







Canadian Foreign Exchange Committee

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Toronto 20th February 2025



Agenda

- Global FX Division (GFXD)
 - Introduction
 - Membership ii.
 - iii. GFXD 2025 Focus Areas
- **GFXD Activities**
 - **FX Settlement Risk**
 - **FX Resiliency**
 - iii. FX Trading Venue Control
 - iv. Digital Money and FX
 - Future of FX Project ٧.





1.i - GFXD - The Voice of the Global FX Industry

- Formed in June 2010
- Recognition that there was no coordinated trade body representing the FX dealer industry globally
- The GFXD now has 25 members, representing the largest global FX dealers and accounting majority of dealer market share (Euromoney survey)
- The Division is global, and represents the FX interests of the three Global Financial Markets Association (GFMA) bodies:
 - AFME Association for Financial Markets In Europe
 - ASIFMA Asia Securities Industry and Financial Markets Association
 - SIFMA Securities Industry and Financial Markets Association
- Led out of London by MD with staff in London, New York, Singapore
- Desire to represent a truly global association representing the industry in multiple locations
 - Frequent interaction with dealers outside the GFXD membership
 - Industry outreach to end users corporates and real money as well as other investors
 - Outreach sessions with infrastructure providers, exchanges, CCP, technology providers
- 4 key global groups: Board; Steering Committee; Operations Committee; AsiaPac Committee
 - Working groups established for key issues and projects
 - Market Architecture Group has become increasingly important







1.ii - GFXD Membership

- Membership currently 25 banks representing the majority of the global FX dealer market
 - Board Members are from the following banks and are Global Heads of Foreign Exchange





J.P.Morgan























































1.iii - GFXD 2025 Focus Areas/Workplan

			Americas	AsiaPac	Europe
	Intra-member information flow and topic connectivity	Outreach and Engagement	Central Banks, Regulators, FX Market Participants, Infrastructure Providers, Other Industry Associations Supervisory Briefings		
		Monitoring/ Responding to Regulations	IOSCO Frameworks, Emerging Technologies		
			Dodd-Frank	Local Swaps Regulations	EU/UK: BMR, MiFID, MAR, EMIR
ring		Regulatory Implementation /Optimisation	"Deglobalisation" impacts and "national autonomy" trends		
nito			Conduct Agenda, Global FX Code		
Scanning/Monitoring		Infrastructure, Efficiencies and Risk Mitigation	Settlement Risk Management and Settlement Innovation, including T+1		
uning			Pre & Post-Trade Processing Efficiencies		
Scal			Capital Efficiencies, including Clearing, Optimisation and Compression		
Horizon			FX Prime Brokerage		
Hol			Resiliency		
		Market Structure Evolution	New tech - CBDCs, Stablecoins, Digital Assets, DLT, Al		
			ESG - Focus on Social and Governance — Next Step FX		
			Emerging Markets Considerations		
			Impact of Fragmentation of Market Infrastructures		

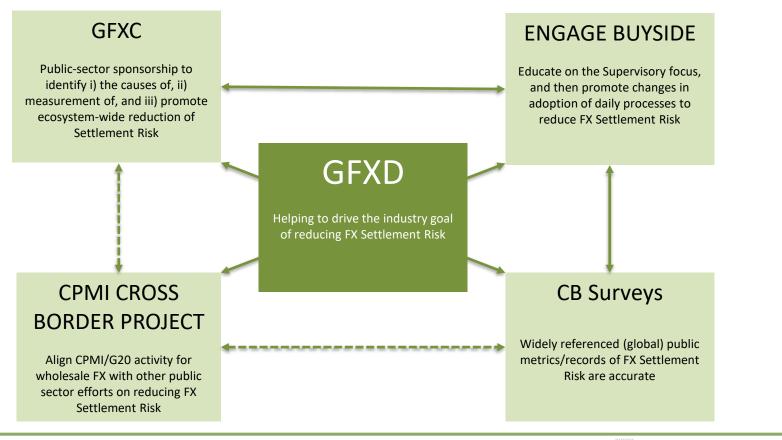






2.i - FX Settlement Risk

- GFXD actively engaged in promoting a coordinated approach to lowering Settlement Risk across global FX ecosystem
 - Goal to align multiple private and public sector activities
 - Promote engagement of buy-side, custodians and non-GFXD banks in efforts to reduce Settlement Risk
 - GFXC have prioritized Settlement Risk as one of the 3 topics in the 3-year review (ii. Enhancing Transparency iii. Use of FX Data)









2.i - FX Settlement Risk

- GFXD promoting the use of the Settlement Risk waterfall
 - CB's using the new Settlement Risk template to calculate Settlement Risk
 - Results showing Settlement Risk closer to 10-15% than 31% observed in BIS 2022 Triennial Survey
 - Focus is now on the 10%
 - Perform an analysis to prep for the expected CB focus into the 10-15% gross-bilateral bucket

FX Settlement Risk Waterfall PVP **SETTLE** NO PVP ELIGIBLE NOT PVP ELIGIBLE SETTLED OUTSIDE PVP APPLY RISK 'REDUCTION' TECHNIQUES e.g. Settlement netting Settle in one currency (e.g. all trades closed out at EOD and settled • Internal business (i. same entity-no risk? or ii. across entities) · On us settlement REMAINING TRX WITH INCREASED SETTLEMENT RISK e.g. • Gross settlement of non CLS counterparties • Non CLS [& deliverable EM] currencies 10-15% • Gross single currency payments (e.g. option premiums, NDF fixes) · Gross settlement of CLS eligible trades • Gross settlement of non-CLS eligible trades







