WFC Single Disclosure Report 2018 Date submitted 19/02/2019 02:26:52 General information 1 G01Q001 Please indicate the full name of the responding institution: PFMI: Annex A - CSD disclosure template [CSD name] AGC: 0a KELER Ltd. 2 G01Q002 Registered address: PFMI: n/a AGC: 0c Rákóczi út 70-72, H-1074 Budapest 3 G01Q003 Country of registered address: PFMI: n/a AGC: 0d Hungary 4 G01Q004 Official website of the respondent institution: PFMI: Annex A - CSD disclosure template [website] AGC: n/a www.keler.hu 5 G01Q005 The date of this disclosure is: PFMI: Annex A - CSD disclosure template [date] AGC: n/a 28/12/2018 6 G01Q006 The WFC, the AGC, CPMI and IOSCO encourage respondents to make their disclosure reports publicly available. Do you agree to make your response publicly available? Yes, my response will be public, but only for my answers to AGC questions. [A2] 7 G01Q007 How will you be making your answers publicly available? PFMI: n/a AGC: 99a Website Upon request OTHER: 8 G01Q008 This disclosure can also be found at the following web address(es): PFMI: Annex A - CSD disclosure template [website URL] AGC: 99b https://english.keler.hu/Key%20documents/Questionnaires/ 9 G01Q009 First and Last Name of the contact person:

10 G01Q009A

Mr. Gabor Szentpeteri

PFMI: Annex A - CSD disclosure template [contact details] AGC: 99c

Disclosure submission authorisation
☐ I hereby certify that I am authorised to submit this disclosure report on behalf of my institution.
11 G01Q010 Email address of the contact person: PFMI: Annex A - CSD disclosure template [contact details] AGC: 99h szentpeteri.gabor@keler.hu
12 G01Q011 Telephone number (please include the international country code): PFMI: n/a AGC: 99e +3614836275
- No. 100210
13 G01Q012 How do you prefer to be contacted? PFMI: n/a AGC: 99d
▼ Telephone Fax mail/air courier ▼ e-mail
14 G01Q013 Fax number PFMI: n/a AGC: 99f +3614836194
100110001104
15 G01Q014 What is the preferred street address for mailing requests? PFMI: n/a AGC: 99g Råkóczi út 70-72, H-1074 Budapest, Hungary
Nakouzi ut 70-72, n-1074 buudpest, nuligaly
24 G01Q023 filecount - Add relevant appendices for this group. PFMI: n/a AGC: n/a
0
Legal Basis (PFMI Principle 1)
26 G02Q002 Under what regulation or statute is the CSD established and governed? PFMI: n/a AGC: 7
Act CXX of 2001 on the Capital Market (Capital Market Act); Act CCXXXVII of 2013 on Credit Institutions and Financial Enterprises (Credit Institutions Act); Act CXXXVIII of 2007 on Investment Firms and Commodity Dealers, and on the Regulations Governing their Activities (Investment Firms Act); KELER General Business Rules; KELER CCP General Business Rules
27 G02Q003 Is the regulation or statute electronically available?
PFMI: n/a AGC: 7a
Yes [Y]
28 G02Q004 If regulation or statute is electronically available, please supply web address(es) here or upload document(s). PFMI: n/a AGC: 7b

KELER General Business Rules: https://english.keler.hu/Key%20documents/Regulatory%20documents/General%20Business%20Rules/KELER CCP General Business Rules: https://english.kelerkszf.hu/Key%20documents/Regulatory%20documents/General%20Business%20Rules/

00.000007		
29 G02Q005 filecount - Please supply document(s) here:		
PFMI: n/a AGC: 7c		
act_cxx_of_2001.pdf (934KB)	Act CXX of 2001 on the Capital Market	Effective as of 10 November 2018
act_cxxxviii_of_2007.pdf (1073KB)	Act CXXXVIII of 2007 on Investment Firms and Commodity Dealers, and on the Regulations Governing their Activities	Effective as of 10 November 2018
act_ccxxxvii_of_2013.pdf (1178KB)	Act CCXXXVII of on Credit Institutions and Financial Enterprises	Effective as of 10 November 2018
2018_10_01_KELER-CCP-General-Business-Rules.pdf (1671KB)	KELER CCP General Business Rules	Effective as of 1 October 2018
2018_11_30_3-01_KELER-General-Business-Rules.pdf (1297KB)	KELER General Business Rule	Effective as of 30 November 2018
5		
PFMI: n/a AGC: n/a 0 Governance and ownership (PFMI Principle 2) 44 G03Q002 What type of legal entity is the institution? PFMI: n/a AGC: 3 □ Public Company ▼ Private Company		
Central Bank (or part thereof) Stock Exchange (or part thereof) OTHER:		
45 G03Q003 Is the institution operated as a "for profit" or a "not for profit" organization?" PFMI: n/a AGC: 4 For profit [A01]		
46 G03Q004 Please provide the names of the owners and their ownership interest percentages. PFMI: n/a AGC: 5		
National Bank of Hungary (NBH) - 53,33% Budapest Stock Exchange (BSE) - 46,67%		
47 G03Q005 What is the date of establishment of the CSD? PFMI: n/a		

AGC: 6a 12/10/1993

48 G03Q006

What is the date that the CSD's operations began?

12/10/1993

49 G03Q007

Are participants required to contribute capital to the CSD that would result in ownership of the CSD?

PFMI: n/a AGC: 18

No [A02]

58 G03Q016
What are the roles and responsibilities of the CSD's board of directors (or equivalent), and are they clearly specified? Please provide details of the structure and composition of your Board together with their industry experience and responsibilities in governing the CSD. What are the qualifications to become a board member?

PFMI: Q.2.3.1 AGC: 7d

The Board has seven members - two of them are appointed by National Bank of Hungary, two of them are appointed by Budapest Stock Exchange and two of them are inner members. The seventh member is independent.

60 G03Q018 What are the election procedures?

PFMI: Q.2.3.2 AGC: 7e

Board members are elected at the General Meeting, the election is subject to approval by the supervisory authority, the National Bank of Hungary, according to the Hungarian banking regulations. The Board elects its chairman - the seventh member - from among its members.

61 G03Q019 What is the maximum length of time a board member can serve?

PFMI: Q.2.3.2 AGC: 7f

Re-election is possible without limitation

62 G03Q020
How are the voting powers distributed amongst the board members (i.e. does each board member have one vote or do certain members have additional voting power)?

Each board member has one vote. In case of vote-equality, the vote of the chairman would be decisive.

64 G03Q022
What are the procedures established to review the performance of the board as a whole and the performance of the individual board members? Who is responsible for regulating the board members?

PFMI: Q.2.3.4 AGC: 7h

Certain legislation, the company General Meeting, and the supervisory authority, the National Bank of Hungary are all in a sense responsible for regulating Board members. For the purpose of supervision of the Board the General Meeting elects the Supervisory Board.

84 G03042 filecount - Add relevant appendices for this group.

PFMI: n/a

Comprehensive risk management (PFMI Principle 3)

87 G04Q003

Any direct damages or losses to participants caused by the CSD as a result of force majeure events, acts of God, or political events, etc.?

PFMI: Q.3.1.1 AGC: 66x.

No [A02]

88 G04Q004
If yes, please check all of the following that apply:

PFMI: Q.3.1.1 AGC: 66y. Financial limits are imposed on the amount of liability assumed by the CSD The CSD assumes liability for direct losses The CSD assumes liability for indirect or consequential losses OTHER:
☐ The CSD assumes liability for direct losses ☐ The CSD assumes liability for indirect or consequential losses
☐ The CSD assumes liability for indirect or consequential losses
□ OTHER:
- Sinds
89 G04Q005 In all cases where the CSD assumes responsibility for direct or indirect or consequential losses, is the CSD's liability limited by a standard of care determination?
PFMI: Q.3.1.1 AGC: 66+
Yes [A01]
90 G04Q006 Please define the standard of care applied:
PFMI: Q.3.1.1 AGC: 66*
The depository shall repair direct pecuniary losses of its customers proved by proper evidence if such damages are attributable to and occurred in the operation of the depositary. The depository is exempted from liability for any damages, pecuniary losses, lost profit or non-material damages that may occur beyond its operations based upon statutory provisions and/or its General Business Rules. The depository shall be relieved of liability if it is able to prove that it has acted in a manner that can generally be expected in the given situation.
109 G04Q025
filecount - Add relevant appendices for this group. PFMI: n/a
AGC: n/a
0
Credit risk (PFMI Principle 4)
120 G05Q011 Does the CSD have a guaranty fund independent of stock exchange or other market guarantees?
PFMI: Q.4.3.1
AGC: 78
Other: The default funds are operated by KELER CCP Ltd.
123 G05Q014
How is the fund financed?
PFMI: Q.4.3.1 AGC: 78d.
Contributions from participants [A02]
126 G05Q017 Who is covered by the fund?
PFMI: Q.4.3.1
AGC: 78h.
☐ Direct CSD participants only
The beneficial owner also
127 G05Q018 When is the guaranty fund used?
PFMI: Q.4.3.1
AGC: 78j.
☐ When a broker defaults
When a direct participant defaults
OTHER:When a general or a direct clearing member's default cannot be covered by the member's own individual collateral
130 G05Q021 Does the CSD have insurance to cover losses in the event of Default on settlement commitments by the CSD or a participant?

