AI to understand clients' behaviours and identify their mostused social media channels

Global Presence

 HSBC is active on a range of social media channels in more than 20 countries and territories

Bank of America



Customer Experience

Heightened Expectations

 Due to heightened expectations and inadequate consumer service, customer experience continues to be a shortfall

Virtual Assistant

 Developed a chatbot, Erica, that can resolve simple banking tasks and answer basic customer queries

Natural Language Processing

 Used NLP software for text mining in order to search for account information and past transactions on request

Improve Efficacy

 Erica reported 19.5 million users, over 100 million interactions, and 90% efficacy for useful answers



Cost Optimisation

High Expenses

 Cost-cutting remains a challenge, with expenses much higher than peers (e.g. Citigroup, Bank of America)

Operational Efficiency

 Developed 300+ automations and expanded RPA team to improve process execution and operational efficiency

Robotics Process Automation

 Utilised software to automate routine financial and banking operations quickly and consistently

Target Fulfilment

 The firm is expected to cut USD 4.6 billion in expenses in 2021, down nearly 8% vs. 2020



CASE STUDIES (2/2) - ISLAMIC INCUMBENTS

We are seeing a number of leading Islamic banks follow suit, though progress appears to be lagging vs. global incumbents

Digital Transformation

Notable Islamic Banks



Type

Problem Statement

Transformation Initiative

Technology Deployed

Business Impact

Customer Acquisition

Lack Strategic Clarity

 No clear strategy to acquire techsavvy customers, especially Millennials and Gen Z

Digital Marketing

 Differentiated and focused digital marketing approach across all segments served

Search Engine Optimisation

 Increased the quality and quantity of website traffic through search engine optimisation

Huge Following Base

 One of the largest groups of social media followers of any bank within the Kingdom



Customer Experience

Competitive Landscape

 Competitive banking landscape has prompted Bank Islam to find new ways to improve customer experience

Mobile On-boarding

 Became the first Malaysian Bank to deploy a mobile on-boarding channel for retail customers

Biometric Identification

 Captured biometric data such as facial features and fingerprint(s) from users to authenticate their identity

Improve Efficacy

 With MOB, it only takes 6 minutes to open an account, compared with more than an hour via non-digital means



Cost Optimisation

Global Pandemic

 The global pandemic outbreak created an immediate pressure for KFH to improve its overall cost efficiency

Loan Application

 Facilitated customer loan applications without manual effort to reduce workload for staff members

Robotics Process Automation

 Employed a robot assistant to create credit reports and review for applicants autonomously

Target Fulfillment

 The delivered a significant reduction in staff expenses, which fell by 5.6% in 2020 when compared with 2019

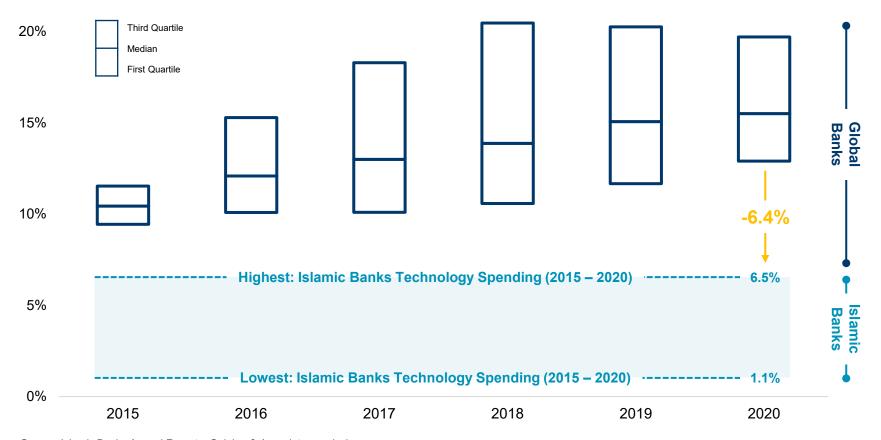


IT EXPENDITURE COMPARISON

This can be clearly seen with technology spending, with Islamic banks only investing 1.1-6.5% of their total expenditure in IT, far less than their global counterparts

IT Expenditure

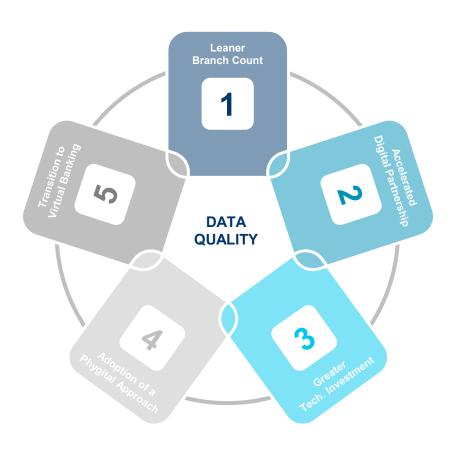
2015-2020, Global Banks vs Islamic Banks, % Total Expenditure





FUTURE POSITIONING

As traditional banking models disappear, we expect to see a variety of adaptations by incumbents to cope with the drastically changing landscape





Leaner Branch Count

Reducing the number of physical branches to cut operational costs and spread locations out more strategically



Accelerated Digital Partnerships

Closing gaps in technological expertise through increased partnerships with third-party FinTech companies



Greater Technology Investments

Increased investments in research and development of new technology areas, such as machine learning, A.I., Big Data, etc.



