

Treasury Consulting Group – Regulatory Audits (Advanced Audits)

Treasury Consulting Group (Profile):

- ❑ Treasury Consulting Group is founded 2016 in India with Indian Legal Entity – “**Treasury Consulting LLP** “. Effective April 2018 Treasury Consulting incorporates – “**Treasury Consulting Pte Ltd**” in Singapore. Sitting today Treasury Consulting Group having 2 Legal entities in Singapore, India. As a Group we are 2 Years Old.
- ❑ As a Group our Principal entity is in Singapore and would continue to be. Treasury Consulting Group would continue to be a Principally Singaporean HQ Company. In next few years we are adding legal entities like Australia (2019), Sharjah (2020), Dubai (2021), Luxembourg (2021) and Mauritius (2022) to have footprints across all Continents of Globe and titled as Conglomerate by 2022. As a Group we do hold 2 Business Offices in Singapore at Heart of Singapore, 1 Big Office in India in Capital – New Delhi.
- ❑ Treasury Consulting Pte Ltd serving 75+ Global Clients, 100+ Domestic Clients. Covering Markets like *United States, Canadian Financial Markets, European Union, Australia & New Zealand (ANZ), Asia Pacific Financial Markets, Japanese, OPEC, African & Indian Markets*. Treasury Consulting awarded amongst Top 50 Internationally Growing Companies in India by IE 20, London Partners during April 2018.
- ❑ Treasury Consulting Group is having standing Corporate Valuation of \$ 10 Million. With our upcoming legal entities our Business Valuation might cross \$ 250 Million by 2020. As a Group we are banking with World’s Best Bank & Asia Safest Bank – DBS covering both Singapore, India. Treasury Consulting Group is 100% Cash Rich and invests Surplus Cash with Top 8 Mutual Funds of India maintaining a diversified portfolio with zero risk.
- ❑ Treasury Consulting Group is having 8 Business Verticals, 44 Business Streams.
 - ❑ Trainings, Publications & Digital Marketing
 - ❑ Financial Markets
 - ❑ Information Technology (IT)
 - ❑ Accounting, Audits & Assurances
 - ❑ Corporate Law/Compliance
 - ❑ Valuation
 - ❑ Chief Financial Officer (CFO)
 - ❑ Treasury Consulting Chapters
- ❑ Treasury Consulting Group is having following Traits:
 - ❑ 100% Cash Rich Group
 - ❑ 0% Debt
 - ❑ 0% VC Funding
 - ❑ Holding own Corporate VC Fund of SGD 300K in Singapore
- ❑ Treasury Consulting Pte Ltd owned **Intellectual Property (IP)** – www.fixedincome.global (World’s first Fixed Income Platform). Sitting today Fixed Income Platform have 35+ Desks covering Foreign Exchange (FX), Fixed Income (FI), Credit Risk, PPP Desk, Structured Derivatives, Bonds Desks. By Dec’18 we would be having 40+ Desks, By Sep’19 having 75+ Desks, By Sep’20 having 100+ Desks and keep counting.
 - ❑ Owned Fixed Income Platform – www.fixedincome.global
 - ❑ World’s 1st Fixed Income Platform
 - ❑ Watched in 155 Countries of Globe
 - ❑ 10K Users across the Globe
 - ❑ Watched 150K Minutes
 - ❑ Over 12K Sessions/Month
 - ❑ 35+ Live Desks
 - ❑ Upcoming 15+ Desks in next 3 Years
 - ❑ To compete with Banks like GS, JPM by 2020
 - ❑ Client base across the Globe. Covering Markets like:
 - ❑ United States (US)
 - ❑ Canadian Financial Markets
 - ❑ Australia & New Zealand (ANZ)
 - ❑ Asian Financial Markets
 - ❑ OPEC Region

Treasury Consulting Group – A Singaporean Multinational Group (Moving towards \$ 10 Million Valuation)
An Asia Pacific Trainings, Consulting, Publication, Analytics, FI, Technology Implementation Group
www.treasuryconsulting.in, www.fixedincome.global