133 G05Q024 Please explain other loss or default protections:
PFMI: Q.4.3.3 AGC: 79a
N/A
134 G05Q025 Does the CSD accept liability (independent of any insurance coverage) for the following: Any direct damages or losses to participants caused by the CSD in its capacity as a central counterparty?
PFMI: Q.4.3.3 AGC: 66q.
Other: KELER CCP Ltd. (subsidiary of KELER) is the sole central counterparty regarding guaranteed Budapest Stock Exchange transactions and regarding guaranteed gas market transactions and power market obligations.
135 G05Q026 If yes, please check all of the following that apply:
PFMI: Q.4.3.3 AGC: 66r.
Financial limits are imposed on the amount of liability assumed by the CSD
The CSD assumes liability for direct losses The CSD assumes liability for indirect or consequential losses
OTHER:
139 G05Q030 filecount - Add relevant appendices for this group.
PFMI: n/a AGC: n/a
0
Collateral (PFMI Principle 5)
140 G06Q001
Summary narrative for PFMI Principle 5. Please provide a summary narrative disclosure with sufficient detail and context, as well as any other appropriate supplementary information, to enable readers to understand the CSD's approach to or method for observing the principle. Please use the following questions as guidance for the points of focus and level of detail it is expected to convey in the disclosure. Cross references to publicly available documents should be included, where relevant, to supplement the discussion.)
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Money settlements (PFMI Principle 9)

945 000000
216 G09Q003 Who accepts cash deposits (or makes payment credit accommodations) for CSD transactions?
PFMI: Q.9.1.1
AGC: 31
♥ CSD
Neither or others (e.g. credit lines used)
Not applicable
□ OTHER:
218 G09Q005
Who processes cash clearing (or draws on credit lines, if applicable) for CSD transactions?
PFMI: Q.9.1.1
AGC: 32
□ CSD
Banks appointed by the CSD
Not applicable
OTHER:
220 G09Q007
Who controls the movement of cash for cash deposits (or draws on credit lines, if applicable)?
PFMI: Q.9.1.1
AGC: 33, 33b
IF CSD
☑ Central Bank
☐ Banks appointed by CSD
Neither or others (e.g. credit lines used)
Not applicable
☐ OTHER:
222 G09Q009
Who controls the movement of cash for cash clearing (or for draws on credit lines, if applicable)?
PFMI: Q.9.1.1
AGC: 34
□ CSD
Banks appointed by CSD
Neither or others (e.g. credit lines used)
OTHER:
223 G09Q010
Please name banks appointed by CSD
PFMI: Q.9.1.1
AGC: 34a
N/A
233 G09Q020
filecount - Add relevant appendices for this group.
PFMI: n/a
AGC: n/a

Physical deliveries (PFMI Principle 10)

238 G10Q005 How are eligible securities lodged in the CSD system?
PFMI: Q.10.1.3 AGC: 57, 57a
☐ A registered certificate in the name of the CSD is delivered to the CSD.
A participant delivers the security with a valid transfer deed or stock power or other transfer document to the CSD which then effects registration.
☐ A registrar re-registers the security in the name of the CSD.
☐ Not applicable
OTHER:Either with a blank endorsement or in registered form.
239 G10Q006
When are securities lodged into the CSD reflected in a participant's CSD account?
PFMI: Q.10.1.3 AGC: 58, 58a
☐ Securities are reflected in the participant's CSD account immediately upon delivery to the CSD.
☐ Securities are re-registered prior to being reflected in the participant CSD account.
☐ Not applicable
☑ OTHER:Same day.
240 G10Q007
How long does it usually take to lodge securities with the CSD?
PFMI: Q.10.1.3 AGC: 59, 59b
1 to 2 days [A01]
242 G10Q009
During the process of lodging securities into the CSD, can the securities be traded?
PFMI: Q.10.1.3 AGC: 60
No [A02]
243 G10Q010 During the process of lodging securities into the CSD, can the securities be settled?
PFMI: Q.10.1.3
AGC: 60a
Other: Physical securities can only be settled in KELER's books after the process of lodging.
244 G10Q011 During the process of lodging securities into the CSD, can the securities have ownership transferred?
PFMI: Q.10.1.3
AGC: 60b
No [A02]
247 G10Q014 If ownership cannot be transferred, or if you answered other, please explain
PFMI: Q.10.1.3
AGC: 60e
Market practice.
248 C100015
248 G10Q015 Are securities immediately available for delivery upon transfer to the CSD?
PFMI: Q.10.1.3
AGC: 61, 61d
Yes [A01]
251 G10Q018
If not applicable, please explain
PFMI: Q.10.1.3 AGC: 61c
N/A

252 G10Q019 What transfer process steps are involved when eligible securities are withdrawn from the CSD for safekeeping? PFMI: Q.10.1.3 AGC: 63, 63a Other: Physical securities can only be delivered out or destroyed, no withdrawal process is available. IN case of delivery out signature check of the instruction is performed, the provision check follows, finally a debit entry is getting booked. Before physical securities are destroyed KELER checks if the security rights are expired and the company had been deleted from the Company Register. 253 G10Q020 How long does it usually take to remove securities from the CSD? PFMI: Q.10.1.3 AGC: 64, 64b 1 to 2 days [A01] 255 G10Q022 While the securities are being removed from the CSD, can they be traded? (Choose one) PFMI: Q.10.1.3 AGC: 65a No [A01] 256 G10Q023 If they cannot be traded please explain PFMI: Q.10.1.3 AGC: 65b Market practice $257\,$ G10Q024 While the securities are being removed from the CSD, can they be settled? (Choose one) PFMI: Q.10.1.3 AGC: 65c No [A01] 258 G10Q025 If they cannot be settled, please explain PFMI: Q.10.1.3 AGC: 65d $259 \;\; \text{G10Q026}$ While the securities are being removed from the CSD, can they have ownership transferred? (Choose one) PFMI: Q.10.1.3 AGC: 65e No [A01] 260 G10Q027 If ownership cannot be transferred, please explain PFMI: Q.10.1.3 AGC: 65f Market practice. 262 G10Q029 What are the vault security procedures for the safekeeping of physical paper? PFMI: Q.10.2.1 AGC: 75 Not applicable, no vault is maintained Electronic keys or combinations ▼ Dual access control ✓ Visitor logs ▼ Vault counts Intrusion alarms Fire alarms ✓ Guards OTHER:

263 G10Q030 Please indicate frequency of vault counts:
PFMI: Q.10.2.1 AGC: 75a.
Full inventory on a yearly basis and random checks.
268 G10Q035 filecount - Add relevant appendices for this group.
PFMI: n/a AGC: n/a
0
Central Securities Depositories (PFMI Principle 11)
270 G11Q002 CSD FUNCTIONALITY AND SERVICES, USE OF AGENTS. Certain functionalities and services reduce risk to an investor if provided in an efficient manner. The purpose of this section is to identify those functionalities that may potentially be offered by depositories and clearing systems around the world, and ascertain whether they are offered by your institution. For which of the following security types do you serve as a CSD or clearing system?
PFMI: n/a AGC: 26
Government securities
▼ Equities
Corporate money market
Not applicable 7. OTHER by a character of the Control Book Book Book Book Book Book Book Bo
OTHER:Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options
PFMI: n/a AGC: 26a.
AGC: 26a.
AGC: 26a. Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G11Q004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equities, government securities, corporate bonds, money market instruments, warrants, derivatives etc). PFMI: n/a
AGC: 26a. Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G11Q004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equities, government securities, corporate bonds, money market instruments, warrants, derivatives etc).
AGC: 26a. Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G11Q004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equities, government securities, corporate bonds, money market instruments, warrants, derivatives etc). PFMI: n/a AGC: 27, 27c
AGC: 26a. Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G11Q004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equities, government securities, corporate bonds, money market instruments, warrants, derivatives etc). PFMI: n/a AGC: 27, 27c Yes by law for settlement of all instrument types
AGC: 26a. Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G11Q004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equities, government securities, corporate bonds, money market instruments, warrants, derivatives etc). PFMI: n/a AGC: 27, 27c Yes by law for settlement of all instrument types Yes by law for safekeeping of all instrument types
AGC: 26a. Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G11Q004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equities, government securities, corporate bonds, money market instruments, warrants, derivatives etc). PFMI: n/a AGC: 27, 27c Yes by law for settlement of all instrument types Yes by law for safekeeping of all instrument types Yes by market practice for settlement of all instrument types
AGC: 26a. Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G11Q004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equities, government securities, corporate bonds, money market instruments, warrants, derivatives etc). PFMI: n/a AGC: 27, 27c Yes by law for settlement of all instrument types Yes by warket practice for settlement of all instrument types Yes by market practice for safekeeping of all instrument types Yes by law for settlement, but not for all instrument types Yes by law for safekeeping, but not for all instrument types Yes by law for safekeeping, but not for all instrument type
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Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G11Q004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equilies, government securities, corporate bonds, money market instruments, warrants, derivatives etc). 278 PFMI: n/a 279 AGC: 27, 27c 270 Yes by law for settlement of all instrument types 270 Yes by law for safekeeping of all instrument types 271 Yes by market practice for settlement of all instrument types 272 Yes by market practice for safekeeping of all instrument types 273 Yes by law for safekeeping, but not for all instrument types 274 Yes by law for safekeeping, but not for all instrument types 275 Yes by law for safekeeping, but not for all instrument types 276 Yes by market practice for safekeeping, but not for all instrument types 277 Yes by market practice for safekeeping, but not for all instrument types 278 Yes by market practice for safekeeping, but not for all instrument types 279 Yes by market practice for safekeeping, but not for all instrument types 270 Yes by market practice for safekeeping, but not for all instrument types 271 Yes by market practice for safekeeping, but not for all instrument types 272 Yes by market practice for safekeeping, but not for all instrument types 273 Yes by market practice for safekeeping, but not for all instrument types
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Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G11Q004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equilities, government securities, corporate bonds, money market instruments, warrants, derivatives etc). PFMI: n/a AGC: 27, 27c Yes by law for settlement of all instrument types Yes by law for safekeeping of all instrument types Yes by market practice for safekeeping of all instrument types Yes by law for settlement, but not for all instrument types Yes by law for safekeeping, but not for all instrument types Yes by market practice for safekeeping, but not for all instrument types Neither OTHER: 273 G11Q005 Please list the instrument types for which it is not compulsory by law to: (i)settle in your CSD PFMI: n/a AGC: 27a. (i)
AGC: 268. Investment Fund Share, Venture Fund Note, Central Bank Bond, ETF, Certificate, Compensation Note, Mortgage Bond, Convertible Bond, Futures, Options 272 G110004 Is the use of the CSD in your market compulsory by law or compulsory by market practice for the settlement or safekeeping of all instrument types in your market (e.g. equities, government securities, corporate bonds, money market instruments, warrants, derivatives etc). PFMI: n/a AGC: 27, 276 Yes by law for settlement of all instrument types Yes by law for safekeeping of all instrument types Yes by market practice for safekeeping of all instrument types Yes by market practice for safekeeping of all instrument types Yes by law for safekeeping, but not for all instrument types Yes by market practice for safekeeping, but not for all instrument types Yes by market practice for safekeeping, but not for all instrument types OTHER: 273 G110005 Please list the instrument types for which it is not compulsory by law to: (i)settle in your CSD PFMI: n/a AGC: 27a. (i) Non-dematerialized securities eg. equities issued by private limited companies, OTC money market instruments, OTC warrants, OTC derivatives

Non-dematerialized securities eg. equities issued by private limited companies, OTC money market instruments, OTC warrants, OTC derivatives

275 G11Q007 Please list the instrument types for which it is not compulsory by market practice to: (i)settle in your CSD

PFMI: n/a AGC: 27b. (i)

Non-dematerialized securities eg. equities issued by private limited companies, OTC money market instruments, OTC warrants, OTC derivatives

276 G11Q008 (ii) safekeep in your CSD:

PFMI: n/a AGC: 27b. (ii)

Non-dematerialized securities eg. equities issued by private limited companies, OTC money market instruments, OTC warrants, OTC derivatives

277 G11Q009
Settlement and Safekeeping Percentages 28a Please list by instrument type the percentage of the total market in your jurisdiction (either volume or value) settled within your institution, exclusive of your links with third parties.

