

# INVESTMENT MANAGEMENT GUIDELINE

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#### **Preamble**

The Autorité des marchés financiers ("(the "AMF") establishes guidelines setting out its expectations with respect to financial institutions' legal requirement to follow sound and prudent management practices. These guidelines therefore cover the execution, interpretation and application of this requirement.

The AMF favours a principles-based approach rather than a specific rules-based approach. As such, the guidelines provide financial institutions with the necessary latitude to determine the requisite strategies, policies and procedures for <a href="the-implementation">the-implementation</a> of such management principles and to apply sound practices based on the nature, size and complexity of their activities.

#### **AMF Note**

The AMF considers governance, integrated risk management and compliance (GRC) as the foundation stones for sound and prudent management of financial institutions and, consequently, as the basis for the prudential framework provided by the AMF.

This guideline isforms part of this that approach and sets out the AMF's expectations regarding sound and prudent investment management practices.

#### Introduction

Investments represent an important part of a financial institution's assets and a considerable source of its income. However, they can also cause significant losses that can threaten an institution's financial soundness and even give rise to major liquidity problems. Moreover, various factors, including the lack of transparency of certain loan arrangements and uncertainty about the quality of information used for valuations, can also make it more difficult to measure investment risks.

In order to protect consumers of financial products and services, it is therefore essential that financial institutions apply sound and prudent investment management practices.

This guideline sets out the expectations of the AMF regarding investment management performed by financial institutions. Under the various sector-based laws it administers, the AMF has the authority to establish guidelines regarding sound and prudent management practices for financial institutions.

The AMF's expectations are based on core principles and guidance issued by international organizations, including the Basel Committee on Banking Supervision and the

<sup>&</sup>lt;sup>4</sup> An Act respecting insurance, R.S.Q., c. A-32, ss. 325.0.1 and 325.0.2;

An Act respecting financial services cooperatives, R.S.Q., c. C-67.3, s. 565;

An Act respecting trust companies and savings companies, R.S.Q., c. S-29.01, s. 314.1.

International Association of Insurance Supervisors.<sup>2</sup>=They also draw on the lessons learned from past experience involving the financial markets.

Autorité des marchés financiers

Basel Committee on Banking Supervision. Supervisory Guidance for Assessing Banks' Financial Instrument Fair Value Practices, April 2009., International Association of Insurance Supervisors. Guidance Paper onICP 15 Investment Risk Management, October 2004. International Association of Insurance Supervisors. Insurance Core Principles and Methodology, October 20032011.

# Scope

This *Investment Management Guideline* is intended for insurers of persons (life and health), damage (P&C) insurers, portfolio managementholding companies controlled by an insurer, mutual insurance associations, any federation of mutual insurance associations with respect to its investment fund, financial services cooperatives as well as trust companies, and savings companies governed by the following Acts: statutes:

- An-Act respecting insurance, R.S.Q., CQLR, c. A-32
- An Act respecting financial services cooperatives, R.S.Q., CQLR, c. C-67.3
- An-Act respecting trust companies and savings companies, R.S.Q., CQLR, c. S-29.01-

This guideline applies to financial institutions operating independently as well as to and financial institutions operating as partthat are members of a financial group. As regards financial services cooperatives and mutual insurance associations that are members of a federation, the standards or policies adopted by the federation should be consistent with—and even converge on—the principles of sound and prudent management prescribed by law and detailed in this guideline.

The generic terms "financial institution" and "institution" refer to all financial entities covered by the scope of this guideline.

For the purposes of this guideline, "financial group" refers to any group of legal persons composed of a parent company (financial institution or holding company) and legal persons affiliated therewith with it.

<sup>4</sup> Mutual insurance associations are damage insurers covered by the scope of this guideline.

#### **Effective date and updates**

# <u>The Coming into Investment Management Guideline has been in effect and updating</u>

This investment management guideline will come into effect as of since August 1st 1, 2010.