Adoption of a Phygital Approach

Combining online presence and physical approach to create a unique customer experience and differentiated competitive edge



Transition into Virtual Banking

Investing in / buying out / merging with established / newly formed virtual banks for a smoother transition into the digital banking arena



SECTION 5 DIGITAL TRANSFORMATION JOURNEY



DIGITAL TRANSFORMATION PROJECT (1/2) – OVERVIEW

To create an effective digital transformation strategy, traditional Islamic banks will need to consider various key steps along their digital transformation journey



PROJECT CONSIDERATIONS



Impact to Business

Based on the overall impact of the data solution and stated goals of the firm



Resources

Based on financial feasibility and manpower to accomplish projects



Time

Based on how mission critical systems are and if downtime is acceptable



Infrastructure

Based on the salvageability of existing systems and operations

PROJECT TYPES



Strategic

Large-scale projects that steer an entire business



Tactical

Projects that aim to fulfil higher strategic goals



Operational

Projects that are designed to optimise existing processes

PROJECT FRAMEWORK

BUSINESS, APPLICATION, INFO, TECH

(Project Perspective)

A framework within a data strategy project that lays out steps, from formulation to execution, with details and components



CHANGE MANAGEMENT

(Impact Perspective)

A unifying strategy that ties together appropriate policies and incentives to develop a data-centric culture



DIGITAL TRANSFORMATION PROJECT (2/2) – FRAMEWORKS

The BAIT framework can be used to guide this journey, supported by a robust change management framework to ensure successful project delivery

Digital Transformation Frameworks

Based on Perspectives

BAIT CHANGE MANAGEMENT (Project Perspective) (Impact Perspective) Information **Technology Business Applications** Culture Governance Identify the objectives Translate business Design schematics on Enabling the previous Crafting a data-centric Creation of a clear and limitations that will requirements and convert data models, quality, and stages' requirements culture via incentives communications strategy platform designs and frameworks shape future steps them into technical specs through technology to champion change **STRATEGIC PROJECTS TACTICAL PROJECTS OPERATIONAL PROJECTS**

Applicable

Dependent

Inapplicable

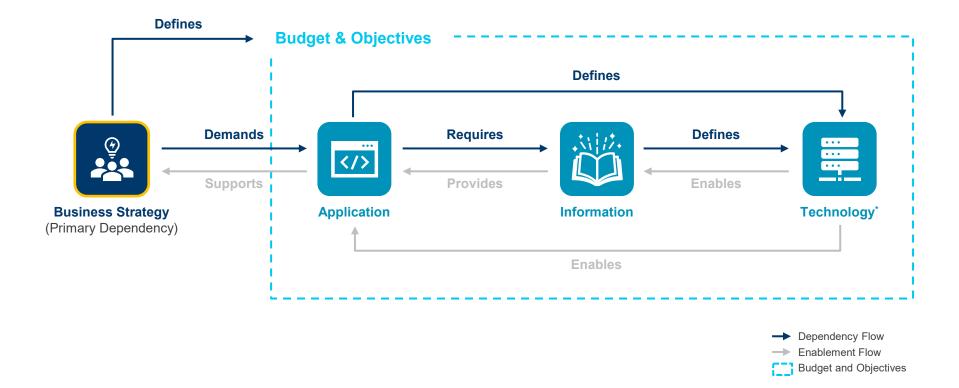


BAIT FRAMEWORK (1/3) – DEPENDENCIES

Every pillar of BAIT framework is interdependent and supports one another, though business strategy remains the linchpin (i.e. primary dependency) of success

