



**EAA Seminar**  
**“Key Issues for a Successful Internal Model  
Application Process (IMAP)”**  
29/30 November 2012 | Warsaw, Poland



Organised by the European Actuarial Academy GmbH in co-operation with the Polskie Stowarzyszenie Aktuariuszy

## 1. Introduction

Under the new regulation of Solvency II (re-)insurance companies are able to use a (partial) internal risk capital model for their SCR calculations. Over the last years a number of companies in Europe have developed, improved and discussed their models with the supervisory authorities. Nevertheless to use these models for calculation of Solvency II SCR, a formal application needs to be submitted to the supervisory authorities (IMAP). In the last months the requirements for IMAP and expectations of the supervisory authorities have become much more transparent. It is the idea of this seminar to share the experiences of IMAP processes in countries like the UK, Germany and the Netherlands with the participants and to discuss possible solutions to achieve compliance with the requirements.

## 2. Participants

The seminar is open to all interested persons, such as actuaries, risk and capital managers, controllers, supervisors and auditors from all types of insurance companies. Participants should have basic understanding of internal risk capital models.

### 3. Purpose and Nature

It is the aim of this seminar that the participants get an overview of the quantitative and qualitative requirements and ideas how practical solutions could look like. Specific focus will be given to the Use Test, Validation, Statistical and Data Quality Standards, Profit and Loss Attribution, Model Governance and Documentation. Finally key steps for managing this process successfully will be discussed.

The seminar will not focus on presentations only, but will include practical case studies and group discussions. Examples will be relevant for Insurance Groups, reinsurance and P&C and Life/Health companies. Participants do not need to bring a laptop with them. It is not in the scope of the seminar to discuss detailed technical and actuarial development and methodology of internal models like market risk, credit risk, insurance risk and operational risk models and risk aggregation.

### 4. Lecturers

#### Andreas Schlögl

Andreas is a qualified actuary since 2006 within the German Actuarial Association having over 9 years experience in the industry. He works as Senior Manager for Ernst & Young within the European Actuarial Service Organization, leading several projects for ORSA and Internal Model Approval Process for large European Insurance Groups and entities covering both non-life and life/health business. He used to work for Hannover Re in the non life actuarial and risk management department in the first 5 years of his career.

#### Marc Linde

#### Dr. Nader Razouk

### 5. Language

The language of the seminar will be English.

### 6. Programme

#### Thursday, 29 November 2012

08.45-09.00	Registration
09.00	Introduction & welcome and opening of day 1
09.00-10.45	Overview of IMAP requirements and documentation
10.45-11.00	Coffee Break
11.00-12.30	Case Study: Statistical Quality Standards (SQS) and Model Validation Tools
12.30-13.30	Lunch
13.30-15.00	Practical examples to full fill SQS and validation tools
15.00-15.15	Coffee Break
15.15-16.15	Case Study: Establishing model validation and model change policies
16.15-17.00	Practical examples of establishing a model governance framework
approx. 19.00	Dinner

#### Friday, 30 November 2012

09.00	Opening of day 2
09.00-09.45	Practical examples of a validation report
09.45-10.45	Data quality management for internal models – How can it work?

10.45-11.00	Coffee Break
11.00-12.00	Case Study: Use Test of Internal Models
12:00-12.30	Use Test of Internal Models for Risk Management – Practical examples
12.30-13.30	Lunch
13:30-14.00	Use Test of Internal Models for Business Decisions – Practical examples
14.00-14.45	Profit and Loss Attribution – How to solve this?
14.45-15.00	Summary for a successful IMAP
15.00	Concluding remarks, closing of seminar

## 7. Fees & Registration

Please register for the seminar as soon as possible because of the expected demand. If there are more persons interested in this seminar than places available we will give priority to the registrations received first. Please send your registration as soon as possible by using our online registration form at [www.actuarial-academy.com](http://www.actuarial-academy.com).

Your registration is binding. Cancellation is only possible up to 4 weeks before the first day of seminar. If you cancel at a later date, the full seminar fee is due. You may appoint someone to take your place, but must notify us in advance. EAA has the right to cancel the event if the minimum number of participants is not reached.

Please always give your invoice number when you effect payment. Bank charges are to be borne by the participant. We will send you an invoice, please allow a few days for handling.

**Your early-bird registration fee is € 710.00 plus 23 % VAT until 29 September 2012. After this date the fee will be €790.00 plus 23 % VAT.**

## 8. Accommodation

more information will follow

## 9. CPD

For this seminar, the following CPD points are available under the CPD scheme of the relevant national actuarial association:

- Austria: 11 points
- Bulgaria: 12 points
- Czechia: 2-3 points (individual accreditation)
- Estonia: 11 hours
- Germany: 11 hours
- Italy: approx. 4 credits (GdLA individual accreditation)
- Netherlands: approx. 12 PE-points (individual accreditation)
- Russia: 40 points
- Slovakia: 8 CPD points
- Slovenia: 50 points
- Switzerland: 15 points

No responsibility is taken for the accuracy of this information.