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- African Markets

- Treasury Consulting Group Social Front covering the following:

- 2nd Largest You Tube Channel – “Foreign Exchange Maverick Thinkers”

- 570 You Tube Videos
- 9.2 K Subscribers
- 15 Million Minutes Watched
- 1 Million Reviews
- 30K Likes
- 30K Comments
- 26K Playlists

- You Tube Channel – “Treasury X”
- You Tube Channel – “Live Your Life”
- 5 LinkedIn Profiles – Amongst 1% on Global LinkedIn Networking
- Respective Social Platforms

- Treasury Consulting Pte Ltd founded Brand – “**Foreign Exchange Maverick Thinkers (FEMT)**” serving millions of professionals across Globe using IVELEAGUE Platforms like LinkedIn, LinkedIn Clubs, You Tube Channel, Daily Motion, Metacafe, Google Groups, Treasury Consulting Club – “The Mavericks” and respective Platforms.

- Treasury Consulting Group – Upcoming Projects:**

- Year 2019**

- Monitfund – World’s 1st Monetization Desk
- Peer to Peer (P2P) Repo Desk
- Energy Desk
- Commodities Derivatives Desk
- Hedge Accounting Desk
- FinReg Tech Academy
- MTN/LTN Desk
- Debt & Capital Markets (DCM) Desk
- Farmers Desk

- Year 2019**

- Treasury Consulting Group to launch Publication Desk. Our Publication Desk would be launching our Flagship Magazine – “The Maverick Treasurer”. Our Publication Desk would be talking about Financial Markets but much different. You know me 😊

- Year 2020**

- Treasury Desk
- Stressed Assets Desk

- Year 2021**

- Order Management Systems (OMS)
- Basel III Desk
- Exotics Derivatives Desk
- Structured Liabilities Desk
- Bespoke Portfolio Desk

- Year 2022**

- Listing of Treasury Consulting Group in Singapore

- Year 2024**

- Treasury Consulting Group to apply for Banking License in Singapore. As a Group we would break our Company in 2 Parts – One taking care of Consulting Business (like a Big4) and other act as a Banking Entity in Singapore.

- Social Platforms**

- You Tube Channel – “Foreign Exchange Maverick Thinkers” to cross 1000 Videos by Dec 2019
- You Tube Channel – “Treasury X” to cross 1000 Videos by Dec 2020

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- ❑ You Tube Channel – “Live Your Life” to cross 100 Videos by Dec 2019
- ❑ All 5 LinkedIn Profiles to expanded under Project LDN
- ❑ Multiple initiatives on Social Networking

Rahul Magan Profile- Group Chief Executive Officer (CEO) & VC/Ex Group Corporate Treasurer:

- ❑ Currently acting as a **Group Chief Executive Officer (CEO) & Venture Capitalist (VC)** of **Treasury Consulting Pte Ltd**. A Singaporean Multinational Group having interest in 8 Business Verticals, 44 Business Domains. Treasury Consulting Pte Ltd owned Intellectual Property (IP) – www.fixedincome.global (World’s first Fixed Income Platform). Treasury Consulting Pte Ltd to add International Subsidiaries like Dubai (2019), Australia (2020), Luxembourg (2021) and Mauritius (2022)
- ❑ **Ex Group Corporate Treasurer** of United States, India based Information Technology Enabled Services (ITES) and Information Technology (IT) Companies like EXL Service Holdings, Inc. (*United States*), HCL Technologies Limited (*4th Largest IT Exporter*) at Group Level. Handled Front Office, Middle Office, CFO Office and Risk Office at Group level covering 35+ Group entities at EXL, 75+ Group entities in HCL Technologies Limited respectively.
- ❑ Holding more than decade experience as a Group Corporate Treasurer. Awarded amongst Top 20 Corporate Treasurers in 2014 by CFO India Institute. Won several CFO Awards during Corporate Career in EXL, HCL.

