

#Value!

Entity Name Belgium National Bank of Belgium

70. Do participants have access to affect their holdings, including confirming and affirming trades, movement of securities on their accounts, etc.?

- Yes (please answer 70a)
- No
- Other (please answer 70d)
- Not applicable

70a. How is access given to participants? (Choose all that apply.)

- By direct electronic link (please answer 70b)
- Other (please answer 70c)

70c. Please explain:

By means of SWIFT messages, secured mail and a web secured application (using tokens and VPN).

71. Regarding data security:

71a. Are passwords used by participants to access their accounts?

- Yes
- No
- Not applicable
- Other (please answer 71b)

71c. Does each user have a unique user ID?

- Yes
- No
- Not applicable
- Other (please answer 71d)

71e. Are passwords regularly changed?

- Yes (please answer 71f)
- No
- Not applicable
- Other (please answer 71g)

71f. How often?

Up to the participant of the NBB-SSS.

71h. Is there a user lock-out after a pre-set number of unsuccessful User ID attempts?

- Yes (please answer 71i)
- No
- Not applicable
- Other (please answer 71j)

71i. How many? 5

72. Does the depository communicate with other market entities such as stock exchanges, payment systems, clearing houses, etc., by secured linkages?

- Yes (please answer 72a)
- No (please proceed to 74)
- Not applicable (please proceed to 74)
- Other (please answer 72a)

72a. Please explain:

SWIFT messages with T2S, Monte Titoli, Euroclear Bank, Clearstream Banking Luxembourg, Clearstream Banking Frankfurt, Euronext Brussels (LCH.Clearnet), EuroMTS, MTSBelgium, BrokerTec.

73. How does the depository communicate with other market entities?**73a. Stock Exchanges (Choose all that apply.)**

- Dial-up modem
- Secured, leased, dedicated telephone line
- Internet
- Fax
- Paper/other
- Not applicable

73b. Payment Systems (Choose all that apply.)

- Dial-up modem
- Secured, leased, dedicated telephone line
- Internet
- Fax
- Paper/other
- Not applicable

73c. Clearing Houses (Choose all that apply.)

- Dial-up modem
- Secured, leased, dedicated telephone line
- Internet
- Fax
- Paper/other
- Not applicable

73d. Registrars (Choose all that apply.)

- Dial-up modem
- Secured, leased, dedicated telephone line
- Internet
- Fax
- Paper/other
- Not applicable

74. How is access to the physical building controlled? (Choose all that apply.)

- By guards
- By electronic keys/personal ID card
- By alarm system
- Other (please answer 74a)

75. What are the vault security procedures for the safekeeping of physical paper? (Choose all that apply.)

- Not applicable no vault is maintained
- Electronic keys/combinations
- Dual access control
- Visitor logs
- Vault counts (please answer 75a)
- Intrusion alarms
- Fire alarms
- Guards
- Other (please answer 75b)

Participant Default Protections Resulting from a Participant Failure**76. If a participant defaults, how is the loss covered? (Choose all that apply?)**

- Depository insurance covers the loss (please answer 76a)
- The depository guaranty fund covers the loss

- Loss is shared among participants (please answer 76b)
- Other (please answer 76d)
- Not applicable

77. During the past three years, has there been a situation where a participant defaulted which resulted in a significant loss?

- Yes (please answer 77a)
- No
- Not applicable
- Other (please answer 77a)

78. Does the depository have a guaranty fund independent of stock exchange or other market guarantees?

- Yes (please answer 78a)
- No (please proceed to 79)
- Not applicable (please proceed to 79)
- Other (please answer 78l)

78d. How is the fund financed? (Choose one.)

- Contributions from owner (please answer 78e)
- Contributions from participants (please answer 78f)
- Funding from retained earnings
- Other (please answer 78g)

78h. Who is covered by the fund? (Choose all that apply.)

- Direct depository participants only
- The beneficial owner also
- Other (please answer 78i)

78j. When is the guaranty fund used? (Choose all that apply.)

- When a broker defaults
- When a direct participant defaults
- Other (please answer 78k)

79. Does the depository have forms of oversight management for assessing and monitoring of the following? (Choose all that apply.)