Pillars Dependencies

BAIT Framework



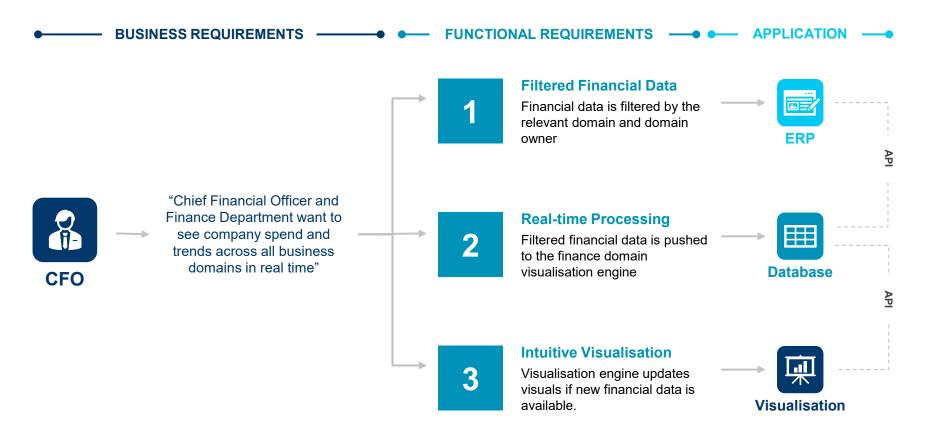


BAIT FRAMEWORK (2/3) – APPLICATION MAPPING

For example, tools and APIs that are not mapped to relevant business / functional requirements will be considered as a deadweight cost for companies

Business / Functional Mapping

BAIT Framework, Application Stage





BAIT FRAMEWORK (3/3) – BUSINESS STRATEGY DEVELOPMENT

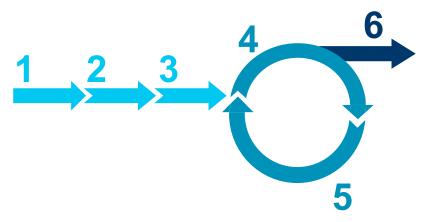
As such, developing a robust business strategy that helps define a clear project objective is a crucial first step in shaping the direction of any digital transformation project





CHANGE MANAGEMENT (1/3) – IMPLEMENTATION

With a clear business objective and corresponding functional requirements, the product development cycle continues until fully functional products are formed and implemented





Initiation

Map out business requirements that will determine core functional requirements of the MVP



Development

Decide on building in-house vs. seeking a 3rd party provider to build an application and test it out to end users for evaluation



Implementation

Integrate the product into either planned or existing data architecture upon approval of final application

- **Determine Value Proposition**
 - Determining the exact value that would be derived from a new application
- 2 Map User Flow
 Designing high-level user interaction flow from front to back processes
- Prioritize MVP Features

 Prioritizing functionalities of the MVP with high-dependency systems first
- Build / Explore

 Building out core functionalities / Exploring 3rd
 party application providers
- Review & Repeat

 Consolidating user feedback and incorporating it, repeat steps 4 and 5
- 6 Launch & Integrate
 Set aside the approved final application of product for subsequent integration



CHANGE MANAGEMENT (2/3) – INNOVATION BARRIERS

However, many traditional banks continue to face as a major internal roadblocks to bring meaningful change following technology implementation, which must be overcome

Innovation Barriers

By Firm Size

	INNO	INNOVATION BARRIERS		
	Large Firm (e.g. Global Bank)	Medium Firm (e.g. Regional Bank)	Small Firm (e.g. Local Bank)	Description
Innovation Process				Large firms find it much more difficult to identify underlying problems, and typically have a chaotic and poorly designed innovation process.
Firm-Wide Buy-in				Bureaucracy at large firms hampers firm-wide buy-in, given competin interests, though small firms may be hamstrung by key personalities
Governance				Large firms typically outsource innovation efforts to an Innovation Law while smaller firms usually lack centralised ownership of innovation
্দ্ৰ Incentives				Most firms have no meaningful incentive structures to drive innovatio efforts, largely reflected in an absence of relevant KPIs
Communication				Communication remains a challenge across most organisations, especially at large firms, with most efforts focused on marketing
Systems				Large firms are plagued by problems with legacy systems and challenges around integrating with complex IT / data architecture
Budget / Resources				Most small firms face considerable budget constraints to drive major their innovation efforts, though they typically have fewer needs

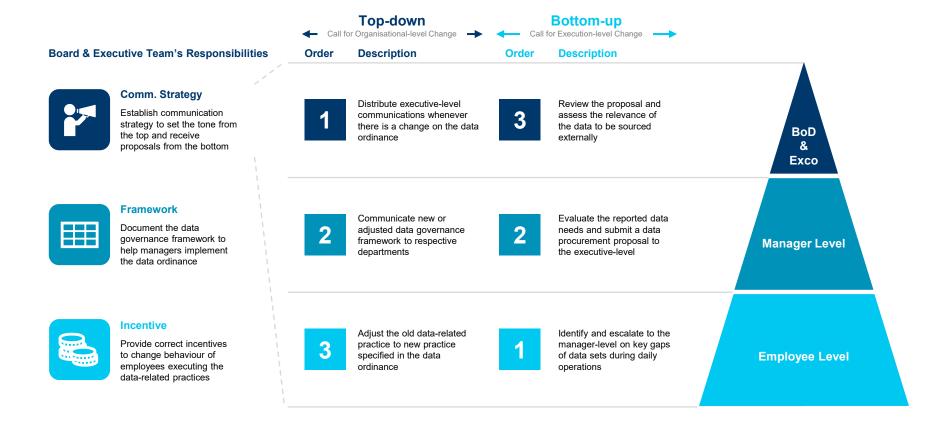


CHANGE MANAGEMENT (3/3) – CULTURAL GOVERNANCE FRAMEWORK

Without an appropriate culture that nurtures employee mindsets to embrace data-driven decisions from management, many technological investments will be worthless