Trainer Profile:

- ❑ Acting as a Trainer at Global level covering entire Asia Pacific Markets. Rahul doing Trainings for Educational Institutions, Corporates, Banks, Financial Institutions (FI), Non-Banking Financial Corporations (NBFC), Governments, Ministries, Income Tax Authorities, Revenue Officers and respective forums. Treasury Consulting Pte Ltd do offers more than 150 Trainings Programs which we would increase to 200 by Dec’18 and 350 by Dec’19
- ❑ Rahul regularly imparts Trainings in Singapore, Philippines, Hong Kong, Thailand, Indonesia, Dubai, Saudi Arabia, African and India respectively. Treasury Consulting Pte Ltd do holds physical class room as well as Online facilities (linked with requisite Software’s) in Singapore, India respectively.

Money Manager:

- ❑ Rahul is also a well approved Money Manager covering all Assets Classes like Foreign Exchange (FX), Fixed Income (FI), Structured Derivatives, Interest Rate Derivatives (IRS), Energy Derivatives, Weather Derivatives. His Fixed Income Portfolio is listed on www.kristal.AI and would soon available at www.fixedincome.global
- ❑ Rahul’s Portfolios are available for both International, national investors covering Plain Vanilla, Structured, Exotic Portfolios. Treasury Consulting Pte Ltd would continue to add more **Assets Classes** in Portfolios.
- ❑ Treasury Consulting Pte Ltd do managed \$ 480 Billion **Assets Under Management (AUM)** under Private Placement Programs (PPP) Desk covering all Assets Classes like Letter of Credit (L/C), Bank Guarantees (BG), SBG, SBLC, DPLC and respective. Envisaged to have \$ 1 Trillion Desk by Dec’19

Writer, Author, Speaker:

- ❑ Rahul wrote his maiden book – “**Options for Risk Free Portfolios**” published by Maclaren Palgrave in June’13 in NY. His 2nd Book – “**Techniques to Hedge Interest Rate Exposures**” to publish in Sep’18 in Singapore, United States.
- ❑ He also acts as a Speaker covering Conferences, Seminars, Workshops for various forums across the Globe. Won more than 80+ Mementos, Awards covering respective events.

Treasury Consulting Group – Regulatory Audits:

- ❑ Gone are the days when Statuary Audits would serve the purpose for the Organization and Internal Audits would be able to make Organizations better. As we witnessing many frauds everyday whereby even Big4 (EY, KPMG, Deloitte, PWC, GT, BDO) are deeply involved like Noble Group Scandal by EY, Satyam Group by PWC and list is too long + Big Corporates across the Globe are subject to Regulatory Audits whereby they need to see whether all Regulatory required by respective regulators met or not. Treasury Consulting – Regulatory Audits covering top 6 Regulators of the Globe.

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Treasury Consulting Group – Regulatory Audits (Advanced Audits)

- ❑ Covering following Regulators
 - ❑ Federal Reserve (Fed)
 - ❑ European Central Bank (ECB)
 - ❑ Bank of England (BOE)
 - ❑ Monetary Authority of Singapore (MAS)
 - ❑ Reserve Bank of Australia (RBA)
 - ❑ Reserve Bank of New Zealand (RBNZ)
 - ❑ Reserve Bank of Canada (RBC)

- ❑ **The Alternative Investment Fund Management Directive (AIFMD)**
 - ❑ EU Directive focusses on Data and Transparency requirements
 - ❑ Covering Alternate Fund Managers, Fund registration, valuation and reporting process
 - ❑ Facilitate regulatory Systematic risk monitoring by improving transparency

- ❑ **EU Anti Money Laundering Directive (AMLD4)**
 - ❑ AMLD aims to improve Financial System for the purpose of Money Laundering
 - ❑ Counter Terrorist Financing (CTF)
 - ❑ Policies and procedures to mitigate CTF, AML across EU nations

- ❑ **Basel III**
 - ❑ Comprehensive set of reforms designed to strengthen the supervision, stability and risk management of Banking Sector.
 - ❑ Regulation enhances banking strength via Liquidity Coverage Ratio (LCR), Net Stable Funding Ratio (NSFR) across all continents and all Banks
 - ❑ The regulatory mandate requires firms to collect and analyse more data from their Risk Management Systems (RMS) to prevent contagion crisis.