- Participant eligibility requirements
- Participant volumes
- Participant financial strength
- Other loss or default protections the depository maintains (please answer 79a)
- Collateral requirements for participants (please answer 79b)
- Debit caps for participants (please answer 79c)
- Settlement controls that minimize or eliminate the risk of default by a participant (please answer 79d)
- Blocking of securities movement before receipt of payment
- Blocking payment until securities are moved
- Other forms of risk management used for assessing and monitoring participant exposures (please answer 79i)
- Not applicable

80. Does the stock exchange have default protections that extend to the depository, such as the following? (Choose all that apply.)

- Margin requirements for stock exchange members
- Guaranty fund for stock exchange members
- Financial requirements for stock exchange membership
- Other (please answer 80a)
- No
- Not applicable

BUSINESS RECOVERY PLAN

This section is intended to identify key aspects of the depository'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.

81. Do you have a formal business recovery plan? Yes (please answer 81a) No Other (please 81g)**81a. Does your Business Recovery Plan include: (Choose all that apply.)** Back-up of all computer files Off-site data storage Back-up files stored and locked Off-site operations facility Other (please answer 81h)**81b. Please identify both the frequency and the last date of testing for the following third party:****Depository participants/members**

A test of the business continuity plan of the NBB-SSS is executed at least twice a year in the production environment and is transparent to the participants. The last test took place on the 4th October 2016.

However, we do not know if the third party tests specific business recovery plans on his side.

81c. Please identify both the frequency and the last date of testing for the following third party:**Stock exchange**

A test of the business continuity plan of the NBB-SSS is executed at least twice a year in the production environment and is transparent to the participants. The last test took place on the 4th October 2016.

However, we do not know if the third party tests specific business recovery plans on his side.

81d. Please identify both the frequency and the last date of testing for the following third party:**Central bank**

A test of the business continuity plan of the NBB-SSS is executed at least twice a year in the production environment and is transparent to the participants. The last test took place on the 4th October 2016.

However, we do not know if the third party tests specific business recovery plans on his side.

81e. Please identify both the frequency and the last date of testing for the following third party:**Local brokers**

A test of the business continuity plan of the NBB-SSS is executed at least twice a year in the production environment and is transparent to the participants. The last test took place on the 4th October 2016.

However, we do not know if the third party tests specific business recovery plans on his side.

81f. Please identify both the frequency and the last date of testing for the following third party:**Any other third party**

A test of the business continuity plan of the NBB-SSS is executed at least twice a year in the production environment and is transparent to the participants. The last test took place on the 4th October 2016.

However, we do not know if the third party tests specific business recovery plans on his side.

82. How quickly can the main system be reactivated in the event of an outage? (Choose one.) 1 - 4 hours 4 - 8 hours 8 - 24 hours Longer than 24 hours Not applicable Other (please answer 82a)**83. If a back-up system exists, how quickly can the back-up system be activated in the event of the main system failing? (Choose one.)** 1 - 4 hours 4 - 8 hours 8 - 24 hours Longer than 24 hours Not applicable

Other (please answer 83a)

84. Will the depository publicly announce any system interruption?

- Yes (please answer 84a)
 No (please proceed to 85)
 Not applicable
 Other (please answer 84g)

84a. To whom will the depository disclose any system interruptions? (Choose all that apply.)

- To the depository regulators
 To all direct participants
 To direct and indirect participants
 To the public via the internet (please answer 84b)
 In the press (please answer 84c)
 Other (please answer 84d)

84e. How will the depository disclose any system interruptions? (Choose all that apply.)

- By e-mail
 By telephone
 Public announcement
 Press release
 Other (please answer 84f)

85. In the past three years, has it been necessary to activate the recovery plan in a live situation?

- Yes (please answer 85a)
 No
 Not applicable
 Other (please answer 85e)

PERFORMANCE, INSURANCE, AND LOSS

This section is intended to identify the level of insurance maintained by the depository, and the extent to which coverage would extend to financial loss incurred by participants and their clients, including but not limited to losses resulting from operating performance, security breaches, and employee negligence or misconduct.