With respect to the legal requirement of imposed on institutions to follow sound and prudent management practices, the AMF expects each institution to develophave adopted the principles set out in this guideline in developing strategies, policies and procedures based on its commensurate with the institution's nature, size, complexity and risk profile, and to ensure the adoption of the principles underlying this guideline by have implemented them since August 1st 1, 2012.

To reflect the evolution of the principles of sound and prudent management emanating from international bodies and following the revocation of the *Derivatives Risk Management Guideline*, to be consistent with the *Governance Guideline* and the *Integrated Risk Management Guideline*, the *Investment Management Guideline* is revised effective March 31, 2019.

A one-year transition period has been set to enable financial institutions to comply with the new requirements. The AMF therefore expects financial institutions to have made the necessary changes by March 31, 2020. Where an institution has already implemented such a framework, the AMF may verify whether it enables the institution to satisfythe framework complies with the requirements prescribed by law.

<u>As mentioned in the original version of this guideline will be updated based on</u>, developments in investment management and in light of the AMF's observations in the course of its supervisory work could lead to other changes to this guideline.

#### **Introduction**

supervision Investments can account for a large percentage of a financial institution's assets and a considerable source of its income. However, they can also result in significant losses potentially affecting an institution's financial soundness and even in major liquidity problems. Moreover, various factors, including the opacity of certain loan arrangements and uncertainty about the quality of information used for valuations, can also make it more difficult to measure investment risks. In order to protect consumers of financial products and users of financial services, it is therefore essential for financial institutions to follow sound and prudent investment management practices.

This guideline sets out the AMF's expectations regarding investment management performed by financial institutions. The AMF is empowered by the various sector-based statutes it administers<sup>5</sup> to give financial institutions guidelines that may pertain to any sound and prudent management practices.

The AMF's expectations are based on core principles and guidance issued by international organizations, including the Basel Committee on Banking Supervision and the International Association of Insurance Supervisors. financial institutions. They also draw on lessons learned from past experience with the financial markets.

<sup>&</sup>lt;sup>5</sup> Act respecting insurance, CQLR, c. A-32, ss. 325.0.1 and 325.0.2;

Act respecting financial services cooperatives, CQLR, c. C-67.3, s. 565;

Act respecting trust companies and savings companies, CQLR, c. S-29.01, s. 314.1.

Basel Committee on Banking Supervision. Supervisory Guidance for Assessing Banks' Financial Instrument Fair Value Practices, April 2009., International Association of Insurance Supervisors.

<u>Guidance Paper onICP 15 Investment Risk Management</u>, October 2004. International Association of Insurance Supervisors. Insurance Core Principles and Methodology, October 20032011.

# 1. Sound and prudent investment management

Sound and prudent investment management requires an effective and efficient framework. As such, a financial institution should adopt practices that include clearly defining the roles and responsibilities of board members and senior management as well as developing a strategy backed by a policy and procedures.

As part of a dynamic and evolving management approach, an institution should implement mechanisms that allowenabling it to proactively and prospectively monitor and control its investments, individually and as a whole, in a proactive and forward-looking manner. It should also have appropriate internal control over its on both individual investment activities and aggregate portfolio basis.

This guideline sets out six principles for achieving sound and prudent investment management. In light of this approach, the proposed principles do not impose quantitative requirements with respect to investment ratios or limits in addition to any requirements that might be stipulated under respective legislation.<sup>7</sup>

For the purposes of this guideline, a financial institution's investments generally refer to deposits, securities and derivatives. They may also be referred to as instruments, debt securities or financial instruments.<sup>8</sup>

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Under the sector-based laws applicable to financial institutions, investments may be made in other ways, including by way of hypothecary loans, claims secured by hypothec or income-producing properties.

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# 2. General framework for investment management

2.1 Principle 1: Roles and responsibilities of assigned to the board of directors and senior management

The AMF expects an investment management framework to be supported by effective and efficient governance.