- ❑ **BCBS 239**
 - ❑ BCBS 239 is a regulation designed by Basel Committee on Banking Supervision (BCBS) and is designed to improve risk data aggregation and reporting across Financial Markets.
 - ❑ It is based on 14 Principles that covering range from Information Technology (IT) to Data Governance and supervision.
 - ❑ BCBS 239 is a supplement of the Capital Adequacy requirements of Basel III, which considers whether firms have enough resources to monitor and cover risk exposures.

- ❑ **Benchmark Regulation**
 - ❑ Benchmark regulation or Regulation on Indices used on benchmarks in Financial Instruments and Financial Contracts and benchmarks measuring the performance on measure of Investments funds.
 - ❑ The regulation defines a benchmark as "any index "by reference to which the amount payable under a Financial Instrument or Financial Contract whose value defined by such index.
 - ❑ We have three kinds of Benchmarks - Critical Benchmarks, Significant benchmarks, Non-Significant Benchmarks

- ❑ **The Comprehensive Capital Analysis & Review (CCAR)**
 - ❑ The Comprehensive Capital Analysis & Review (CCAR) is an annual exercise carried out by Federal Reserve to assess whether the Largest Bank Holdings Companies (BHC) operating in US have significant capital to continue operating throughout stress timings and forward-looking Capital Planning Processes.
 - ❑ BHC with consolidated assets of \$ 50 Billion or more are required to submit Annual Capital Plans for review.
 - ❑ The Federal Reserve can object the plans if they feel either Quantitative or Qualitative elements or assumptions or systems are not in line with plans shared.

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❑ Common Reporting's (COREP)

- ❑ Common Reporting's (COREP) is a standardised reporting framework issued by European Banking Authority (EBA) for reporting's under Capital Reforms Directive IV (CRD IV)
- ❑ The framework includes a number of templates to support the reporting of Credit Risk, Market Risk, Operational Risk, Own Funds and Capital Adequacy Ratio (CAR)
- ❑ COREP also means altering processes, implementing management oversight of reports and reviewing reports of accuracy in a timely manner.

❑ Capital Reforms Directive IV (CRD IV)

- ❑ Capital Reforms Directive IV (CRD IV) is a 4th version of EU regulation that implements Basel III type standards covering Market Liquidity Risk and Capital Adequacy Ratios (CAR)
- ❑ The directive is divided into 2 Parts: The Capital Reforms Regulation (CRR) which applies to all firms in European Union (EU) and includes most of the Basel III. 2nd is Capital Requirements Directive (CRD).
- ❑ CRD IV applies to investments firms, Credit Institutions within the scope of Markets in Financial Institutions Directive II (MiFID II) and focusses on improving the Quality and Quantity of the available Capital.

❑ Dodd Frank (DF)

- ❑ The Dodd Frank Wall Street Reform and Consumer Protection Act (Dodd-Frank) is a US Government Regulation that was introduced in 2010 in an attempt to prevent the recurrence of events that triggered the 2008.
- ❑ The regulation largely covers the Swaps Market which was largely unregulated and is designed to promote the Financial Stability of large US Banks.
- ❑ Dodd-Frank includes a large number of rules that have been implemented by the US SEC along with the additional reforms designed to strength the Financial Infrastructure, improves transparency and reduces risk.

❑ European Markets Infrastructure Regulation (EMIR) – EMIR I, EMIR II

- ❑ European Market Infrastructure Regulation (EMIR) is an EU regulation aimed at improving the transparency of Over the Counter (OTC) Derivatives and reducing risks associated with these markets.
- ❑ Under EMIR both Counterparties to a trade must ensure that data related to a concluded trade, as well as counterparty data related to the entities involved in the trade must be reported to a Trade repository.
- ❑ EMIR mandates the use of Legal Entity Identifier (LEI) and Unique Trade Identifier (UTI) which is common to both parties to a trade for reporting to a trade repository. The combination of these identifiers in a complex reporting system can be difficult to manage.