By law 100% of dematerialized securities are administered by KELER.

278 G11Q010
Please list by instrument type the percentage of the total market in your jurisdiction (either volume or value) held in safekeeping within your institution.

PFMI: n/a AGC: 28b.

By law 100% of dematerialized securities are administered by KELER.

280 G11Q012

To the event a participant's single or main account is blocked for any reason (e.g., insolvency, penalties, violations, liens), would securities held in any account or accounts on behalf of the participant's clients be accessible: By the participant's clients?

PFMI: Q.11.1.1 AGC: 44a

No [A02]

282 G11Q014
By the intervening authorities controlling insolvency or other proceedings?

PFMI: Q.11.1.1 AGC: 44d.

Yes [A01]

 $283 \quad \text{G11Q015} \\ \text{If yes, please describe briefly under what conditions access would be granted to the intervening authorities:} \\$

PFMI: Q.11.1.1 AGC: 44e.

Based on the Finality Directives to the competent authority ordering the blocking of the account may be granted upon strict rules and the decision of the court.

284 G11Q016

By the participant's creditors?

PFMI: Q.11.1.1 AGC: 44g, 44i

No [A02]

286 G11Q018 By the CSD's creditors?

PFMI: Q.11.1.1 AGC: 44j.

No [A02]

288 G11Q020 What is your document and record retention policy for documents and records described above in this section?

PFMI: Q.11.1.1

AGC: 47, 47a
Other: 10 years
220 0442004
289 G11Q021 Does the law protect participant assets from claims and liabilities of the CSD? PFMI: Q.11.1.1
AGC: 54
Yes [A01]
290 G11Q022
Can the CSD assess a lien on participant accounts? (A lien would entitle the CSD to take and hold or sell the securities of the participant in payment of a debt.) PFMI: Q.11.1.1 AGC: 55
Yes [A01]
291 G11Q023 If yes, for what reasons are liens or similar claims imposed? PFMI: Q.11.1.1
AGC: 55a
Fees and expenses
Collateralization of overdrafts
To secure payment for purchased securities
OTHER:
292 G11Q024 Please describe:
PFMI: Q.11.1.1 AGC: 55b
N/A
N/A
293 G11Q025 Please indicate the limits of this lien as indicated below:
PFMI: Q.11.1.1
AGC: 55c
The lien is limited to securities in the course of purchase and sale transactio [A02]
295 G11Q027
If a lien is placed on a participant's account which has been designated for its clients, will the CSD select certain securities to be subject to the lien?
PFMI: Q.11.1.1 AGC: 55e
No [A02]
297 G11Q029 Please explain:
РЕМІ: Q.11.1.1
AGC: 55g
N/A
298 G11Q030 If no, please indicate whether the entire account will be subject to the lien.
PFMI: Q.11.1.1
AGC: 55h Other: The lien will be placed to the proprietary account.
299 G11Q031
For accounts designated as client accounts, do procedures exist to restrict the placement of liens only to obligations arising from safe custody and administration of those accounts?
PFMI: Q.11.1.1 AGC: 55j
Yes [A01]
300 G11Q032 If yes, are the restrictions accomplished by:

PFMI: Q.11.1.1 AGC: 55k
Contract between the CSD and the participant [A01]
301 G11Q033 Please explain:
PFMI: Q.11.1.1
AGC: 55/
N/A
302 G11Q034
Transfer of Legal Ownership. Does the CSD have legal authority to transfer title to securities? PFMI: Q.11.1.1
AGC: 56, 56e
Yes [A01]
303 G11Q035 When does title or entitlement to CSD securities pass between participants?
PFMI: Q.11.1.1 AGC: 56a
When the transaction is processed on an intra-day basis [A03]
304 G11Q036 Please describe:
PFMI: Q.11.1.1
AGC: 56b
N/A
305 G11Q037
Where does title or entitlement to CSD securities pass between participants?
PFM: Q.11.1.1 AGC: 56c
On the CSD books [A01]
306 G11Q038 Please describe:
PFMI: Q.11.1.1 AGC: 56d
AGC, 500
N/A
308 G11Q040 In what form does the CSD maintain records identifying the assets of each participant?
PFMI: Q.11.1.2
AGC: 45
☑ Computer file
☐ Microfiche ☐ Hard copy
☐ Hard copy ☐ Computer tape
☑ OTHER:CD
309 G11Q041
In which format is the source data maintained?
PFMI: Q.11.1.2 AGC: 45b
prn file format on CD
314 G11Q046 If the securities held with the CSD are recorded by book-entry at the registrar, what are the control features at the registrar for transfer of registrar positions to and
from the CSD (e.g., authentication procedures, reconciliation, confirmation of position at registrar)? Please describe: PFMI: Q.11.1.6
AGC: 52i
N/A

317 G11Q049
How are CSD eligible securities held by the CSD? PFMI: Q.11.3.1
AGC: 50, 50a
☑ In certificated form
OTHER:
319 G11Q051 If CSD eligible securities are certificated, can CSD eligible securities be held outside of the CSD?
PFMI: Q.11.3.2 AGC: 51
Other: Only physical securities can be held outside of the CSD
322 G11Q054
Are these certificates: PFMI: Q.11.3.2
AGC: 51c
⊘ Registered
OTHER:
323 G11Q055 If registered, how are the CSD eligible securities registered?
PFMI: Q.11.3.2 AGC: 51d
☐ In the name of the CSD
☐ In the name of the depositing participant or its nominee ☐ In the name of a separate nominee of the CSD
☑ OTHER:.
327 G11Q059 If securities are dematerialized: May dematerialized security positions be re-certificated and held outside the CSD?
PFMI: Q.11.3.2 AGC: 52
No [A02]
328 G11Q060 Are the securities held:
PFMI: Q.11.3.2 AGC: 52a, 52k
Through book-entry at the CSD
☐ Through book-entry at a registrar or issuer ☐ OTHER:
329 G11Q061 Please identify which types of entities may act as registrars:
PFMI: Q.11.3.2 AGC: 52b
□ Issuers □ Separate companies that perform registrar functions
CSD CSD
OTHER:
330 G11Q062 If the securities held by the CSD are recorded by book entry at the registrar, are the securities registered only to the CSD, with the CSD providing the function of
If the securities ried by the CSD are recorded by both entry at the registrar, are the securities registered only to the CSD, with the CSD providing the function of recording ownership on a centralized basis for the market? PFMI: Q.11.3.2
AGC: 52d Other: N/A

332 G11Q064 Please describe:
PFMI: Q.11.3.2
AGC: 52f
N/A
334 G11Q066 Please describe:
PFMI: Q.11.3.2
AGC: 52h
N/A
Does the CSD accept liability (independent of any insurance coverage) for the following: Reconciliation errors with the registrar and/or the issuer that result in direct
damages or losses to participants?
PFMI: Q.11.4.1 AGC: 66, 66a, 66d
Yes [A03]
338 G11Q070
If yes, please check all of the following that apply:
PFMI: Q.11.4.1 AGC: 66b 66c
Financial limits are imposed on the amount of liability assumed by the CSD
✓ The CSD assumes liability for direct losses
The CSD assumes liability for indirect or consequential losses
□ OTHER:
339 G11Q071 Theft of securities (either physical certificate or electronically from accounts at the CSD) from the CSD that results in direct damages or losses to participants?
PFMI: Q.11.4.1
AGC: 66e, 66g, 66h
Yes [A02]
240_0440072
340 G11Q072 If yes, please check all of the following that apply:
PFMI: Q.11.4.1
AGC: 66f
Financial limits are imposed on the amount of liability assumed by the CSD
The CSD assumes liability for direct losses
The CSD assumes liability for indirect or consequential losses
☐ OTHER:
341 G11Q073
Failure of the CSD's systems that result in direct damages or losses to participants because they cannot use either securities or funds?
PFMI: Q.11.4.1 AGC: 66i, 66i.
Yes [A02]
342 G11Q074
If yes, please check all of the following that apply:
PFMI: Q.11.4.1 AGC: 66j, 66k
Financial limits are imposed on the amount of liability assumed by the CSD
▼ The CSD assumes liability for direct losses
The CSD assumes liability for indirect or consequential losses
□ OTHER:
343 G11Q075

PFMI: Q.11.4.1 AGC: 66m, 66p.
✓ Yes
□ No
☐ Not applicable
□ OTHER:
344 G11Q076 If yes, please check all of the following that apply:
PFMI: Q.11.4.1
AGC: 66n.
Financial limits are imposed on the amount of liability assumed by the CSD
The CSD assumes liability for direct losses
The CSD assumes liability for indirect or consequential losses
OTHER:
346 G11Q078 Is the CSD immune from legal action in its own jurisdiction?
PFMI: Q.11.4.2
AGC: 68 No [A02]
NO [AUZ]
348 G11Q080
Does the CSD have Fidelity insurance (that is, insurance to cover loss of securities or money resulting, for example, from acts such as forgery, theft, fraud and/or employee dishonesty)?
PFMI: Q.11.4.3
AGC: 92
No [A02]
350 G11Q082 What is the amount of the deductible?
PFMI: Q.11.4.3 AGC: 92b.
AUU. 32U.
N/A
351 G11Q083
Does the CSD have insurance for Operational Errors? PFMI: Q.11.4.3
AGC: 93
No [A02]
353 G11Q085 What is the amount of the deductible?
PFMI: Q.11.4.3
AGC: 93b.
N/A
356 G11Q088
What is the amount of the deductible?
PFMI: Q.11.4.3 AGC: 94b.
HUF 5 Million each and every loss
1.0. 3 million 3001 and 3101 1000
357 G11Q089 Does the CSD have insurance for the Premises?
PFMI: Q.11.4.3
AGC: 95
Yes [A01]
358 G11Q090
What is the amount of the coverage?