#### Roles and responsibilities of the board of directors<sup>9</sup>

In addition to the roles and responsibilities described in the *Governance Guideline* and the *Integrated Risk Management Guideline*, the roles and responsibilities of the board of directors with regard to a financial institution's investment management should principallyprimarily be as follows:

- participate actively in examining review and approving anyapprove the investment strategy, and ensure that it is implemented;
- <u>examinereview</u> and approve the investment policy, while ensuring that senior management reviews the policy periodically and when required as needed;
- ensure that the investment management is handled investments are managed by competent and experienced persons of integrity who are entitled to compensation based on appropriate prudent performance measures;
- examine the reports on the quality and performance of the investment portfolio. As well, the board members should have compensated in a clear understanding of the investments in which the institution seeks to invest, including their characteristics and related risks.

way that avoids potential incentives for excessive

The examination could consider the following aspects, among others:

- changes in the investments and their performance in light of market trends and the institution's risk profile-taking;
  - major investment positions taken as well as the depreciation and write-off of investments:
  - investments issued or guaranteed in connection with transactions between affiliated legal persons or associates 10 as they could constitute a source of conflict of interests:

<sup>&</sup>lt;sup>9</sup> A reference References to the board of directors can also may include a board committee, such as a board committee established, for example, to examine specific issues.

<sup>&</sup>lt;sup>40</sup>— An Act respecting insurance, R.S.Q., c. A-32, ss. 1.3, 1.6 and 285.17; An Act respecting financial services cooperatives, R.S.Q., c. C-67.3, ss. 115 and 121; An Act respecting trust companies and savings companies, R.S.Q., c. S-29.01, ss. 9, 120 and 135.

- follow-up on anyapprove the risk-return profiles;
- monitor any irregular or problematic activity, transaction or situation that is irregular or problematic;
- ensure that internal control mechanisms are in place;
- specify the content and frequency of investment management reports to be submitted to the board.

#### Roles and responsibilities of senior management

Other than the roles and responsibilities described in the *Governance Guideline* and the *Integrated Risk Management Guideline*, the roles and responsibilities of senior management with regard to a financial institution's investment management should principallyprimarily be as follows:

- develop and implement the investment strategy;
- develop the institution's investment policy, recommend its approval by it to the board of directors and see to it that it is appliedensure its application;
- implement oversee the implementation of procedures with respect relating to the various investment activities;—, particularly for compliance with authorizations, restrictions, prohibitions and limits;
- periodically analyze and assess the quality and performance of individual risk-return trade-off for investments as well as the overallon an individual investment and aggregate portfolio, basis and report to the board on a regular basis regularly and uponat the board's request;
- establish internal control mechanisms so as to ensure that the institution has independent valuation data, particularly when over-the-counter derivatives are used; in the absence of such capability, the institution should use the services of a specialized dealer;
- ensure that investments complythey are provided with the relevant information regarding the nature of the institution's policy and procedures involvement in derivatives activities and the related risks;
- ensure the sufficiency and adequacy of the institution's capital position considering the institution's exposure to the risks associated with legal and regulatory requirements. derivatives.

#### 2.2 Principle 2: Strategy, policy and procedures

The AMF expects financial institutions to have an investment strategy and to implement a policy and procedures to execute the strategy at the operational level.

#### Strategy

The financial institution's investment strategy should be supported by operational objectives, plans, an organizational structure and appropriate control measures.

In general, the investment strategy should allow the institution to:

- elaborateestablish a policy and implement the procedures necessary for the institution to achieve sound investment management;
- aim for a risk-return balance based, in particular, on its business lines and its risk appetite.

To this end, the institution should regularly determine and revise its investment risk tolerance levels based on the objectives it has set for itself.

When developing its investment strategy, the institution should take the following into consideration:

- the scope of investment risks, including market risk, credit risk, liquidity risk and operational risk:
- its capital and solvency requirements.