Culture Pyramid

Illustrative





SECTION 6 HOW CAN WE HELP



HOW CAN WE HELP

Our consultants have extensive experience working with Islamic financial institutions, supporting them across their full strategy and implementation needs, including:

STEP 1

EVALUATE

- In-depth global / regional / local industry and competitive mapping
- Detailed gap analysis and competitive benchmarking (e.g. products, clients, channels, process, etc.)
- Market sizing and client wallet analysis
- Detailed internal capabilities review to understand capacity to affect change (e.g. legacy systems, data availability and accuracy, IT expertise / talent)

STEP 2

DEVELOP

- Strategy and business case development at the group, business unit, and product level
- Define end-to-end target-state architecture and operating model
- Identify the appropriate option(s) for executing specific digital initiatives (i.e. build, partner, or acquire), against existing capabilities, risk profile, etc.
- Formulate appropriate solutions to address potential roadblocks (e.g. governance structures / KPIs)

STEP 3

IMPLEMENT

- Establish and work with an appropriate PMO team to oversee the digital change programme
- Develop overall execution plan (e.g. key workstreams, rollout prioritisation, project owners / sponsors, project deliverables / milestones)
- Connect to our network of FinTech start-ups / partners to explore the adaptation of third-party solutions via tangible use cases and POCs



SECTION 7 ABOUT QUINLAN & ASSOCIATES



OUR OFFERING

Quinlan & Associates is a leading independent strategy consulting firm specialising in the financial services industry, offering a truly unique end-to-end service proposition

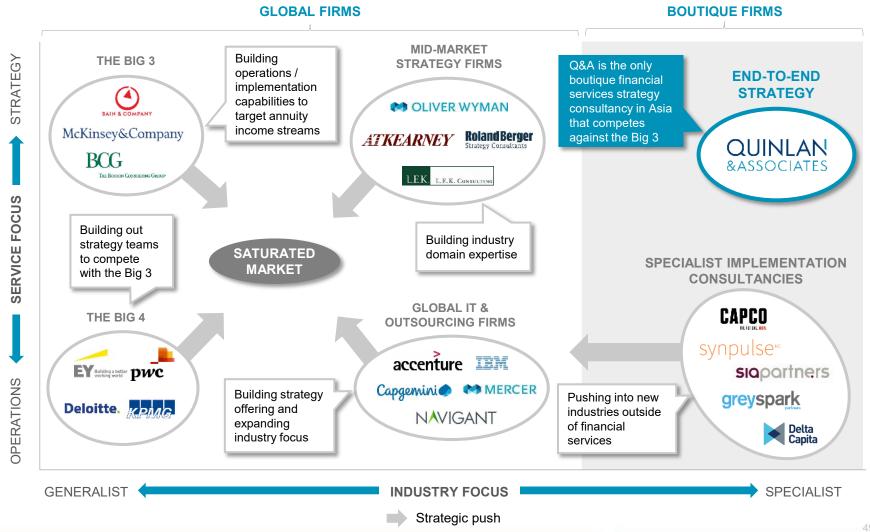


SHAPE YOUR STRATEGY DRIVE YOUR OUTCOMES **BRAINSTORM DEVELOP ENDORSE IMPLEMENT** TRACK **PROMOTE MOBILISE MONETISE STRATEGY STRATEGY BUSINESS CASE CORPORATE STRATEGY** MANAGEMENT **STRATEGY** STRATEGIC **WORKSHOPS** CONSULTING **DEVELOPMENT EXECUTION** REPORTING COMMUNICATION **TRAINING PITCHES** Strategy workshops for Full suite of strategy Developing strategic Professional project Preparation of reporting Producing internal and Delivery of world-class Creation of product senior executives and consulting services business cases for management team to templates / packs and external communication corporate training and deal-specific next-generation across a broad range support with project tailored management presentations for key programs across key pitches and company senior management of topics, including: implementation: dashboards: topics, including: marketing collateral: company leaders: sign-off / approval: company stakeholders: · Identification of Annual company Commissioned Workshop agenda New market entry Organic expansion Review of target Leadership development (e.g. new hires) operating model most appropriate strategy briefings research reports · Digital Communication KPIs and metrics Preparation of Transformation · IT investment Creating relevant Periodic employee · Strategic pitches Negotiation workshop material PMO structure Visualisation of town halls · Product M&A (e.g. strategic · New product (e.a. slide deck. relevant data to · Personal branding development due diligence) Developing · Investor relations launches group exercises) identify key trends workstreams presentations and implications Innovation · Sales strategy Transaction Market entry · Facilitation of Establishing Shareholder pitchbooks interactive and Balanced scorecard Strategic thinking Organisational Cost cutting milestones and updates targeted group and data strategy design Company project timelines · Project Management discussions and · New product launch marketing decks · Insightful analysis activities · Process re-Monitoring ongoing and commentary Joint ventures engineering project delivery