PFMI: Q.11.4.3
AGC: 95a.
Third party liability insurance including tenants liability. 50 million HUF per incident and 250 million HUF per year
359 G11Q091 What is the amount of the deductible?
PFMI: Q.11.4.3 AGC: 95b.
50 thousand HUF per incident
360 G11Q092 Does the CSD have any other insurance? PFMI: Q.11.4.3
AGC: 96, 96d
Yes [A01]
361 G11Q093 If so, what is it for?
PFMI: Q.11.4.3 AGC: 96a.
7100, 500.
1. Property insurance including robbery 2. Employers liability 3. Chief officers liability insurance
362 G11Q094 What is the amount of the coverage?
PFMI: Q.11.4.3
AGC: 96b.
1. 257 million HUF 2. 10 million HUF per incident and 20 million HUF per year 3. 1 billion HUF per incident and 1 billion HUF per year
363 G11Q095
What is the amount of the deductible?
PFMI: Q.11.4.3 AGC: 96c.
1. 200-250 thousand HUF depending on the type of incident (natural vs. robbery) 2. 50 thousand HUF per incident 3. 1 million HUF
364 G11Q096
Who is the insurance carrier? If more than one insurance carrier, please list each carrier here and provide your responses to questions 97a and 97b in corresponding order.
PFMI: Q.11.4.3
AGC: 97
Allianz Hungaria Ins. Co.
365 G11Q097
Who is the insurance carrier's parent company, if applicable? (If inapplicable, simply type n/a.)
PFMI: Q.11.4.3 AGC: 97a.
Allianz Versicherungs AG, Germany
366 G11Q098 What is the term of the policy?
PFMI: Q.11.4.3
AGC: 97b.
01.01.2018 31.12.2018. both days inclusive, except Chief Officers liability insurance: 01.05.2018 30.04.2019.
367 G11Q099
Who does the insurance cover?
PFMI: Q.11.4.3 AGC: 97c, 97d
▽ CSD
☐ Direct CSD participants
Final investors
☐ Not applicable
☐ OTHER:

369 G11Q101 filecount - Upload document here:
PFMI: Q.11.4.3 AGC: 98a.
0
370 G11Q102
Do the CSD's written contracts, rules, or established practices and procedures provide protection against risk of loss of participant assets by the CSD in the form of indemnification?
PFMI: Q.11.4.3 AGC: 67a, 67b.
☐ Yes ☑ No
☐ Not applicable
□ OTHER:
372 G11Q104
Please provide details of the relevant sections of the contracts, rules or practices where this information is found
PFMI: Q.11.4.3 AGC: 67c.
N/A
373 G11Q105 Insurance
PFMI: Q.11.4.3 AGC: 67d.
₩ Yes
□ No
Not applicable
OTHER:
374 G11Q106
Please explain (then please answer 67f): PFMI: Q.11.4.3
AGC: 67e. Act CXX of 2001 on Capital Market
375 G11Q107 Please provide details of the relevant sections of the contracts, rules or practices where this information is found
PFMI: Q.11.4.3 AGC: 67f.
"Section 340/A. (2) a); Section 340/B. f) of Act CXX of 2001 on Capital Market Please see question 7 documents uploaded. Note: the indicated section is not effective
anymore because the subject is going to be regulated by the CSD (EU) regulation which does not require the conclusion of insurance coverage, however the current insurance coverage was concluded according to the provisions of the above indicated act of law."
376 G11Q108 Acknowledgement of liability for losses caused by CSD's own actions.
PFMI: Q.11.4.3 AGC: 67g.
Yes [A01]
377 G11Q109
Please explain (then please answer 67i):
PFMI: Q.11.4.3 AGC: 67h.
General Business Rules of KELER Ltd. and KELER CCP Ltd. detail rules regarding acknowledgement of liability.
270 04040
378 G11Q110
PFMI: Q.11.4.3 AGC: 67i.

379 G11Q111 Other
PFMI: Q.11.4.3 AGC: 67j.
No [N]
381 G11Q113 Please provide details of the relevant sections of the contracts, rules or practices where this information is found.
PFMI: Q.11.4.3 AGC: 67I.
N/A
383 G11Q115 Are participants permitted to maintain more than one account at the CSD? PFMI: Q.11.5.1 AGC: 41
Yes [A01]
384 G11Q116
If yes, please indicate number:
PFMI: Q.11.5.1 AGC: 41a, 41c
✓ An unlimited number of accounts
☐ More than one account
□ OTHER:
387 G11Q119 Are participants required/permitted to segregate assets held for their own benefit from those they hold for their clients?
PFMI: Q.11.5.2
AGC: 42
▼ Yes
□ No
Not applicable
OTHER:
388 G11Q120 If yes, is segregation required or simply permitted?
PFMI: Q.11.5.2
AGC: 42a Required [A01]
required [201]
389 G11Q121
How does segregation occur?
PFMI: Q.11.5.2 AGC: 42b, 42c
☑ By sub-accounts within a single participant account.
☐ By separately designated beneficial owner accounts.
□ OTHER:
390 G11Q122 Does the CSD permit its participants to open accounts in the participant's own nominee name(s)?
PFMI: Q.11.5.2
AGC: 43, 43b
Other: Main accounts within KELER must be in the participants' own name, however a nominee name can be applied to any underlying subaccount. Laws exist to acknowledge the rights of beneficial owners with respect to shares registered in a nominee name.
392 G11Q124 Does the CSD maintain records that identify the assets of each participant and segregate the system's own assets from the assets of participants?
PFMI: Q.11.5.2
AGC: 53, 53a

☑ Yes
□ No
Not applicable
OTHER:
394 G11Q126
Please indicate services you provide. PFMI: Q.11.6.1
AGC: 35
Own list or: AGC: Information in advance on corporate (annual or special) meetings in order that owners can vote.
Tax assistance where foreign holders may be entitled to tax relief at source or through a claim.
In order to avoid fails, an automatic securities lending facility - if requested - is provided for.
Collateral handling in support of activities including securities lending, overdraft coverage, cash management, repurchase agreements, etc.
Not applicable
✓ OTHER:NOTE: Tax assistance applies only in case when the non-domestic custodian of foreign holder is direct client of KELER. OTHER SERVICES: 1.Cross-border
settlement and custody 2. Share Registrar and paying agent services
395 G11Q127 Automatic securities lending facility is provided for:
PFMI: Q.11.6.1
AGC: 35a
☑ Brokers
☑ Banks
Other financial institutions
OTHER:
396 G11Q128 If collateral handling, please provide details
PFMI: Q.11.6.1
AGC: 35c
KELER Ltd. handles collateral assets for the below reasons: -for KELER CCP, -Cash financing transactions to support settlement are also subject to collateral from the participantSecurities and/or cash for SLB transactions -In addition, KELER handles collateral for the Central Bank to back credit lines.
397 G11Q129
Other, please explain:
PFMI: Q.11.6.1 AGC: 35d
NOTE: Tax assistance applies only in case when the non-domestic custodian of foreign holder is direct client of KELER. OTHER SERVICES: 1.Cross-border settlement and custody 2. Share Registrar and paying agent services
398 G11Q130
What procedures are in place for the processing of corporate action entitlements?
PFMI: Q.11.6.1 AGC: 36
☐ Credited to the securities account on the day indicated below regardless of whether actually collected by the CSD on the scheduled date.
✓ Credited to the securities account upon actual receipt by the CSD.
☐ Not applicable
□ OTHER:
399 G11Q131 Credited to the securities account:
PFMI: Q.11.6.1
AGC: 36a
☐ On pay date.
☐ On pay date +1.
On pay date +2.
OTHER:

400 G11Q132 Name of entity:
PFMI: Q.11.6.1
AGC: 36c
Securities distribution is the responsibility of the issuer based on record date positions provided by KELER and payment details provided by the investor. Paying agent is appointed by the issuer. In case of reorganisations, the entitlements are credited to the CSD participants' securities accounts by KELER.
401 G11Q133 What procedures are in place for the processing of interest and dividends?
PFMI: Q.11.6.1
AGC: 37, 37d.
☐ Credited to the cash account on the day indicated below regardless of whether actually collected by the CSD on the scheduled date. ☐ Credited to the cash account upon actual receipt by the CSD.
□ Not applicable
□ OTHER:
402 G11Q134 Credited to the cash account:
PFMI: Q.11.6.1
AGC: 37a
On pay date.
On pay date +1.
☐ On pay date +2. ☐ OTHER:
403 G11Q135
Name of entity:
PFMI: Q.11.6.1 AGC: 37c
Cash distributions are the responsibility of the issuer based on record date positions provided by KELER and payment details provided by the investor. Paying agent is
appointed by the issuer. KELER provides paying agent services. In case of dividend payments, pay date is the start of paying period. Those shareholders receive dividend payments on paymant date that are recorded as shareholders in the Company Share Register on that date. Shareholders will remain entitled to receive the
dividend within a limited five-year period (set by the statute of limitation) beginning at the starting day of the dividend payment.
405 G11Q137 filecount - Add relevant appendices for this group.
PFMI: n/a
AGC: n/a 0
Fusioners of value cattlement avetoms (PFM Drinning 42)
Exchange-of-value settlement systems (PFMI Principle 12)
408 G12Q003 Does the CSD guaranty settlement?
PFMI: Q.12.1.1 AGC: 66u.
Yes [A02]
409 G12Q004 Please explain how this is accomplished. What are the procedures and safeguards that permit the CSD to guaranty settlement?
PFMI: Q.12.1.1
AGC: 66v.
KELER CCP Ltd. (subsidiary of KELER) as central counterparty guarantees transactions concluded on the guaranteed markets of the Budapest Stock Exchange to its
clients. The guarantee is supported by individual collateral of clearing members, collective guarantee funds and KELER CCP's assets.
411 G12Q006 The Committee on Payment and Settlement Systems of the Bank for International Settlements (BIS) has identified three common structural approaches or models for
linking delivery and payment in a securities settlement system. Please indicate which model your procedures most closely resemble.
PFMI: Q.12.1.2 AGC: 48
✓ Model1