The investment strategy should be reviewed regularly and as needed, particularly in light of changes in the capital markets, the development of new financial products and the institution's commitments to its clients.

#### **Policy**

An institution's investment policy<sup>11</sup> should establish the principal parameters within which the institution should manage its investment activities. The policy should be sufficiently supported to ensure effective management, particularly in respect of situations where the risk is considered to be high.

In light of Consistent with the investment strategy developed by the institution, its investment policy should generally address the following elements:

- types and characteristics of its investments;
- expected returns and the purpose of its investments, such as liquidity, matching, pledging of collateral, hedging and trading;
- investment concentration limits:
- investment decision criteria, standards and other parameters. If necessary, an institution could establish:

An-Act respecting insurance, R.S.Q., CQLR, c. A-32, s. 248; An-Act respecting financial services cooperatives, R.S.Q., CQLR. c. C-67.3, s. 483; An Act respecting trust companies and savings companies, R.S.Q., CQLR, c. S-29.01, s. 217.

- investment authorization levels within its organizational structure and theany conditions related thereto;
- restrictions on or prohibitions on the acquisition of from acquiring certain investments deemed to involve greater risksrisk or issued or guaranteed in connection with transactions between affiliated legal persons or associates;
- choice of securities dealers, advisers and representatives as well as their remuneration methods...;
  - Remuneration incentives should not conflict with the achievement of the institution's objectives.
- processes relating to intra-group management of investment activities;
- procedures for analyzing and evaluating investments when deciding to make an investment and when carrying out a transaction;
- monitoring and control of investments.

#### **Procedures**

Investment management procedures should allow an institution to <u>adequately</u> govern its investment activities—<u>properly</u>, particularly <u>with respect to acquisitions when investments are acquired</u> or <u>disposalsdisposed of</u>. Investment decisions should be based on analyses and valuations that take into account, in particular, the institution's investment risk tolerance levels and expected returns. They should also be supported by full documentation.

#### **Risks**

Before making an investment, a financial institution should know the source, scope and types of risks associated with an investment activity. Accordingly, adequate procedures should be implemented so as to manage investment risks, while giving consideration to the interrelationships and interdependencies between the risks to which the institution is exposed. Adequate methods should also be used to measure the institution's risk exposure and establish techniques for mitigating risks.

The institution should consider various internal and external factors that are likely to affect these risks—its risk tolerance levels, of course—but also its objectives, the general economic climate, interest rates, and legal and regulatory requirements.

Furthermore, reporting mechanisms should be established so that the risks encountered are clearly communicated, known and understood by all parties within the institution who are involved in its investment activities.

#### **Analysis and valuation**

An institution should determine the value of its investments in an objective manner and ensure that the information used to do so is reliable. Thus, it should use valuation models, as necessary, establish a comparative basis for determining values and, where applicable, avoid basing its decisions solely on ratings as the sole factor in valuing its investments.

Investment analysis tools should be established based, in particular, on the following elements:

- nature, characteristics and liquidity of the investments;
- degree of exposure to various risks for each type of investment and for the entire investment portfolio as a whole, particularly in light of concentration limits.

The institution should remain prudent with respect to any analysis conducted by rating agencies. Ideally, it should obtain ratings from at least two agencies. As well, it should ensure that the ratings are reliable, particularly where market conditions are unfavourable.

### 2.3 **Principle 3:** Intra-group management

The AMF expects financial institutions to manage investments in accordance with the framework established for their group.

Investment concentration risk and the potential effect of contagion are the principal elements justifying a comprehensive and coherent investment management approach at the group level.

Accordingly, investment procedures should, if applicable, be set up for the institution and the entities in the group, including a security fund created at the request of a federation for the member credit unions, or a guarantee fund of which a federation and its mutual insurance associations are members. These procedures should cover certain situations that could entail greater risks for one or more entities in the group, or for the group as a whole. For example:

- when a financial institution and one or more of the entities in the group act both as investor and lender with respect to the same person outside the group;
- in a situation of conflict of interests where investments are made by an institution (or by one of the entities in the group) in a company related to an officer or a member of senior management or of the board of directors of another institution (or another entity) forming part of the group.