86. Has there been any material loss by the depository during the past three years?

- Yes (please answer 86a)
 No
 Other (please answer 86b)
 Not applicable

87. Has the depository been subject to any litigation involving a participant during the past three years?

- Yes (please answer 87a)
 No
 Other (please answer 87b)
 Not applicable

88. Has the depository realized revenues sufficient to cover expenses during the past three years? (Choose one.)

- Yes for all three years
 Yes for two of the last three years
 Yes for one of the last three years
 None of the last three years
 Not applicable
 Other (please answer 88a)

89. Does the depository maintain a reserve for operating losses?

- Yes (please answer 89a)
 No
 Not applicable
 Other (please answer 89b)

89a. Please describe and indicate reserve amount:

The bank, being the central bank, has general purpose reserves.

90. Has the regulatory body with oversight responsibility for the depository issued public notice that the depository is not in current compliance with any capital, solvency, insurance or similar financial strength requirements imposed by such regulatory body?

- Yes (please answer 90a)
- No
- Not applicable
- Other (please answer 90f)

90b. 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 depository?

- Yes (please answer 90c)
- No (please answer 90d)
- Other (please answer 90e)

91. Does the depository have insurance to cover losses in the event of Default on settlement commitments by the depository or a participant?

- Yes (please answer 91a)
- No
- Not applicable
- Other (please answer 91c)

91b. What is the amount of the deductible?

92. Does the depository 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)?

- Yes (please answer 92a)
- No
- Not applicable
- Other (please answer 92c)

92b. What is the amount of the deductible?

93. Does the depository have insurance for Operational Errors?

- Yes (please answer 93a)
- No
- Not applicable
- Other (please answer 93c)

93b. What is the amount of the deductible?

-

94. Does the depository have Errors and Omissions insurance?

- Yes (please answer 94a)
- No
- Not applicable

Other (please answer 94c)

94b. What is the amount of the deductible?

95. Does the depository have insurance for the Premises?

Yes (please answer 95a)

No

Not applicable

Other (please answer 95c)

95a. What is the amount of the coverage?

Not disclosed.

95b. What is the amount of the deductible?

Not disclosed.

96. Does the depository have any other insurance?

Yes (please answer 96a)

No

Not applicable

Other (please answer 96d)

96b. What is the amount of the coverage?

96c. What is the amount of the deductible?

97. 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.

Not disclosed.

97a. Who is the insurance carrier's parent company, if applicable? (If inapplicable, simply type n/a.)

Not disclosed.

97b. What is the term of the policy?

Not disclosed.

97c. Who does the insurance cover? (Choose all that apply.)

- Depository
- Direct depository participants
- Final investors
- Other (please answer 97d)
- Not applicable

98. If you feel that you would like to provide additional details on any of the given answers, feel free to provide any additional comments here (maximum of 5,000 characters) or prepare an additional document identifying the question(s) you are commenting on and upload the document under 98a:

See also NBB's responses to the CPMI-IOSCO Disclosure Framework (available on <https://www.nbb.be/en/payment-systems/securities-settlement-system-nbb-sss>).

98a. Upload document here:

PUBLIC AVAILABILITY

99. The AGC encourages respondents/depositories to make their answers to this questionnaire publicly available. Will you be making your response publicly available? (For additional guidance, please review the help feature to this question.)

- Yes (please answer 99a)
- No

99a. If yes, how will you be making it publicly available: (Choose all that apply.)

- Web site (please answer 99b)
- By individual request with depository (please answer 99c)
- Other (please answer 99i)

99b. Please provide web site address of publicly available questionnaire:

<https://www.nbb.be/en/payment-systems/securities-settlement-system-nbb-sss>

99d. How would they prefer to be contacted? (Choose all that apply.)

- Telephone (please answer 99e)
- Facsimile (please answer 99f)
- By mail/air courier (please answer 99g)
- By e-mail (please answer 99h)

100. Association members from time to time receive requests from their direct investor-clients for an informational copy of a depository's completed questionnaire. Such requests typically lead to interactions between personnel at the depository 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 Association members delivering a copy of your completed questionnaire to the member's direct client in response to the client's request?

- Yes
- No

Please provide any comments you have regarding the questionnaire.

It would be really useful to have an easy way to print the full questionnaire with all the questions in order to have all the possible choices.

Being able to save the part 2 without having to directly submit it would also be useful.

You have reached the end of the questionnaire. Please be sure your contact details are updated. Your contact information is located in the first section of Part One of the questionnaire.

When saving Part 3 of the Survey please indicate the status as either In Progress or Survey Complete.

Survey Status: Survey Complete