2.ii - FX Resiliency

- Resiliency within the wider capital markets remains a key supervisory focus
 - Recent focus is in-relation to a cyber event e.g., ION, ICBC and EquiLend events.
 - GFXD members continue to develop individual and network-wide plans
- GFXD identified opportunity to assist members in planning with a deep dive on the highest risk area(s)
 - Settlement Risk identified as the first high-priority topic
 - Other topics, including manual processes/day to day resiliency can be assessed in the future if required
 - GFXD members have completed their analysis and finalized the 'settlement outage' Run-Book
- The goal has been to produce a document that would aid member planning over a prolonged period
 - Chosen case study: 'An FX settlement system goes down and it is not clear at the time how long this could last'
- Key findings
 - 12 key issues and 42 short-falls (36 for firms themselves to address, 6 for the industry) were identified
 - #1 requirement was 'a globally accepted industry trusted source or centralized source of information'
- CLS have developed Alternative Processing Site (APS), now live and tested in Dec 2024
 - Cloud based alternative that can support settlement for up to 3+ weeks
 - CLS believe APS addresses the 'continuity of service' need as per GFXD feedback







2.ii - FX Resiliency

Resiliency Working Group has confirmed 3 new focus areas

Golden Source of Information

- Current CB comms are to local members only not representative of the local/global market
- WG goal is have access to complete and accurate information on which to make controlled decisions
- Any information shared would need to be from a trusted source a 'Golden Source of Information'
- Real value is to achieve a consistent global strategy i.e., approach adopted by multiple central banks

Confirmation outage

- In addition to a settlement outage, the WG identified that confirmations is a critical function
- GFXD will engage with SWIFT to better understand their resiliency plans
- Sharing of this information with a wider audience will support GFXD members in their contingency planning

Phishing

- Opportunity to provide awareness of more sophisticated cap markets phishing methods
- Goal is to support in-house training and increase member awareness across the FX lifecycle







2.iii - FX Trading Venue Control

- Recent US fine has increased the focus on trading venue surveillance, control and governance processes
 - The 2021 UK PRA SS2/21 'Outsourcing and third-party risk management' also inc. governance, controls and risk mgt
- Detailed OCC 'Consent Order' (Mar24) id. 9 specific trading venue and governance requirements, incl.
 - 'the design and implementation of policies and procedures that provide for effective trading venue governance, data governance, and related controls'
 - 'trade surveillance data governance and related control processes that adhere to the Bank's Data Risk Management Policy and Standards'
- Initial thoughts/findings
 - Opportunity to standardise the key topics/questions to the trading venues would improve efficiency and information
 - Whilst this is a cross-asset issue, FX is likely to have specific challenges to consider e.g. bespoke EM venues
- GFXD produced a "Trading Venues Questionnaire Template" to help standardize data and topics/questions
 of interest
 - i. General: contacts, rulebook information, licenses, venue categorization
 - ii. Entity Structure: legal names, MIC, governing law, regulator, applicable rules and regulations
 - iii. Trading: execution protocols, products, limitations, provision of last look/PTMM/firm or indicative pricing
 - iv. Access: how is the venue accessed, who can access, how is this controlled
 - v. Control: types of front-end and pre-trade controls used
 - vi. Surveillance: types and frequency of surveillance used, and types of data provided
 - vii. Data: how is trade data provided, how is client/bank data safeguarded, provision of automated data
 - viii. Resiliency: over-view of plans, protection against cyber







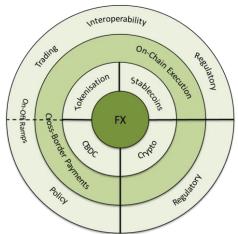
2.iv - Digital Money and FX

- Since 2022, there have been multiple significant product (i.e. tokenisation) and regulatory, (e.g. EU MiCA)
 developments across the digital landscape
 - Driven through public, private and joint sector experiments, across asset, jurisdictions and trade lifecycle
 - Some experiments/PoC have moved to production, e.g. Blackrock and Fidelity Tokenised Funds
 - Expectation that the change in US politics will now accelerate changes within the digital landscape
- FX has been/will be impacted via the need to support cross-border payments
 - Impact is expected to be initially limited to a subset of corporate and institutional investor spot volume
- Understood to be interest growing from corporates to leverage new technologies for EM payments
- Institutional interest for banks to join the crypto ecosystem to support their ETF activities

GFXD Digital Dartboard

Evolving Digital Landscape

- Multiple FX touchpoints
- Global in nature
- Some related to operational improvements
- Others offer trading opportunities



Potential size of digital cross-border payment market is limited*

Corporate/trade - ~\$150bn/day

Securities transactions - ~\$230bn/day

- Intraday swaps - \$?

Costs of providing liquidity likely to further limit use of atomic settlement







2.v - Future of FX (FoFX) Project

- GFXD have commenced work on a "Future of FX" Project for our members, to help understand the impact
 of the significant changes occurring in the FX market
 - To identify what are the most important drivers of change e.g., Regulation, cost, technology, client needs, credit
 - To identify how these impact the FX market structure, participants, platforms and products
 - To assess the impact on the FX market today and how these drivers of change will impact the FX market of the future
- This is the 3rd GFXD FoFX report (prev. reports 2018, 2021) and will be conducted over 6 months
 - Employ the use of external consultants to deliver the report (EY)
 - The final report is for the use of members and to support future GFXD work
- The field work of the report is underway, 3 workstreams to develop a series of themes/working hypotheses
 - Market Survey
 - Outreach to over ~800 market participants for their input into a survey questionnaire (survey live until March 31st)
 GFXD Future of FX Survey Questionnaire Feb 2025
 - All respondents receive a copy of the survey results
 - 2. Series of 1:1 interviews with ~50-75 SME's
 - 3. Series of SME Workshops on topics such as regulation, execution platforms, liquidity







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