Model2
✓ Model3
Not applicable
☐ OTHER:
412 G12Q007
Please briefly describe your settlement process, including how do your settlement procedures vary from the model chosen above?
PFMI: Q.12.1.3 AGC: 48a
AGC. 408
No difference from standard models. Note: Model 1 for off-exchange settlements, Model 3 for on-exchange cash market settlements
415 G12Q010
Are the cash and security movements simultaneous?
PFMI: Q.12.1.3 AGC: 49
Yes [A01]
417 G12Q012
filecount - Add relevant appendices for this group.
PFMI: n/a AGC: n/a
0
Participant default rules and procedures (PFMI Principle 13)
421 G13Q004 During the past three years, has there been a situation where a participant defaulted which resulted in a significant loss?
PFMI: Q.13.1.2
AGC: 77
No [A02]
423 G13Q006 Does the stock exchange have default protections that extend to the CSD, such as the following?
PFMI: Q.13.1.2
AGC: 80
☐ Margin requirements for stock exchange members
 ☐ Margin requirements for stock exchange members ☐ Guaranty fund for stock exchange members
Guaranty fund for stock exchange members
Guaranty fund for stock exchange members Financial requirements for stock exchange membership
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform
☐ Guaranty fund for stock exchange members ☐ Financial requirements for stock exchange membership ☐ No ☐ Not applicable
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults.
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G130007 Please explain: PFMI: Q.13.1.2
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G13Q007 Please explain: PFMI: Q.13.1.2 AGC: 80a
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G130007 Please explain: PFMI: Q.13.1.2
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G13Q007 Please explain: PFMI: Q.13.1.2 AGC: 80a In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G13Q007 Please explain: PFMI: Q.13.1.2 AGC: 80a In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults.
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G13Q007 Please explain: PFMI: Q.13.1.2 AGC: 80a In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults.
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G13Q007 Please explain: PFMI: Q.13.1.2 AGC: 80a In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults.
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Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G13Q007 Please explain: PFMI: Q.13.1.2 AGC: 808 In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 427 G13Q010 Participant Default Protections Resulting from a Participant Failure. If a participant defaults, how is the loss covered? (Choose all that apply?) PFMI: Q.13.1.4 AGC: 76, 76d CSD insurance covers the loss
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424. G13,007 Please explain: PFMI: Q.13.1.2 AGC: 80a In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults.
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G13Q007 Please explain: PFMI: 0.13.1.2 AGC: 80a In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 427 G13Q010 Participant Default Protections Resulting from a Participant Failure. If a participant defaults, how is the loss covered? (Choose all that apply?) PFMI: 0.13.1.4 AGC: 76, 76d CSD insurance covers the loss The CSD guaranty fund covers the loss Loss is shared among participants
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G13Q007 Please explain: PFMI: Q.13.1.2 AGC: 80.2 In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 427 G13Q010 Participant Default Protections Resulting from a Participant Failure. If a participant defaults, how is the loss covered? (Choose all that apply?) PFMI: Q.13.1.4 AGC: 76, 76d CSD insurance covers the loss The CSD guaranty fund covers the loss Loss is shared among participants Not applicable
Guaranty fund for stock exchange members Financial requirements for stock exchange membership No Not applicable OTHER:n principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 424 G130007 Please explain: PFMI: 0.13.1.2 AGC: 80a In principal, the relevant trading venue and KELER CCP applies rules for such cases. Procedures are elaborated for the affected organisations to inform each other and the relevant authorities, if a client defaults. 427 G130010 Participant Default Protections Resulting from a Participant Failure. If a participant defaults, how is the loss covered? (Choose all that apply?) PFMI: 0.13.1.4 AGC: 76. 76d CSD insurance covers the loss The CSD guaranty fund covers the loss Loss is shared among participants Not applicable OTHER:The CCP within the KELER Group does have loss sharing mechanism and KELER Ltd. takes part in the CCP's default procedures as a CSD. However it does

Please explain:

PFMI: Q.13.1.4 AGC: 76d

Please, find the explanation in the answer for question 427.

438 G13Q021 filecount - Add relevant appendices for this group.

0

General business risk (PFMI Principle 15)

440 G14Q002 Is a financial audit performed by an Audit Firm, Regulatory Authority, or other external party?

PFMI: Q.17.2.3 AGC: 15

Yes [Y]

 $441\ \ \text{G14Q003}$ If yes, please state the name(s) of the entity(ies) who perform the financial audit.

PFMI: n/a AGC: 15a.

KELER Central Depository Ltd, Deloitte Auditing and Consulting Ltd.

442 G14Q004
Please list the date of your last financial audit performed by an Audit Firm, Regulatory Authority, or other external party:

27/04/2018

443 G14Q005
Please list the period that the audit covered:

Start date: 01/01/2017 End date: 31/12/2017

444 G14Q006 How frequently does the financial audit occur?

Annually [A02]

446 G14Q008 Please select the statement that most accurately characterizes the results of the last financial audit:

PFMI: n/a AGC: 15g.

No material exceptions found. [A01]

448 G14Q010
Has there been any material loss by the CSD during the past three years?

PFMI: n/a

No [A02]

 $450 \quad \text{G14Q012} \\ \text{Has the CSD been subject to any litigation involving a participant during the past three years?}$

PFMI: n/a AGC: 87

No [A02]

 $452 \quad \text{G14Q014} \\ \text{Has the CSD realized revenues sufficient to cover expenses during the past three years?}$

PFMI: n/a AGC: 88, 88a

Yes for all three years [A01]
453 G14Q015 Has any participant suffered any losses in the past three years due to the CSD's performance?
PFMI: n/a AGC: 30, 30m
No [A02]
454 G14Q016 If yes, please select all of the following in which loss has occurred. You will be prompted to enter the number of instances and total loss in USD thereafter. PFMI: n/a AGC: 30a, 30j
☐ Corporate Action
Settlement Process - Securities
Settlement Process - Cash
System Outage
OTHER:
456 G14Q018 Corporate Action. Please specify total loss in USD:
PFMI: n/a AGC: 30c.
AGC. SUC.
N/A
458 G14Q020 Settlement Process - Securities. Please specify total loss in USD:
PFMI: n/a
AGC: 30e.
N/A
460 G14Q022
Settlement Process - Cash. Please specify total loss in USD: PFMI: n/a
AGC: 30g.
N/A
462 G14Q024
System Outage. Please specify total loss in USD:
PFMI: n/a AGC: 30I.
N/A
463 G14Q025
For Other, please specify number of instances:
PFMI: n/a AGC: 30k.
N/A
104 0440000
464 G14Q026 For Other, please specify total loss in USD:
PFMI: n/a AGC: 30I.
N/A
468 G14Q030 Does the CSD maintain a reserve for operating losses?
DEMI- 0.45.24

AGC: 89, 89b
AGC. 69, 690
Yes [A01]
471 G14Q033
Please describe and indicate reserve (for operating losses) amount:
PFMI: 0,15.2.2
AGC: 89a.
Based on audited data of financial year 2015, 2016 and 2017, capital requirement for operational risk under pillar I. is approximately USD 3,5 million (USD/HUF exchange
rate at 29 December 2017: 258,82).
482 G14Q044
filecount - Add relevant appendices for this group.
PFMI: n/a AGC: n/a
0
Custody risk (PFMI Principle 16)
485 G15Q003 Are there any activities performed by a third party on behalf of the CSD for the CSD participants (e.g., vaulting of physical securities, registration, entitlement processing,
de tiere any activities performed by a time party on behalf of the coop participants (e.g., validing of physical securities, registration, entitlement processing, etc.)?
PFMI: Q.16.1.1
AGC: 29, 29i
✓ Yes
□ No
Not applicable
□ OTHER:
485 045004
486 G15Q004 If third parties are employed, please indicate which services they supply:
PFMI: Q.16.1.1
AGC: 29a.
Some services in connection with custody of non-dematerialized securities and with proxy voting services provided by thrid parties for foreign serviced markets.
487, 0470095
487 G15Q005 If third parties are employed, does the CSD assume liability for losses incurred by participants as a result of the actions/inactions of the third parties?
PFMI: Q.16.1.1
AGC: 29b.
Yes [Y]
100, 0470000
488 G15Q006 If you acknowledge responsibility, please indicate whether your responsibility is assumed
PFMI: Q.16.1.1
AGC: 29c, 29e.
regardless of whether such loss was caused by any action or inaction of the agent
if such loss was caused by the agent's action or inaction and such action or inaction was deemed to be negligence on the part of the agent
if such loss was caused by the agent's action or inaction and such action or inaction was deemed to be gross negligence on the part of the agent
👿 if the loss was caused by the willful default or other willful conduct on the part of the agent
□ OTHER:
489 G15Q007 If you acknowledge responsibility for agents, your responsibility is assumed for losses
PFMI: Q.16.1.1 AGC: 29d, 29h.
To without limit
without limit
which are not consequential losses
subject to a monetary limit not based on insurance limits
subject to a monetary limit based on insurance limits
□ OTHER:
496 G15Q014

Please describe briefly the arrangements / procedures / facilities you maintain to ensure that eligible securities held at the CSD are handled at least as efficiently as compared to securities held outside the CSD, particularly in relation to income, corporate actions and proxy services.

PFMI: Q.16.3.1 AGC: 62

Annual due diligence process is carried out by KELER on the respective partners and services provided based on the CSDR requirements.

503 G15Q021 filecount - Add relevant appendices for this group.

PFMI: n/a AGC: n/a

0

Operational risk (PFMI Principle 17)

514 G16Q011 Internal Audit. Is an internal audit undertaken in your CSD?

PFMI: Q.17.2.3 AGC: 14

Yes [Y]

515 G16Q012 If yes, what areas does the audit cover (financials, operations, etc.) and which department in your CSD handles it?

PFMI: Q.17.2.3 AGC: 14a.

The audits of internal audit department cover IT, financials, operations, security and all other functions of the depository

516 $\,$ G16Q013 $\,$ Please list the date of your last internal audit and the period that the audit covered:

Start date: 01/01/2017 End date: 30/04/2018 Audit date: 25/09/2018

517 G16Q014 How frequently does the internal audit occur?

PFMI: Q.17.2.3 AGC: 14c.

Two or more times a year [A01]

519 G16Q016
Are the results of the internal audit publicly available?

PFMI: Q.17.2.3 AGC: 14e.

No [N]

520 G16Q017 Please select the statement that most accurately characterizes the results of the last internal audit:

PFMI: Q.17.2.3 AGC: 14f.

Minor exceptions found. [A02]

521 G16Q018 If minor or material exceptions were found, what actions were taken? Please describe:

PFMI: Q.17.2.3 AGC: 14g.

Action plan was prepared containing the findings, proposed measures, responsible departments and deadlines.