STRATEGY WITH A DIFFERENCE

We are the only specialist financial services strategy consultancy in Asia that competes directly with the "Big 3" on large-scale, C-suite projects





OUR APPROACH

We provide unbiased, independent advice that is tailored uniquely to each and every client and supported by robust, data-driven analysis

QUINLAN **GLOBAL CONSULTING FIRMS** Initial client meeting to discuss related Initial meeting focused on discussing global marketing collateral specific strategic issues facing the client · Consulting firm proposes their ingoing Client problems and objectives are **PROJECT** STEP 1 hypotheses about the client's problem reviewed in detail using our experience **ORIGINATION** and insights on the subject matter Project proposal is built around upfront hypotheses and typically based on the Project proposal tailor-made to address the outcomes a previous comparable project client-specific problem in question Senior team staffed on project Junior team staffed on project Relevant macro/industry research from a ✓ All macro/industry research is built specifically around the client's situation related project is recycled for the client ✓ Client information is analysed in detail to STEP 2 Client information is repackaged and **PROJECT** draw out key value-add insights delivered back to them as a considerable **EXECUTION** part of the project deliverables ✓ Fieldwork and interviews are designed to validate insights from data analysis Field work and interviews are designed to reinforce ingoing hypotheses Output remains focused on addressing the A considerable amount of 'blue sky specific client problem in question thinking' and 30,000 feet ideas that lack any tangible action points, which can ✓ Tangible action items are developed represent up to 80% of project output around relevant project conclusions STEP 3 **PROJECT** Minimal or non-existent post-project OUTPUT Client is provided with upfront execution support around business case support; and can also engage Quinlan & development, execution, reporting, and Associates for all other services along the communication, which is left to the client entire strategic value chain



OUR DIFFERENCE

We are not your typical strategy consulting firm; our distinctive approach differentiates us from our global competitors across ten key dimensions

	CRITERIA	GLOBAL CONSULTING FIRMS	QUINLAN &ASSOCIATES
1	OFFERING	Narrow service offering focused on a single aspect of the strategy value chain (e.g. strategy development)	 End-to-end service offering across the entire strategy value chain, from development to execution
2	METHODOLOGY	Hypothesis-led inductive reasoning: upfront conclusions that are validated over the course of a project	 Fact-based deductive reasoning: in-depth, data-driven analysis to arrive at appropriate conclusions
3	OBJECTIVITY	Advice is often tailored to suit senior management agendas, rendering projects a rubber-stamping exercise	 Advice remains objective and unbiased; we will tell you what you don't want to hear if it's the right advice for you
4	RELEVANCE	'30,000 feet' content in excessively long decks, which are expensive and lack concrete deliverables	 Output is clear and to the point; we provide actionable advice supported by tangible execution plans
5	MEASURABILITY	 Results are often hard to quantify, with project 'success' difficult to both isolate and measure 	✓ We deliver results that you can actively measure and track (e.g. identify KPIs, build implementation trackers)
6	EXPERTISE	Staffed with generalist career consultants who lack sector expertise or industry experience	 Projects are led by seasoned consultants with extensive financial services and top-tier consulting experience
7	ENGAGEMENT	 Project work and client contact led by a junior team, with minimal Partner contact 	 Projects led by a senior and highly experienced team, with extensive Partner contact
8	STEWARDSHIP	A significant amount of proprietary and competitor data is manufactured for projects	 All proprietary data is extensively validated through our industry sources and all estimates are clearly explained
9	CONTINUITY	Advising you on a one-off project and walking away from your business when it's complete	 Developing long-term, strategic relationships with key clients across their growth / repositioning journey
10	VALUE	 Projects usually start at USD 80,000 per week, driven by large company overheads 	 Competitive pricing reflects minimal operational overheads and a strong focus on cost control



OUR EDGE

Unlike global consultancies, we also service much smaller clients (including FinTech startups and SMEs), which are typically not serviced by other consulting houses

1

CLIENT TYPE

EXAMPLES

OUR EDGE

Regular users of management consultants

- Global investment banks
- Top-tier asset managers
- National stock exchanges
- Multinational companies (MNCs)

Independent advice, deep industry expertise and readily-executable solutions with the ability to effectively measure and track results

2

Occasional users of management consultants

- Hedge funds
- Aspirant regional banks
- Mid-market brokerages
- Middle market enterprises (MMEs)

Experience and extensive know-how of top-tier financial institutions using a more costeffective approach than global consulting firms 3