Moreover, where a financial institution outsources its investment management to a specialized entity within the group or to an outside service provider, the AMF believes the institution continues to be responsible for ensuring that the risks related to its investments are managed in a sound and prudent manner. The *Outsourcing Risk Management Guideline*<sup>12</sup> sets out the AMF's expectations in this regard in greater detail.

<sup>&</sup>lt;sup>12</sup> Autorité des marchés financiers. Outsourcing Risk Management Guideline, April 2009 December 2010.

# 3. Monitoring and control of investments

#### 3.1 Principle 4: Investment portfolio practices

The AMF expects financial institutions to monitor and control their investment portfolio effectively and efficiently.

The financial institution should establish management practices to properly monitor and control its investments on both individually individual investment and on aggregate portfolio basis.

The institution should therefore have a clear understanding of its investments and properly monitor changes therein involving the quality and performance of the portfolio. It should also ensure that its investment portfolio is sufficiently diversified and that, the concentration limits are respected adhered to, and key risks are taken into consideration—in particular, market risk, credit risk and liquidity risk.

#### **Quality and performance**

Uncertainties resulting from major market fluctuations, from classes of investments becoming illiquid or from concerns about the reliability of information are some of the factors that may give rise to key questions regarding the quality of an institution's investments.

The institution should analyze and assess its portfolio on a regular basis and as needed to ensure the quality and performance of its investments. Consequently, it should ensure that the investments and the positions taken with respect thereto meet its objectives and are in line with its investment risk tolerance levels. As well, the institution should be able to draw on reliable and efficient information systems for such purpose.

When necessary and if certain unfavourable factors arise, such as a change in an issuer's rating, a significant variation in the trading volume of an investment, financial market turmoil or the loss of investment liquidity, the institution should carry out analyses, revalue certain investments and estimate their impact on the institution's profitability.

The selection of investments should be adjusted and thorough monitoring should be conducted as necessary, particularly when material discrepancies arise with respect to are observed between actual versus and expected returns or there is a significant change takes place regarding in the degree of risk incurred for one or more investments. Furthermore when necessary, large investments should be valued by an independent expert when necessary, particularly with respect to illiquid assets.

#### Diversification, concentration limits and other risks

Diversification of an investment portfolio seeks primarily to mitigate investment risks. Concentration limits should therefore be set in light of and cover all the institution's capital requirements and should cover all its exposures, in particular in respect of to primarily issuers and counterparties. These limits could be expressed in relation to the following parameters, among others:

- types of investments and their attributes (including risk/returns, maturities, whether
  they are mortgage backed or secured by claims, rank in the event of winding-up,
  dividend policy, conversion feature).
  - For example, more restrictive limits could be placed on some types of complex investments such as certain derivatives;
- liquidity and negotiability of the securities;
- geographic zones and industry sectors, particularly as regards foreign securities;
- counterparties, such as public issuers, private issuers, affiliated legal persons and associates of a director and the institution:
- foreign currencies.

In addition, measures, including hedging, An institution should be taken promptlyable to offset certain measure its market risk exposure across its entire portfolio diversification gaps within and across risk factors (notably interest rates, equites and currencies).

Investment activities involving credit risk in which a financial institution is prepared to engage should be identified in its investment policy. The type of credit activity, type of collateral or real estate, and types of borrowers on which the established financial institution may focus should also be specified in its investment policy.

Particular attention should be given to embedded transactions of credit risk, such as credit derivatives, whose value depends on exogenous factors. Financial institutions that engage in the use of instruments such as derivatives should take into consideration that counterparty exposures could change depending on the mark-to-market value of the underlying financial instrument. Effective measures of potential future exposure are therefore essential for the establishment of meaningful limits, particularly for matching purposes. In addition, credit risk of investment activities should be co-ordinated with credit risk of other activities of the financial institution.