 $523 \quad \textbf{G16Q020} \\ \textbf{Is an operational audit performed by an Audit Firm, Regulatory Authority, or other external party?}$

PFMI: Q.17.2.4 AGC: 16

Yes [Y]

524 - G16Q021 If yes, please state the name(s) of the entity(ies) who perform the operational audit. The National Bank of Hungary. 525 G16Q022 Please list the date of your last operational audit performed by an Audit Firm, Regulatory Authority, or other external party: PFMI: Q.17.2.4 AGC: 16b. 23/08/2017 526 G16Q023 Please list the period that the audit covered: PFMI: Q.17.2.4 AGC: 16c. Start date: 01/01/2014 End date: 21/02/2017 527 G16Q024 How frequently does the operational audit occur? PFMI: Q.17.2.4 AGC: 16d. Less than annually [A03] 528 G16Q025 If less than annually, please explain: PFMI: Q.17.2.4 AGC: 16e. General operational audit is carried out by the Central Bank of Hungary in every three years on average. The law prescribes to carry out such audits at least in every five years. 529 G16Q026 Please select the statement that most accurately characterizes the results of the last operational audit: PFMI: Q.17.2.4 AGC: 16g. Minor exceptions found. [A02] 530 G16Q027 If minor or material exceptions were found, what actions were taken? Please describe: PFMI: Q.17.2.4 AGC: 16h. The surveillance report of 2017 included conclusions of different scales beside imposition of fine. Action plan was prepared containing the findings, proposed measures, responsible departments and deadlines. 537 G16Q034 How is access to the physical building controlled? PFMI: Q.17.5.1 AGC: 74 By guards personal ID card OTHER: 538 G16Q035 Please explain: PFMI: Q.17.5.1 AGC: 74a. 541 G16Q038

Regarding data security: Are passwords used by participants to access their accounts?
PFMI: Q.17.5.3 AGC: 71 71a.
Yes [A01]
542 G16Q039
Does each user have a unique user ID?
PFMI: Q.17.5.3 AGC: 71c.
Yes [A01]
543 G16Q040
Are passwords regularly changed?
PFMI: Q.17.5.3 AGC: 71e.
Other: KELER requires users to change their passwords every 31 days.
545 G16Q042 Is there a user lock-out after a pre-set number of unsuccessful User ID attempts?
PFMI: Q.17.5.3
AGC: 71h.
Yes [A01]
546 G16Q043 How many?
PFMI: Q.17.5.3
AGC: 711.
3
550 G16Q047 How quickly can the main system be reactivated in the event of an outage?
PFMI: Q.17.6.2
AGC: 82
AGC: 82
AGC: 82
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q,17.6.4 AGC: 84
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01]
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q,17.6.4 AGC: 84
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a.
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a.
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. To the CSD regulators To all direct participants
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. If to the CSD regulators If to all direct participants To direct and indirect participants
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. I To the CSD regulators To all direct participants To direct and indirect participants To the public via the internet
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. If to the CSD regulators If to all direct participants To direct and indirect participants If to the public via the internet In the press
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. I To the CSD regulators To all direct participants To direct and indirect participants To the public via the internet
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. To the CSD regulators To all direct participants To direct and indirect participants To the public via the internet In the press OTHER:
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. If to the CSD regulators If to all direct participants To direct and indirect participants If to the public via the internet In the press
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G160050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G160051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. To the CSD regulators To direct and indirect participants To direct and indirect participants To the public via the internet In the press OTHER: 555 G160052 If so, please list webpage address: PFMI: Q.17.6.4
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G160050 Will the CSD publicly announce any system interruption? PFMI: 0.17.6.4 AGC: 84 Yes [A01] 554 G160051 To whom will the CSD disclose any system interruptions? PFMI: 0.17.6.4 AGC: 84a. V To the CSD regulators To all direct participants To direct and indirect participants To the public via the internet In the press OTHER: 555 G160052 If so, please list webpage address:
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G160050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G160051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. To the CSD regulators To direct and indirect participants To direct and indirect participants To the public via the internet In the press OTHER: 555 G160052 If so, please list webpage address: PFMI: Q.17.6.4
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. ▼ To the CSD regulators ▼ To all direct participants □ To direct and indirect participants □ To the public via the internet □ In the press □ OTHER: 555 G16Q052 If so, please list webpage address: PFMI: Q.17.6.4 AGC: 84b.
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G16Q050 Will the CSD publicly announce any system interruption? PFMI: Q.17.6.4 AGC: 84 Yes [A01] 554 G16Q051 To whom will the CSD disclose any system interruptions? PFMI: Q.17.6.4 AGC: 84a. ▼ To the CSD regulators ▼ To all direct participants □ To direct and indirect participants □ To the public via the internet □ In the press □ OTHER: 555 G16Q052 If so, please list webpage address: PFMI: Q.17.6.4 AGC: 84b.
AGC: 82 Other: Depends on the situation. Electric failure: 1-2 minutes Server farm outage: 50-80 minutes Office (building) outage: 2 hours 553 G160050 Will the CSD publicly announce any system interruption? PFMI: 0.17.6.4 AGC: 84 Yes [A01] 554 G160051 To whom will the CSD disclose any system interruptions? PFMI: 0.17.6.4 AGC: 84a. V To the CSD regulators To direct and indirect participants To direct and indirect participants To direct and indirect participants In the press OTHER: 555 G160052 If so, please list webpage address: PFMI: 0.7.6.4 AGC: 84b. www.keler.hu

558 G16Q055 How will the CSD disclose any system interruptions?
PFMI: Q.17.6.4 AGC: 84e.
☑ By e-mail
Public announcement
Press release
OTHER:Via KELER's proprietary communication system and its website (www.keler.hu)
559 G16Q056
Please explain:
PFMI: Q.17.6.4 AGC: 84f.
Via KELER's proprietary communication system and its website (www.keler.hu)
561 G16Q058 If a back-up system exists, how quickly can the back-up system be activated in the event of the main system failing?
PFMI: Q.17.6.5 AGC: 83
1 - 4 hours [A01]
565 G16Q062 BUSINESS RECOVERY PLAN. This section is intended to identify key aspects of the CSD's Business Recovery Plan (BRP), including testing requirements and past results, expected recovery time periods, and the independent review and validation (if any) of the BRP. Do you have a formal business recovery plan?
PFMI: Q.17.6.8 AGC: 81
Yes [Y]
566 G16Q063 Does your Business Recovery Plan include:
PFMI: Q.17.6.8 AGC: 81a, 81h.
✓ Off-site data storage
✓ Off-site operations facility
OTHER:
567 G16Q064 Please identify both the frequency and the last date of testing for the following third party: CSD participants/members
PFMI: Q.17.6.8 AGC: 81b.
Live BCP test is carried out yearly. Last date: 13 December 2018 live testing of contingency infrastructure.
568 G16Q065
Please identify both the frequency and the last date of testing for the following third party: Stock exchange
PFMI: Q.17.6.8 AGC: 81c.
Live BCP test is carried out yearly. Last date: 13 December 2018 live testing of contingency infrastructure.
569 G16Q066
Please identify both the frequency and the last date of testing for the following third party: Central bank
PFMI: Q.17.6.8 AGC: 81d.
Live BCP test is carried out yearly. Last date: 13 December 2018 live testing of contingency infrastructure.
570 G16Q067 Please identify both the frequency and the last date of testing for the following third party: Local brokers
PFMI: Q.17.6.8 AGC: 81e.
Live BCP test is carried out yearly. Last date: 13 December 2018 live testing of contingency infrastructure.

571 G16Q068 Please identify both the frequency and the last date of testing for the following third party: Any other third party PFMI: Q.17.6.8
AGC: 81f.
Live BCP test is carried out yearly, Last date: 13 December 2018 live testing of contingency infrastructure.
572 G16Q069
In the past three years, has it been necessary to activate the recovery plan in a live situation? PFMI: Q.17.6.8
AGC: 85
Yes [A01]
573 G16Q070 If yes, how much time was needed to implement the recovery plan?
PFMI: Q.17.6.8 AGC: 85a.
Less than 1 hour [A01]
574 G16Q071 How much time was needed to recover and restore business to normal operations?
PFMI: Q.17.6.8 AGC: 85b.
4 - 8 hours [A02]
575 G16Q072
What was the impact to the market?
PFMI: Q.17.6.8 AGC: 85c, 85d.
✓ All cash settlements took place as scheduled on the same day with good value
All securities settlements took place one business day late with good value
All cash settlements took place one business day late with good value
All securities settlements took place one business day late with value one day late
All cash settlements took place one business day late with value one day late
All securities settlements took place more than one business day late
☐ All cash settlements took place more than one business day late
As a result of the system failure, all fines and penalties for late settlements were waived
Even though there was a system failure, all fines and penalties for late settlements were still assessed
□ OTHER:
578 G16Q075 Are procedures and controls (firewalls) in place to avoid systemic collapse or contamination if one of the linked entities should experience business interruptions for whatever reason?
PFMI: Q.17.7.1 AGC: 39
✓ Yes
□ No
☐ Not applicable
579 G16Q076
Please explain
PFMI: Q.17.7.1 AGC: 39a
KELER prepared its formalized Business Continuity Plan (BCP) with consultancy and quality assurance from KPMG Hungary Ltd. With the preparation of the BCP KELER had the following goals: - To ensure the continuity of business operations in case of undesirable events In case of any disruption in normal business operations, to resume operations within the shortest possible time at the lowest possible cost. The cornerstone of our BCP is the in-depth analysis of the potential risk factors ant their possible effects on the operation of the company, based on which the critical business processes and their supporting resources were defined. In order to manage extensive crisis situations, a back-up site was set up in 2004, which serves as an alternative site for operations and an alternative workplace for staff if the operations
can not be continued at the prior site. Data are replicated real-time in the back-up site. Business Continuity Plan (BCP) ensures the expected business continuity in case of incidents, partial stops or crisis. In the event that KELER is unable to provide the service supported by alternative means in accordance with its BCP or in case the Clients' co-operation is required KELER notifies Clients without delay. KELER communicates updates primarily via e-mail to both network management and operations contacts. The latest BCP-Disaster Recovery Plan (DRP) testing of KELER's back-up site workstations and most of its business processes was carried out by KELER on 25 October 2016. The real life disaster recovery test was carried out successfully, clients were using KELER's services without any problems and the test did not substantially influence day-to-day operations. BCP and DRP regulations, and recovery plans are regularly (1 year period) reviewed, tested and updated, as well as audited by external parties (supervisory institutions and auditing organisations).