Little or no experience with management consultants

- Start-ups
- Growth-stage FinTechs
- Small-to-medium enterprises (SMEs)

Access to the thought processes, strategies, and operational bestpractices of the world's leading organisations with immediate impact, with a flexible fee model

Critical "white space" not serviced by global consulting firms



INTERNATIONAL CAPABILITIES

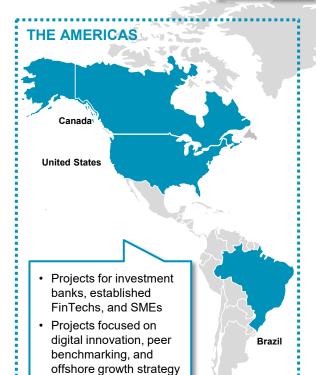
We combine global project experience with an in-depth understanding of the Asia Pacific region across developed, emerging, and frontier markets

TEAM EXPERIENCE BY CLIENT REGION

- Led major projects for global financial institutions and leading startups
- Projects focused on regulatory, business unit, and international growth strategies

EMEA

- Led over 40 projects for multinationals, MMEs, and SMEs
- Expert working knowledge of local jurisdictions and regulatory frameworks
- Intimate understanding of the regional economic landscape, financial markets, and domestic operating environments
- Strong appreciation of local corporate culture and working styles









OUR EXPERIENCE

Our team has considerable experience advising many of the world's leading multinationals, SMEs, and innovative startups on a variety of high-profile engagements

Tier-1 Global Banks



























- Group strategy
- Digital transformation •
- Market entry (JV and inorganic strategies) .
- Operating model
- Process optimisation
- Regulatory strategy
- Data strategy

- HR / talent strategy
- Cultural transformation
- Organisational design
- Cross-business collaboration
- Coverage optimisation
- Cost minimisation
- Corporate training

Market Infrastructure & Corp. Services















Data strategy

(optimising internal

workflows and new

revenue capture)



- 'Go-to-market' strategy . Sales strategy
- Product development •
- Partnerships and ecosystems
- Pricing strategy
- Corporate training

Asset Managers / Family Offices / VCs



























- Fund Strategy
- Digital build-out / transformation
- Industry / competitor intelligence
- Commercial due diligence
- Operating / pricing model validation
- Portfolio company strategy
- Front-end UI design

Regional Brokers & Bancassurers





















- Group strategy
- Long-term strategic growth planning (organic / inorganic),
- Digital enablement and innovation
- Data strategy
- Organisational / HR transformation
- vision statements
- Enhancing cross-
- strategy and cultural
- Developing company
- business synergies

FinTech Companies



- Industry validation
- B2B strategy development
- USP development and . branding strategies
- Thought leadership
- Operating model design

- Strategic due diligence
- White-labelled pitches
- Peer benchmarking New market entry
- Corporate training
- Licence applications

Other





















- Development of group- level strategy
- New market entry
- Open innovation and digital transformation
- Customer engagement
- Industry and market research
- Brand building / market awareness
- Employee enablement (i.e. corporate training)



INDUSTRY INSIGHTS

We are widely recognised as a global thought leader in the financial services industry and are the only consulting firm to have our research distributed on Bloomberg terminals

Bloomberg

r3.

150,000+

INTERNATIONAL DISTRIBUTION

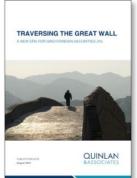
OFFICIAL CONSULTING PARTNER

REPORT DOWNLOADS



























TRACK RECORD

We have a strong track record of correctly predicting a number of trends in the financial services industry, including being the world's most accurate Bitcoin price forecaster in 2018

	<u></u>
	Declining research
DATE	August 20
PREDICTION	• In Res

CURRENT

SITUATION











g global wallet

016

search In bundled World, we forecast a decline in global research spend of up to 30% by 2020 in response to MiFID II regulations

European fund

managers cut

30% in response

to MiFID II, with

further declines

expected in

2019/20

their 2018

investment

research budgets by 20-

securities market September 2016

Opening of China

- In Sino-Foreign Securities JVs. we predicted a wave of foreign banks to accelerate their onshore securities buildouts on the back of regulatory liberalisation
- In November 2017, major liberalisation measures were announced, with many foreign banks planning to set up a JV or expand their JV ownership / business scope

Proliferation of **IRPs & ORMs**

March 2017

- · In Research. com, we saw strong growth in online research marketplaces (ORMs) and independent research providers (IRPs) on the back of MiFID II
- The investment research industry has seen strong growth in ORMs (such as RSCHXchange, Smartkarma) and specialised IRPs (such as Autonomous)

Alternative data to go mainstream

September 2017

- In Alternative Alpha, in the face of massive fund outflows to passive funds due to poor performance, we saw active managers turning to new data sets
- Active managers have been actively looking to source unique data sets in an effort to generate new investment ideas and drive performance, spawning a huge alt data market