Principle 5: As for liquidity risk management, a financial institution should structure its assets in such a way that it has enough cash and marketable securities to cover its obligations.

#### 3.2 Scenario analysis and stress testing

The AMF expects financial institutions to routinely carry out scenario analysis and stress testing so as to identify vulnerabilities and assess their impact.

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Economic conditions and market volatility can influence the value of a financial institution's investments at any time.

As part of a dynamic and evolving management approach, an institution should consider various assumptions, design scenarios and carry out stress testing in order to assess the

impact of adverse market conditions on its investments, while taking into consideration the risks tied to investments such as interest rate risk, liquidity risk, foreign exchange risk, credit risk and counterparty risk.

Scenario analysis and stress testing should be discussed among the board of directors, senior management and staff assigned to managing the institution's investments. They should also be supported by appropriate documentation.

Once it has identified any vulnerabilities that could have an impact on the financial institution, actions could be considered with respect to investment management such as:

- useusing hedging strategies to mitigate its risk exposure;
- adjustadjusting its investment policy, particularly with respect to concentration limits;
- strengthenstrengthening the control and monitoring mechanisms for certain large investments or those considered more vulnerable to risk.

#### 3.3 Principle 6: Internal control<sup>13</sup>

The AMF expects a financial institution to establish internal control mechanisms specifically with respect to its investment activities.

In order to achieve effective and efficient investment management, the financial institution should establish internal control mechanisms to ensure that investments comply with the institution's policy and procedures and with legal and regulatory requirements.

When establishing these mechanisms, the institution should, in <u>particular</u>, ensure that <del>certain investment processes remain independent, including with respect to the front office, the back office, middle office and the risk management functions, while also avoiding decision-making by a single person remain independent of one another.</del>

Internal investment controls should cover matters such as:

- concentration limits;
- valuation and <u>recordingrecognition</u> of investments in accordance with Canadian generally accepted accounting principles. <u>SpecialParticular</u> attention should be <u>paidgiven</u> to investments used for arbitrage, trading and hedging purposes;
- responsibilities of depositaries and the terms and conditions of safekeeping arrangements;
- cash flows generated through investments such as income, repurchases and redemptions at maturity;

<sup>13</sup> For more details regarding internal controls, see the *Governance Guideline*, September 2016.

• disclosure and publication of relevant and reliable information regarding investments, <u>primarily</u> for <u>both</u> internal <u>and external</u> purposes.

When entering into or varying an outsourcing<sup>14</sup> arrangement for aspects of investment-related activities, a financial institution should implement controls that describe how the proposed outsourcing arrangement will:

- affect its risk level;
- consider the concentration and liquidity risk implications.

Internal control shortcomings and material deficiencies and breaches significantly affecting investment compliance deficiencies should be noted and reported to senior management and to—the board of directors. Appropriate follow-up should be performed and the necessary measures should be taken in a timely manner. With this in mind, a financial institution should have its investment risk management processes independently assessed on a regular basis. The results should be communicated directly to the board of directors, its audit committee or senior management according to their materiality.

For more details regarding outsourcing, see the Outsourcing Risk Management Guideline, December 2010.

# Supervision of sound and prudent management practices

To foster the establishment of sound and prudent management practices within financial institutions, the AMF, acting within the scope of its supervisory activities, intends to assess the degree of compliance with the principles set forth in this guideline in light of the specific attributes of each institution. Consequently, it will examine the effectiveness and relevance of the strategies, policies and procedures adopted by financial institutions as well as the quality of oversight and control exercised by their board of directors and senior management.

Investment management practices are constantly evolving. The AMF therefore expects decision makers at financial institutions to remain current with best practices and to adopt such practices, to the extent that they address their needs.