Outlook of the Turkish Capital Markets COVID and post-COVID World



MKK's contribution to digitalization and digital risk management processes in the Turkish capital markets

MKK systems enabling the management and measurement of systemic risks in derivatives and fixed income markets





MKK systems enabling the management and measurement of the risks of investors who engage in margin trading, short selling and securities lending transactions



Public Disclosure Platform



Data Analysis Platform



Intermediary
Institutions MKK
Data Analysis
Platform



Real Estate Based and Developing Financial Instruments Information System



Investor Information Center

MKK systems and platforms that enable availability, accessibility, transparency and centralization of capital market data



Systemic risk dashboard prototype

How stressed is the ecosystem?

External stress/threat assessment

- Financial stress
- Cyber attacks
- Performance of market infrastructures

INBOUND



CSD vulnerability assessment

- Profitability, margins, leverage, capital
- Non-deployed vulnerability patches
- Services without back-up solutions

CSD stress assessment

- Management actions
- System outages
- Operational mistakes

Is the CSD generating stress for its ecosystem?

Is the CSD sufficiently resilient to contain external stress?



OUTBOUND

How vulnerable to stress is the ecosystem?

- Financial leverage
- Asset valuation
- Tightening financial conditions & limited liquidity

External vulnerability assessment



DISCOVERIES



PFMI – reality check (BCP & DRP)

By the book:



Reality:



TIER 3 Data centers



Personnel



Client paperwork

each DC is at risk of being hit by a missile

employees are geographically dispersed

paper documents do not work both sides