❑ The Foreign Account Tax Compliance Act (FATCA)

- ❑ The Foreign Account Tax Compliance Act (FATCA) is a US Government regulation that requires Foreign Financial Institutions (FFI) with US Clients to carry the burden of tax reporting to those Clients to the US Internal Revenue Service (IRS)
- ❑ FATCA calls for sensitive client data, such as tax, residency, citizenship and account status information to be gathered, the data management requirements. These requirements are best met by integrating FATCA with KYC during client onboarding in tax systems.
- ❑ We do have firm's who are within the scope of Global FATCA known as GATCA. GATCA uses a model agreement similar to FATCA Model 1 IGA and OECD reporting standard for the automatic exchange tax information between countries.

❑ Swiss Financial Services Act (FIDLEG)

- ❑ FIDLEG or Swiss Financial Services Act is a Swiss Government Regulation designed to reshape the regulatory framework governing Swiss Financial Markets.
- ❑ The regulation is similar in scope and requirements particularly around transparency to EU MiFID II and will allow Switzerland a third country framework to continue to access EU Financial Markets.

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- ❑ Like MiFID II FIDLEG is based on comprehensive set of rules to conduct, including a duty to provide information to clients and ensure services and products offered are suitable for them.
- ❑ **Financial Reporting (FINREP)**
 - ❑ Financial Reporting (FINREP) forms part of European Banking Authority (EBA) supervisory reporting framework and provides standardised EU wide framework for reporting Financial Accounting Data.
 - ❑ In total FINREP includes more than 50 templates and 6500 data fields that must be populated with core and non-core Quantitative Financial data.
 - ❑ FINREP like COREP introduced in 2014 as a part of Capital Requirements Directive IV (CRD IV) which aims to harmonise reporting across EU
- ❑ **Fundamental Review of Trading Book (FRTB)**
 - ❑ The regulation exposes fundamental weakness in the overall design of Banking Book as well as Trading Book. Regulation focusses on revised Internal Model Approach (IMA) to Market Risk, Capital requirements and shift from Value at Risk (VAR) to Expected Shortfall (ES) Approach.
 - ❑ The replacement of Value at Risk (VAR) with an Expected Shortfall (ES) measure of risk is expected to improve the capture of Tail Risk which is risks of unforeseen events which are not captured in Bank models.
 - ❑ To reduce arbitrage of the regulatory capital between the Banking Book and Trading Book, FRTB imposes a revised boundary between these Books. There are many regulations in FRTB which are yet to be finalised example - Data Management challenge in the books of Banks something not yet answered in current guidelines.
- ❑ **Global Data Prevention Regulation (GDPR)**
 - ❑ Global Data Prevention Regulation (GDPR) is a European Regulation designed to harmonise data privacy laws across Europe. It is designed to protect EU citizens personal information and reshape the way organizations across the region approach data privacy.
 - ❑ GDPR doesn't make distinctions between industries and sectors but its extensive demands will have a major impact on the Financial sector and require financial firms to rethink as how they create Data Management Systems (DMS) and manage personal data.
 - ❑ GDPR introduces strong enforcement for EU firms to protect the data privacy. Data breaches at Financial Institutions that are likely to cause significant damage to customers must be reported to Data Protection Authority (DPA) within 72 Hrs. and customers must be notified without undue delay.
- ❑ **Market Abuse Regulation (MAR)/ Market Abuse Directive (MAD)**
 - ❑ Market Abuse Regulation (MAR) strengthens EU rules on Market integrity and investor protection. The regulation aims to challenge insider dealing and market manipulation in European Financial Markets.
 - ❑ Where MAD applied to Financial Instruments admitted to trading on an EU regulated market, MAR includes instruments traded on Multilateral Trading Facilities (MTF) or Organised Trading Facility (OTF).
 - ❑ In terms of coverage MAR includes all kinds of Benchmarks like Strategic Benchmarks, Critical Benchmarks and Non-Critical Benchmarks, Emission Trading, Structured Finance, Algorithmic Trading and High Frequency Trading (HFT)
- ❑ **Markets in Financial Instrument Regulation (MiFIR)**
 - ❑ Markets in Financial Instruments Regulation (MiFIR) is an EU Regulation associated with Markets in Financial Instruments Directive II (MiFID II) that aims to harmonise the trading of Securities and improve investor protection in European Union (EU)
 - ❑ MiFID II focusses on market infrastructure, MiFIR builds out transaction reporting requirements by setting out number of new reporting regulations and complements the directive commitment to trading data transparency.