Greater scrutiny on risk culture

October 2017

- In Value At Risk, we highlighted the risk culture as the kev ingredient in addressing growing fines, penalties, and losses, rather than compliance and audit spend
- ✓ Risk culture is becoming a key focus areas for global regulators (e.g. the 2018 Australian Royal Commission into Banking Misconduct points to heavy cultural scrutiny)

Bursting of the crypto bubble

January 2018

- In Fool's Gold?, we projected the crypto market to unwind in 2018. with the market cap to fall to USD 223bn (and Bitcoin to hit USD 1.800) by Dec 2018, with a 2019 rebound
- ✓ The global crypto industry fell by ~80% from its peak of USD 830bn to USD 100bn in 2018, with the price of Bitcoin reaching USD 3,200, with a 2019 rebound

Source: Bloomberg, CoinMarketCap



THIRD-PARTY PUBLICATIONS

Our work is regularly cited by third-party publications of leading international banks, think tanks, research houses, consultancies, professional associations, and industry bodies

THIRD-PARTY PUBLICATIONS

SELECT CITATIONS

70+
THIRD-PARTY PUBLICATIONS







































IN THE MEDIA

We are one of the most widely quoted strategy consultancies in the world across all leading financial and mainstream media publications

40+

TELEVISION / RADIO INTERVIEWS

1,500+

GLOBAL PRESS CITATIONS







INDUSTRY CONFERENCES

Our Partners are regularly invited to present our insights during keynote speeches and panel discussions at leading industry conferences across the globe

INDUSTRY CONFERENCES

SELECT EVENTS





































































TEAM (1/4) - PARTNERS

Partners at Quinlan & Associates are highly experienced industry professionals, combining best-practice strategic thinking with deep commercial acumen

in





Benjamin is the CEO and Managing Partner of Quinlan & Associates. He is also the Chairman of the FinTech Association of Hong Kong, an Adjunct Professor at the AIT School of Management, a Conference Ambassador for the Hong Kong Tourism Board, and sits on various Advisory and Steering Committees for HKTDC, HKSTP, AustCham, and HKGCC. He is a Senior Advisor for a number of leading startups, a Mentor for PingAn's Cloud Accelerator, a Guest Contributor for eFinancialCareers and Regulation Asia, and is recognised as a key FinTech influencer in Asia.

Prior to founding Quinlan & Associates, Benjamin was the Head of Strategy for Deutsche Bank's Equities business in Asia Pacific and its Investment Bank in Greater China. He also worked as a strategy consultant at Oliver Wyman, in Group Strategy and Client Coverage roles at UBS, and as an M&A Tax Consultant at PwC.

Benjamin holds a combined Bachelor of Commerce / Bachelor of Laws (Honours) and a First-Class Honours Degree in Economics (on scholarship) from Macquarie University, Sydney.



YVETTE KWAN
COO & PARTNER

Yvette has over 20 years of experience in corporate strategy and investment banking. Prior to joining Quinlan & Associates, Yvette was the Regional Operating Officer (COO) for UBS AG's Corporate Client Services division in APAC. Before this, she was an Executive Director in UBS's Group Strategy and M&A departments in Zurich, Sydney, and Hong Kong.

Before joining UBS, Yvette worked in the Greater China and Corporate Finance team at Credit Suisse First Boston in Hong Kong. She began her career in Emerging Business Services and Corporate Tax at PwC in Sydney.

Yvette holds an MBA from the Australian Graduate School of Management and a BCom (with merit) from UNSW.



MICHAEL CAMPION
HEAD OF TRAINING & PARTNER

Michael has over 10 years of experience as a professional speaker and emcee, regularly invited to speak in front of audiences of 500+. He has shared the stage with numerous CEOs and celebrities on behalf of blue-chip corporates, schools and not-for-profits. Previously, Michael worked in global banking and markets at Royal Bank of Scotland in Edinburgh.

Michael has extensive media experience, having been interviewed live by BBC World, SCMP, RTHK, and worked on live TV as a sports commentator. He is also a former professional athlete, playing football at international level.

Michael holds a Master degree in Business Management from the University of Edinburgh Business School. He also holds a Bachelor of Arts (Honours) from The University of Durham.



TEAM (2/4) - CONSULTANTS

All of our Consultants have extensive experience working on strategy consulting engagements across a broad spectrum of industries, subject matters and geographies





HUGO CHENG ENGAGEMENT MANAGER

Hugo has worked with various global financial institutions, SMEs, and startups on a wide range of corporate strategy projects. He has also authored numerous research reports on various FinTech topics. Prior to Q&A, Hugo interned at DBS and eHarmony.

Hugo holds Master's in Management (Distinction) from Imperial College Business School and an MA (Mathematics) from the University of Cambridge.





EASHAN TREHAN ASSOCIATE

Eashan has worked on a number of strategy projects for various startups and SMEs. He previously interned at JPMorgan, Deutsche Bank and Eureka Consulting Group, where he completed various consulting projects for MNCs and Asian corporates.