30/42

584 G16Q081 filecount - Add relevant appendices for this group.
PFMI: n/a AGC: n/a
Yes [A01]0
Access and participation requirements (PFMI Principle 18)
587 G17Q003 Are prospective participants subject to an initial review and approval process regarding compliance with eligibility requirements?
PFMI: Q.18.1.1 AGC: 19
Yes [A01]
591 G17Q007 What governs the relationship between the CSD and the participants?
PFMI: Q.18.2.2 AGC: 20
Relevant law and regulation
Standard participation contract
Established terms and conditions of participation
By-laws of the CSD
Rules of the CSD
Not applicable
OTHER:
592 G17Q008 Please explain:
PFMI: Q.18.2.2 AGC: 20a
N/A
594 G17Q010
PARTICIPANTS AND PARTICIPATION. The purpose of this section is to understand issues relating to participation in the CSD, including eligibility requirements, conditions of participation, and supervision of participants. What types of entities are eligible to become participants and how many of each type are there currently?
PFMI: Q.18.2.3
AGC: 17, 17q
☑ Banks
▼ Brokers
☐ Individuals
Foreign Institutions
Not applicable
OTHER:Others include commodities exchange service provider, investment fund manager, issuer, stock exchange, foreign organization performing clearing house activity, participant of an organized market as provided for in law, organization performing central depository activity, central counterparty, the Hungarian State, the
institution managing the estate of the Hungarian State, The Central Bank of Hungary, National Deposit Insurance Fund, Investor Protection Fund, payment institution, electronic money institution.
595 G17Q011
How many Bank participants are there currently? (then please answer 17b)
PFMI: Q.18.2.3 AGC: 17a.
41
596 G17Q012 Please select the features included in the eligibility requirements for Banks.
PFMI: Q.18.2.3
AGC: 17b, 17d
☑ Financial Thresholds
Regulatory Oversight
☐ Market Experience
OTHER:Financial Thresholds apply to (CCP) clearing members only.

597 G17Q013 Please explain:
PFMI: Q.18.2.3 AGC: 17d.
AGC. 174.
Financial Thresholds apply to (CCP) clearing members only.
598 G17Q014
How many Broker participants are there currently? (then please answer 17f) PFMI: Q.18.2.3
AGC: 17e.
16
599 G17Q015 Please select the features included in the eligibility requirements for Brokers.
PFMI: Q.18.2.3
AGC: 17f, 17h
Financial Thresholds
Regulatory Oversight Market Experience
☐ Market Experience OTHER:Financial Thresholds apply to (CCP) clearing members only.
Per Children and Children and Cappy to (CC) you dring manager only.
04.047047
601 G17Q017 Please select the features included in the eligibility requirements for Individual participants.
PFMI: Q.18.2.3 AGC: 17j.
Financial Thresholds Regulatory Oversight
Market Experience
▼ OTHER:N/A
602 G17Q018
How many Foreign Institution participants are there currently?
PFMI: Q.18.2.3 AGC: 17m.
16
603 G17Q019
Please select the features included in the eligibility requirements for Foreign Institution participants. PFMI: Q.18.2.3
AGC: 17n, 17p.
Financial Thresholds
Market Experience
▼ OTHER:Financial Thresholds apply to (CCP) clearing members only.
604 G17Q020 If you have selected "Other entities" above, please explain:
PFMI: Q.18.2.3
AGC: 17q.
Others include commodities exchange service provider, investment fund manager, issuer, stock exchange, foreign organization performing clearing house activity,
participant of an organized market as provided for in law, organization performing central depository activity, central counterparty, the Hungarian State, the institution managing the estate of the Hungarian State, The Central Bank of Hungary, National Deposit Insurance Fund, Investor Protection Fund, payment institution, electronic
money institution.
605 G17Q021 Indicate how many "Other entities" are currently participants?
PFMI: Q.18.2.3
AGC: 17r.
66

606 G17Q022
Please select the features included in the eligibility requirements for the participants referred to above as "Other entities".

PFMI: Q.18.2.3 AGC: 17s, 17u
Regulatory Oversight
Market Experience
☑ OTHER:Financial Thresholds apply to (CCP) clearing members only.
00.007007
609 G17Q025 Where can a description of the specific eligibility requirements for Bank participants be found?
PFMI: Q.18.2.5
AGC: 17c.
Capital Market Act, KELER General Business Rules, KELER CCP General Business Rules (all of them can be downloaded in the questionnaire)
010.017000
610 G17Q026 Where can a description of the specific eligibility requirements for Broker participants be found?
PFMI: Q.18.2.5
AGC: 17g.
Capital Market Act, KELER General Business Rules, KELER CCP General Business Rules (all of them can be downloaded in the questionnaire)
612 G17Q028 Where can a description of the specific eligibility requirements for Foreign Institution participants be found?
PFMI: Q.18.2.5 AGC: 17o.
Capital Market Act, KELER General Business Rules, KELER CCP General Business Rules (all of them can be downloaded in the questionnaire)
613 G17Q029 Where can a description of the specific eligibility requirements for participants described above as "Other entities" be found?
PFMI: Q.18.2.5 AGC: 17t.
Capital Market Act, KELER General Business Rules, KELER CCP General Business Rules (all of them can be downloaded in the questionnaire)
614 G17Q030 How does the CSD notify participants of material changes to the conditions of participation?
PFMI: Q.18.2.5
AGC: 22
☐ By telephone
☐ Not applicable
THER: Via KELER's proprietary communication system, the official website of the Hungarian authority for announcement purposes (www.kozzetetelek.hu) and
KELER's website (www.keler.hu).
615 G17Q031
Please explain:
PFMI: Q.18.2.5
AGC: 22a.
Value Control of the
Via KELER's proprietary communication system, the official website of the Hungarian authority for announcement purposes (www.kozzetetelek.hu) and KELER's website (www.keler.hu).
617 G17Q033
Who enforces compliance with the CSD's conditions of participation?
PFMI: Q.18.3.1
AGC: 23
▼ The CSD
▼ The exchange
▼ The CSD's regulator
Not applicable

□ OTHER:
618 G17Q034 Please explain:
PFMI: Q.18.3.1 AGC: 23a
N/A
619 G17 O035 Does the CSD have forms of oversight management for assessing and monitoring of the following?
PFMI: Q.18.3.1 AGC: 79
Participant eligibility requirements
Participant financial strength
Other loss or default protections the CSD maintains
Collateral requirements for participants
Debit caps for participants
Settlement controls that minimize or eliminate the risk of default by a participant
Blocking payment until securities are moved
Not applicable
OTHER:
621 G17Q037 Please explain the requirements:
PFMI: Q.18.3.1
AGC: 79b
KELER Ltd., the CSD collects collateral only in case of cash financing transactions to support settlement.
623 G17Q039
What type or types of settlement controls
PFMI: Q.18.3.1 AGC: 79d.
☐ Blocking or freezing of securities positions
Controlling DVP settlement
✓ Simultaneous DVP
☐ OTHER:
626 G17Q042
Please explain:
PFMI: Q.18.3.1 AGC: 79g.
N/A
627 G17Q043 Please identify and explain:
PFMI: Q.18.3.1 AGC: 79h
Multilaterally netted positions (Budapest Stock Exchange spot, BSE MTS and MTS Hungary trades) are settled on a DVP basis in batch processing, other DVP
transactions are executed in real-time environment on a gross basis.
628 G17Q044 Please explain briefly how these work:
PFMI: Q.18.3.1
AGC: 79i
N/A

631 G17Q047 What enforcement actions are available to the enforcement authority?
PFMI: Q.18.3.3 AGC: 24
Suspension of participation
▼ Termination of participation
☐ Not applicable
□ OTHER:
632 G17Q048 Please explain:
PFMI: Q.18.3.3
AGC: 24a
N/A
633 G17Q049 Has there been any such enforcement actions in the last three years?
PFMI: Q.18.3.3 AGC: 25
Yes [Y]
634 G17Q050
If yes, please explain, including information relative to any suspensions of CSD participants: PFMI: Q.18.3.3
AGC: 25a.
Defaults in the CCP system of KELER CCP, or non-compliance with reporting obligations occur every once in a while and result in fines and temporary suspensions.
636 G17Q052
filecount - Add relevant appendices for this group.
PFMI: n/a AGC: n/a
0
Tiered participation (PFMI Principle 19)
647 G18Q011 filecount - Add relevant appendices for this group.
PFMI: n/a
AGC: n/a
0
Links (PFMI Principle 20)
651 G19Q004 Please list all depositories or settlement systems to which you have an electronic link.
PFMI: Q.20.1.2
PFMI: Q.20.1.2 AGC: 38
AGC: 38
AGC: 38 OEKB; KDPW; SIX SIS, European Commodity Clearing AG (for Hungarian Organized Power Market - HUPX and other commodity market settlement) 664 G19Q017
AGC: 38 OEKB; KDPW; SIX SIS, European Commodity Clearing AG (for Hungarian Organized Power Market - HUPX and other commodity market settlement) 664 G19Q017 filecount - Add relevant appendices for this group.
AGC: 38 OEKB; KDPW; SIX SIS, European Commodity Clearing AG (for Hungarian Organized Power Market - HUPX and other commodity market settlement) 664 G19Q017
AGC: 38 OEKB; KDPW; SIX SIS, European Commodity Clearing AG (for Hungarian Organized Power Market - HUPX and other commodity market settlement) 664 G19Q017 filecount - Add relevant appendices for this group. PFMI: n/a
AGC: 38 OEKB; KDPW; SIX SIS, European Commodity Clearing AG (for Hungarian Organized Power Market - HUPX and other commodity market settlement) 664 G19Q017 filecount - Add relevant appendices for this group. PFMI: n/a AGC: n/a

, , ,

673 G20Q009 filecount - Add relevant appendices for this group.

PFMI: n/a
AGC: n/a
0
Communication (PFMI Principle 22)
676 G21Q003 Security Control. How do participants receive information (view actual settlement of trades, movement of securities on their accounts, etc.) and see the status of their accounts?
PFMI: Q.22.1.1 AGC: 69
☑ By receipt of physical account holding statements
□ Not applicable
OTHER:
677 G21Q004 Please explain:
PFMI: Q.22.1.1
AGC: 69a.
N/A
678 G21Q005
Do participants have access to affect their holdings, including confirming and affirming trades, movement of securities on their accounts, etc.? PFMI: Q.22.1.1
AGC: 70
Yes [A01]
679 G21Q006 How is access given to participants?
PFMI: Q.22.1.1
AGC: 70a.
OTHER:Paper-based instructions
202 2042027
680 G21Q007 Please select type of electronic link:
PFMI: Q.22.1.1 AGC: 70b.
☐ Dial-up modem
Secured, leased, dedicated telephone line
☑ Internet
☑ Fax
681 G21Q008
Please explain: PFMI: Q.22.1.1
AGC: 70c.
N/A
682 G21Q009
Does the CSD communicate with other market entities such as stock exchanges, payment systems, clearing houses, etc., by secured linkages?
PFMI: Q.22.1.1 AGC: 72
Yes [A01]
683 G21Q010
Please explain: PFMI: Q.22.1.1
AGC: 72a
Exchange - leased line 2. Payment system - SWIFT 3. MTS-Hungary - SWIFT