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- ❑ All stipulated transactions under MiFIR should be reported using ISO 20022 formatting standard. All instruments like Over the Counter (OTC), Exchange Traded Derivatives (ETD) are covered under MiFIR II

❑ Securities Financial Transaction Regulation (SFTR)

- ❑ Securities Financing Transactions Regulation (SFTR) is an EU regulation and part of the drive by EU to increase transparency of the activities broadly categorised as Shadow Banking
- ❑ SFT are typically transactions that use securities to borrow cash like Repurchase Obligations (Repo) or Reverse Repurchase Obligations (Reverse Repo). SFT do covers Securities and Commodities lending, Margin lending and Total Return Swaps (TRS)
- ❑ The regulation scope is broad covering SFT made by firms established in EU, EU branches on non-EU firms and SFT where Securities used are issued by an EU issuer or by an EU branch of the firm.

❑ Prudential Regulation Authority (PRA 110)

- ❑ Prudential Regulation Authority's (PRA's) proposals on a cashflow mismatch risk (CFMR) framework and other PRA methodologies for assessing firms' liquidity risk, under the Pillar 2 liquidity ('Pillar 2') framework.
- ❑ The Pillar 2 framework is intended to complement the Pillar 1 regime by considering liquidity risks not captured, or not fully captured, under Pillar 1.3 Assessments under the Pillar 2 framework form part of the PRA's Liquidity Supervisory Review and Evaluation Process (LSREP). In designing a Pillar 2 framework to assess and mitigate significant sources of liquidity risk, the PRA is seeking to ensure that firms have adequate liquidity, which contributes to the PRA's objective of promoting the safety and soundness of firms.
- ❑ In CP21/16, the PRA outlined the objectives of the Pillar 2 framework, its scope, and planned future work. It proposed a Statement of Policy (SOP) on its approach to three Pillar 2 risks: intraday liquidity, debt buyback, and non-margined derivatives. It also made proposals on the level of application of Pillar 2 and the PRA's expectations relating to disclosure of Pillar 2.4 This CP builds on those proposals.

❑ MAS 610 – Risk Aggregation & Statistics Reporting

- ❑ Covering entire dismantling of ACU vs DBU Books whereby we would be covering all aspects of Banks Front, Middle, Risk Office Architecture.
- ❑ Covering all the Conversions at Front Office Level – FX Exposures, IR Exposures (With Libor), IR Exposures (Without Libor), Non-IR Exposures (Commodities, Energy, Fixed Income)
- ❑ Covering System Integration Testing (SIT) which includes Enterprise Resource Planning (ERP) – SAP, Oracle, Treasury Management Systems (TMS) – Murex, Calypso, SunGard, FIS.

- ❑ Duration – 8 Weeks (Excluding Saturday, Sunday, Public Holidays)
- ❑ Duration – 8 Hours/Day
- ❑ Cost - \$ 1 Million **
- ❑ Audit Scope – To be signed between Treasury Consulting Group & Client
- ❑ Type – Onsite Audits by Treasury Consulting Team

** Cost of \$ 1 Million to be paid in Milestones. Separate Commercial Agreements to be signed covering SOW, PO and Commercial Agreements between Treasury Consulting Group & Bank.

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