Advanced Solvency II and Capital Adequacy Compliance Training Course



30 Nov - 04 Dec 2026

Cairo

3700 € (Per Person)

Ref: #BI7076_291716

Course Introduction / Overview:

The Solvency II directive represents a fundamental shift in the regulation of the European insurance industry, establishing a sophisticated, risk-based framework for capital adequacy and risk management. This intensive training course is meticulously designed to provide a comprehensive and practical understanding of all facets of the Solvency II regime, from its core principles to its complex implementation challenges. We will delve deep into the three-pillar structure, exploring quantitative requirements (Pillar 1), supervisory review and governance (Pillar 2), and detailed reporting and disclosure obligations (Pillar 3). Referencing the foundational work of experts like Karel Van Hulle, a key architect of the directive, and insights from texts such as "Solvency II: A Guide for Insurers", this program moves beyond theoretical knowledge. At BIG BEN Training Center, we focus on equipping participants with the skills to navigate the intricacies of the Solvency Capital Requirement (SCR), the Minimum Capital Requirement (MCR), and the crucial Own Risk and Solvency Assessment (ORSA) process. This course is essential for any professional seeking to master the regulatory landscape, optimize capital allocation, and ensure robust compliance and financial stability for their organization in an increasingly complex market.

Target Audience / This training course is suitable for:

- Risk Managers and Analysts.
- Actuaries and Actuarial Students.
- Compliance Officers and Managers.
- Finance Directors and Financial Controllers.
- Internal and External Auditors.
- Regulatory Affairs Specialists.
- Insurance Underwriters and Executives.
- Investment Managers for Insurance Portfolios.
- Consultants specializing in the insurance sector.

Target Sectors and Industries:

- Life Insurance Companies.
- Non-Life (General) Insurance Companies.
- Reinsurance Undertakings.
- Financial Conglomerates with insurance subsidiaries.
- Management and Strategy Consulting Firms.
- Regulatory and Supervisory Authorities.
- Governmental bodies overseeing financial stability.
- Financial Technology (FinTech) and Insurance Technology (InsurTech) firms.

Target Organizations Departments:

- Risk Management Department.
- Finance and Treasury Department.
- Actuarial Department.
- Compliance and Legal Department.
- Internal Audit Department.
- Strategic Planning Department.
- Investment Management Department.
- Underwriting Department.

Course Offerings:

By the end of this course, the participants will have able to:

- Interpret the three-pillar structure of the Solvency II framework and its implications.
- Calculate the Solvency Capital Requirement (SCR) and Minimum Capital Requirement (MCR) using the standard formula.
- Analyze the different risk modules, including market, credit, and underwriting risk.
- Develop and implement a robust Own Risk and Solvency Assessment (ORSA) process.
- Understand the principles of good governance and risk management under Pillar 2.
- Prepare and review key Quantitative Reporting Templates (QRTs) for regulatory submission.
- Contribute to the drafting of the Solvency and Financial Condition Report (SFCR).
- Evaluate capital optimization strategies within the constraints of the Solvency II regime.
- Apply stress testing and scenario analysis to assess capital adequacy.
- Anticipate future trends and potential revisions to the Solvency II directive.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, practical, and highly interactive, ensuring participants can translate complex regulatory knowledge into actionable skills. We move beyond traditional lectures by integrating a dynamic blend of learning techniques. The course is built around real-world case studies of insurance undertakings navigating Solvency II challenges, allowing for in-depth analysis of successful strategies and common pitfalls. Participants will engage in hands-on exercises, including the calculation of SCR components and the drafting of sections for an ORSA report. Collaborative group workshops and facilitated discussions will encourage peer-to-peer learning and the sharing of diverse industry perspectives. Our expert instructors will provide continuous feedback and guide participants through complex scenarios, ensuring a deep understanding of the material. The program emphasizes a problem-solving approach, where participants work on practical simulations that mirror the day-to-day responsibilities of risk and finance professionals in the insurance sector. This comprehensive methodology guarantees a rich and impactful learning experience that fosters both technical mastery and strategic thinking.

Course Agenda (Course Units):

Unit One: Foundations of the Solvency II Framework

- Introduction to risk-based capital and the history of Solvency II.
- The Three-Pillar Approach: A comprehensive overview.
- Key definitions and scope of the directive.
- Understanding the role of the European Insurance and Occupational Pensions Authority (EIOPA).
- Comparison with Solvency I and other global regulatory regimes.
- The principle of proportionality in application.
- Economic balance sheet valuation principles.

Unit Two: Pillar 1 - Quantitative Requirements

- Deep dive into the Solvency Capital Requirement (SCR) standard formula.
- Calculating the Minimum Capital Requirement (MCR).
- Analysis of Market Risk and its sub-modules (interest rate, equity, property).
- Understanding Credit Risk and Counterparty Default Risk.
- Life and Non-Life Underwriting Risk modules.
- Operational Risk calculation and management.
- Introduction to internal models for SCR calculation.

Unit Three: Pillar 2 - Governance and Supervisory Review

- The Own Risk and Solvency Assessment (ORSA) process.
- Establishing an effective risk management system.
- The Prudent Person Principle for investment management.
- Requirements for the internal control framework.
- The role and responsibilities of the board and senior management.
- The Supervisory Review and Evaluation Process (SREP).
- Capital add-ons and other supervisory measures.

Unit Four: Pillar 3 - Reporting and Public Disclosure

- Introduction to the harmonized reporting requirements.
- Detailed walkthrough of key Quantitative Reporting Templates (QRTs).
- Structure and content of the Solvency and Financial Condition Report (SFCR).
- Requirements for the Regular Supervisory Report (RSR).
- Public disclosure requirements and market discipline.
- Data quality management for regulatory reporting.
- Practical challenges and best practices in Solvency II reporting.

Unit Five: Advanced Applications and Future Developments

- Capital management and optimization strategies under Solvency II.
- Conducting effective stress testing and scenario analysis.
- Group supervision and the treatment of financial conglomerates.
- The impact of Solvency II on product development and strategy.
- Review of recent EIOPA opinions and guidelines.
- Emerging risks: climate change, cyber, and pandemic risk in the framework.
- The future outlook and the 2020 Solvency II Review.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How might the integration of climate change and cyber risk into the Solvency II framework reshape capital adequacy models for insurers in the next decade?

What unique qualities does this course offer compared to other courses?

This training course distinguishes itself by moving beyond a purely theoretical recitation of the Solvency II directive to a deeply practical and strategic implementation focus. While many programs cover the basics of the three pillars, our curriculum is uniquely structured to bridge the gap between regulatory text and real-world application. We place a significant emphasis on the Own Risk and Solvency Assessment (ORSA) not just as a compliance exercise, but as a strategic management tool for informed decision-making. Participants engage in hands-on workshops simulating the preparation of key Quantitative Reporting Templates (QRTs) and the critical analysis of Solvency and Financial Condition Reports (SFCR), skills that are immediately transferable to their professional roles. Furthermore, the course dedicates an entire unit to advanced applications, including capital optimization techniques, sophisticated stress testing, and a forward-looking analysis of emerging risks like climate change and cyber threats within the Solvency II context. This forward-looking perspective ensures participants are prepared not only for current compliance but also for the future evolution of insurance regulation, making it an unparalleled strategic investment for professionals in the sector.