

Actuarial Function – Natural Catastrophe

Non-Life Insurance : B2B + B2C

Level of intervention

- Counsel
- Expertise
- Technical studies (claims, profitability, pricing, risk study, etc.)

Tools & Programming

- Excel/VBA
- Office
- (RMS)

Context & issues

A Belgian insurance company has expressed its need to develop a product that meets future climate challenges.

As the subject is highly confidential, we will not detail the studies carried out as part of this mission. As a direct support to the Actuarial Function, our teams were able to intervene in the entire process of analyzing the problem.

Details of the intervention & realisation

- Analysis of European and Belgian climate issues
- Carrying out a complete analysis of internal needs: production, pricing, reserving, prevention, etc.
- Review of technical pricing based on RMS simulations. The application is specific to flood and storm perils and includes the implementation of a specific geographic cluster, GLM models extrapolated from RMS results for B2B and B2C.
- Review of the release of practical end-to-end business solutions

Delivrables

- Comprehensive and exhaustive report of the conclusions concerning the technical and commercial aspects, the important follow-ups to be planned and the possible deviation situations.
- Set of slides to present to the Board Committee