684 G21Q011
How does the CSD communicate with Stock Exchanges? PFMI: Q.22.1.1
AGC: 73 73a
□ Dial-up modem
Secured, leased, dedicated telephone line
□ Internet
☐ Fax
☐ Paper
□ other
☐ Not applicable
□ OTHER:
685 G21Q012
How does the CSD communicate with Payment Systems?
PFMI: Q.22.1.1 AGC: 73b
☐ Dial-up modem
Secured, leased, dedicated telephone line
□ Internet
□ Fax
□ Paper
□ other
☐ Not applicable
✓ OTHER:SWIFT ✓ OTHER:SWIFT
686 G21Q013
How does the CSD communicate with Clearing Houses?
PFMI: Q.22.1.1 AGC: 73c
□ Dial-up modem
Secured, leased, dedicated telephone line Internet
☐ Internet ☐ Fax
□ Paper
t other
□ Not applicable
The application of the clearing house for Hungarian capital market trading venues is the subsidiary of KELER. Therefore KELER and KELER CCP has common IT
infrastructure, KELER CCP's systems are communicating directly with KELER's systems.
687 G21Q014
How does the CSD communicate with Registrars?
PFMI: Q.22.1.1 AGC: 73d
☐ Dial-up modem
Secured, leased, dedicated telephone line
□ Internet
☐ Fax
□ Paper
□ other
□ Not applicable
THER:KELER may act as registrar based on the instructions of the issuer; if other player acts as registrar, KELER provides the data prepared for registrars in file
or on paper
692 G21Q019 filecount - Add relevant appendices for this group.
PFMI: n/a
AGC: n/a
0

Transparency and disclosure (PFMI Principle 23) 712 G22Q020 Capital. Are annual financial statements publicly disclosed? PFMI: Q.23.5.3 AGC: 13 Yes [A01] $713 \quad G22Q021 \\ \text{If yes, the AGC requests a copy of the institution's annual report. Is the annual report available electronically?}$ PFMI: Q.23.5.3 AGC: 13a. Yes [Y] 714 G22Q022 filecount - If yes, please upload the document(s) here or insert web link(s) in question 13d: PFMI: Q.23.5.3 AGC: 13b. KELER Annual Report 2016 keler annual report 2016 22.pdf (5879KB) $715\ \ G22Q023$ filecount - If more than one document for 13b, please upload the additional document here: PFMI: Q.23.5.3 AGC: 13c. 0 716 G22Q024 Please insert web link(s) for 13b here: PFMI: Q.23.5.3 AGC: 13d. $\underline{https://english.keler.hu/Key\%20 documents/Financial\%20 Reports/Annual\%20 Reports$ 718 G22Q026 Reserves (then please answer 13g): PFMI: Q.23.5.3 AGC: 13f. 719 G22Q027 Retained Earnings

PFMI: Q.23.5.3 AGC: 13g. N/A

721 G22Q029
AGC members from time to time receive requests from their direct investor-clients for an informational copy of a CSD's completed questionnaire. Such requests typically lead to interactions between personnel at the CSD in question and member personnel or client personnel, or both. Those interactions take time and impose costs on both members and depositories. Do you approve of AGC members delivering a copy of your completed questionnaire to the member's direct client in response to the client's request?

PFMI: Q.23.5.4 AGC: 100

Yes [Y]

722 G22Q030 Are the results of the financial audit publicly available?

Yes [Y]

725 G22Q033

filecount - Add relevant appendices for this group.
PFMI: n/a
AGC: n/a
0
Compliance with SEC Rule 17f-7
726 G23Q001
Rule 17f-7, by reference to Rule 17f-4, requires that, for a CSD to be eligible to hold securities of U.S. registered investment companies (such depositories hereinafter referred to as "Eligible Securities Depositories"), the CSD must be a "system for the central handling of securities where all securities of any particular class or series of any issuer deposited within the system are treated as fungible and may be transferred or pledged by bookkeeping entry without physical delivery of the securities."
Are all securities of a particular class or series of any issuer that are deposited in your institution treated as fungible, and can they be transferred or pledged by bookkeeping entry without physical delivery of the securities?
PFMI: n/a AGC: 1
Yes [Y]
727 G23Q002
Please explain PFMI: n/a
AGC: 1a
N/A
728 G23Q003
Rule 17f-7 also requires that an Eligible Securities CSD "acts as or operates a system for the central handling of securities or equivalent book-entries in the country where it is incorporated," or "acts as or operates a transnational system for the central handling of securities or equivalent book-entries." Does your institution:
PFMI: n/a AGC: 2
Act as or operate a system for the central handling of securities or equivalent book-entries in the country where it is incorporated?
Act as or operate a transnational system for the central handling of securities or equivalent book-entries?
☐ Act in another capacity with respect to the handling of securities or equivalent book-entries?
☐ Not applicable
OTHER:
729 G23Q004 Please explain:
PFMI: n/a
AGC: 2a.
As a participant of the T2S platform it is able to act as or operate a transnational system for the central handling of securities or equivalent book-entries since February 6, 2017.
730 G23Q005 Please specify the types of securities for which you act as or operate a system for the central handling of securities or equivalent book-entries:
PFMI: n/a AGC: 2b.
Primarily publicly issued (dematerialized) securities and all non-publicly issued dematerialised securities.
Rule 17f-7 requires that an Eligible Securities Depository regulated by a foreign financial regulatory authority as defined under section 2(a)(50) of the Act, with section 2(a)(50) establishing that z 'foreign financial regulatory authority' means any (A) foreign securities authority, (B) other governmental body or foreign equivalent of a self-regulatory organization empowered by a foreign government to administer or enforce its laws relating to the regulation of fiduciaries, trusts, commercial lending, insurance, trading in contracts of sale of a commodity for future delivery, or other instruments traded on or subject to the rules of a contract market, board of trade or foreign equivalent, or other financial activities, or (C) membership organization a function of which is to regulate the participation of its members in activities listed above." Who regulates the activities of the CSD?
PFMI: n/a AGC: 8
A governmental body or regulatory organization empowered to administer or enforce laws related to securities matters.
A governmental body or self-regulatory organization empowered to administer or enforce laws related to other financial activities.
A membership organization which regulates the participation of its members in securities matters or other financial activities.
□ OTHER:

732 G23Q007 Please explain:
PFMI: n/a AGC: 8a.
N/A
N/A
700, 0000000
733 G23Q008 Please provide the name of regulatory authority(ies) identified in question 8:
PFMI: n/a AGC: 9
The National Bank of Hungary
734 G23Q009 Rule 17f-7 requires that an Eligible Securities Depository is subject to periodic examination by regulatory authorities or independent accountants. Is the CSD subject to periodic examination by: PFMI: no.
AGC: 10
□ OTHER:
735 G23Q010 Please explain:
PFMI: n/a
AGC: 10a
N/A
736 G23Q011 Name of Authority #1 (please answer 11a):
PFMI: n/a
AGC: 11
The National Bank of Hungary
737 G23Q012
What enforcement actions are available to regulatory authority #1 for breach of applicable statute or regulatory requirements?
PFMI: n/a AGC: 11a.
☑ Fines
Restrictions on CSD activities.
 ✓ Suspension of CSD activities. ✓ Termination of CSD activities.
✓ Termination of CSD activities. □ OTHER:
738 G23Q013
Please explain: PFMI: n/a
AGC: 11b.
N/A
739 G23Q013A Name of Authority #2:
N/A
740 G23Q014 What enforcement actions are available to regulatory authority #2 for breach of applicable statute or regulatory requirements?
PFMI: n/a AGC: 11c.
□ Fines
Restrictions on CSD activities.
Suspension of CSD activities.

☐ Termination of CSD activities. ☑ OTHER:N/A
741 G23Q015 Please explain:
PFMI: n/a AGC: 11d.
N/A
742 G23Q016
Has there been any use of such enforcement actions in the last three years? PFMI: n/a AGC: 12
☐ Yes
₩ No
OTHER:
744 G23Q018 Has the regulatory body with oversight responsibility for the CSD issued public notice that the CSD is not in current compliance with any capital, solvency, insurance or similar financial strength requirements imposed by such regulatory body?
PFMI: n/a AGC: 90
No [A02]
746 G23Q020
In the case of such a notice having been issued, has such notice been withdrawn, or, has the remedy of such noncompliance been publicly announced by the CSD? PFMI: n/a
AGC: 90b.
Other: N/A
749 G23Q023 Rule 17f-7 requires that an Eligible Securities Depository holds assets for the custodian that participates in the system on behalf of the Fund under safekeeping conditions no less favorable that the conditions that apply to other participants. Please confirm that assets of foreign investors held by custodians as participants in the CSD are held under safekeeping conditions no less favorable than the conditions that apply to other participants. PFMI: n/a
AGC: 21
Yes [A1]
751 G23Q025 Please confirm the basis for the arrangements you have in place to ensure that the assets you hold for custodians receive the same level of safekeeping protection as the assets held for other categories of participants.
PFMI: n/a AGC: 21b, 21c.
Relevant Law and Regulation
Standard participation contract
☐ Established terms and conditions of participation ☐ By-laws of the CSD
Rules of the CSD
□ OTHER:
752 G23Q027 For each item in Question 21b that you checked, please briefly supply references or citations to the law(s), regulation(s), or CSD rule(s), participation condition(s), or participant contract provision (s), as applicable.
PFMI: n/a AGC: 21d
Section 350/B(4) of Act CXX of 2001 on Capital Market declares: "The standard service agreements and other internal regulations of the central depository must ensure compliance with the principle of equal treatment." Note: the indicated provision is not in effect anymore and the concerning provision of the new legislation (CSD regulation) is not in effect yet, but meanwhile KELER is obliged to observe the above rule.
752 (22002)
753 G23Q028 Rule 17f-7 requires that an Eligible Securities Depository provides periodic reports to its participants with respect to its safekeeping of assets, including notices of transfers to or from any participant's account. Does the CSD make available periodic safekeeping reports to participants, including notices of transfers to or from the participant's account?
PFMI: n/a AGC: 46

Yes [A01]
755 G23Q030
If yes, please indicate the scheduled frenquency:
PFMI: n/a AGC: 46b, 46c.
☐ Daily
☐ Weekly
☐ Monthly
☐ Quarterly
☐ Annually
☐ Upon request
OTHER:Based on the type of transaction/report, automatically in real-time, upon request in real-time and at the end of the day.
756 G23Q031 filecount - Add relevant appendices for this group.
PFMI: n/a
AGC: n/a
0
Relevant RSSS recommendations
762 G24Q006 filecount - Add relevant appendices for this group.
PFMI: n/a
AGC: n/a
0
Appendices
763 G25Q001 filecount - Add relevant appendices
PFMI: n/a AGC: n/a
0
764 G25Q002 I am submitting up-to-date information in response to:
ACC quantities [A4]