Eashan holds a Bachelor's in Engineering (Honours) majoring in Finance and Computer Science from the University of Hong Kong ("HKU").





Justin has wide-ranging experience from corporate strategy to project execution. Prior to Q&A, he worked at JPMorgan, executing data analytics and management projects across Asia Pacific, and at a boutique blockchain advisory firm, heading corporate structuring and business development.

Justin holds a First-Class Honours Degree in Global Business from Hong Kong University of Science and Technology ("HKUST").





CHARLES YAU SENIOR CONSULTANT

Charles previously worked in Deloitte's FinTech Practice on strategy, implementation, and proof-of-concept projects for financial institutions, eSports operators, and tech firms. Prior to this, he developed a cybersecurity practice in Singapore specialising in managed security services.

Charles holds a Bachelor's in Global Business & Information Systems (Hons) from Hong Kong University of Science and Technology ("HKUST").



TEAM (3/4) - CONSULTANTS

All of our Consultants have extensive experience working on strategy consulting engagements across a broad spectrum of industries, subject matters and geographies





JEANNY ANG
CONSULTANT

Jeanny previously worked at Bank of America, where she participated in regional projects to streamline internal operational processes. She was also a Director of a student-led organisation, Change-Makers Network, where she led the first youth-empowerment programme in Indonesia.

Jeanny holds a Bachelor's degree in Economics and Finance (Honours) from the University of Hong Kong ("HKU").





JONATHAN PUN CONSULTANT

Jonathan previously worked at Ernst & Young with Financial Services Risk Management division and Deloitte & Touche with cyber risk management team, where he supported and participated in an on-site projects for multinational companies.

Jonathan holds a Master's degree in Finance from Imperial College and a Bachelor's in Economics and Statistics (First Class Honours) from UCL.





ALISON HU
CONSULTANT

Alison previously worked at UniCredit Corporate & Investment Bank, covering institutional clients across global markets. She also interned at Guotai Junan investment bank, conducting pre-IPO industry analysis and valuation of A-share companies.

Alison holds a Bachelor's degree in Finance and Economics (First Class Honours) from the University of Hong Kong ("HKU").





KAYNAT AKHTAR
BUSINESS DEVELOPMENT ASSOCIATE

Kaynat is responsible for Business Development at Q&A. She previously worked at a global financial derivatives brokerage firm in business development strategy, as well as a Spanish fashion house, where was responsible for the firm's social media strategy.

Kaynat holds a Bachelor of Business Administration (Honours) majoring in Finance and minoring in Marketing from Lingnan University.



TEAM (4/4) - SUBJECT MATTER EXPERTS

Our Subject Matter Experts are financial services industry veterans across different practices, such as investment banking, private equity, and corporate strategy



VIPPY WONG

Vippy has extensive experience in the financial services industry, having spent over a decade working in top-tier investment banks (RBS, ABN Amro, UBS), exchanges (HK Mercantile Exchange), technology providers (Thomson Reuters), and management consultancies (Oliver Wyman).

Vippy holds a joint EMBA from Columbia / LBS / HKU and a Bachelor of Engineering from Princeton.



JONG LEE

Jong is the Chairman and Managing Director of RGL Holdings, Ltd, a privately-owned VC fund. His areas of focus in Hong Kong include over a dozen early-stage technology companies, social enterprises, education initiatives, and business turnarounds.

Jong holds a JD from Columbia University and graduated with honours from the University of Pennsylvania in Bioengineering and Political Science.



EVAN SCHNIDMAN

Evan is the Founder and Managing Partner of EAS Innovation Consulting, a boutique data and technology consulting firm. Prior tot this, Evan was the Founder and CEO of Prattle, the Head of Data Innovation at Liquidnet, and a noted academic at Brown University.

Evan holds a Ph.D. in Political Economy from Harvard University, an MPA in Political Economy from Washington University in St. Louis, and a BA (Summa Cum Laude) from Washington University in St. Louis.



LOUISA ROBB

Louisa is the Founder and Managing Director of Lucella, a professional coaching and consulting firm based in Switzerland. Prior to this, she served as a Managing Director of UBS, covering various leadership role such as Global Chief of Staff for UBS's Legal & Compliance Department and the Head of Strategy for UBS in Asia Pacific.

Louisa holds a Bachelor of Commerce (Economics and Finance) from the University of Melbourne.



BRUCE SALZER

Bruce Salzer a proven business leader with an accomplished background across the US, Japan, and Hong Kong. He was previously a Managing Director and Head of Corporate Access & Client Management (Asia Pacific) for Jeffries, Standard Chartered, and JPMorgan

Bruce holds an MBA (Finance & Marketing) from the University of Texas at Austin and a BA (Economics & Business) from Vanderbilt University.



MARCUS CONSOLINI

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