



Multinational property and casualty insurer uses **Cytora Underwriting Optimisation™** to increase their visibility of fire losses by 10x

CHALLENGE

A multinational property and casualty insurer wanted to identify which types of properties not to underwrite based on historical fire losses. Their loadings across different types of properties were based on 15-year-old assumptions and driven by subjective claims experience. Holding 6% of the UK commercial lines market, the insurer had a statistically insignificant claims volume to draw aggregate insights from.

SOLUTION

Fusing comprehensive loss data with commercial property data containing every insurable property in the UK, Cytora was able to identify 10x more commercial fires than the insurer, delivering the geolocation and wider property attributes for each incident.

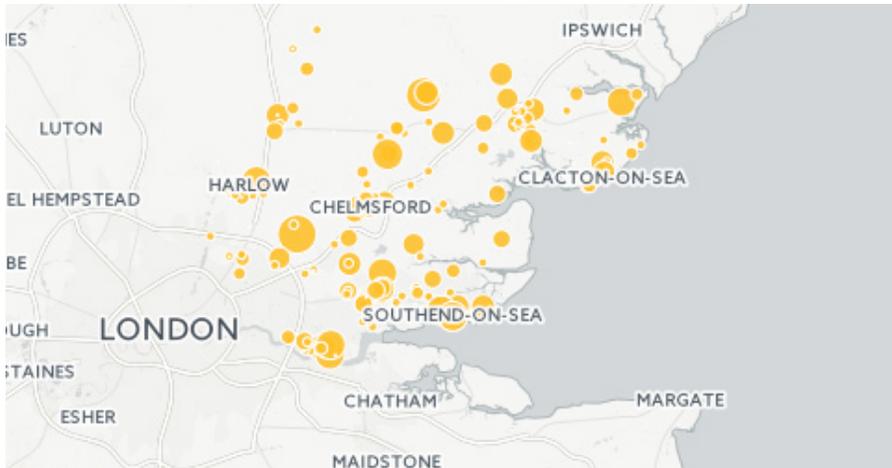
RESULTS

Based on the enhanced data and statistical conclusions delivered by **Cytora Underwriting Optimisation™**, the insurer can now confidently avoid properties with a high probability of future claims and achieve improved underwriting profitability.

- ▶ **10x increase in commercial loss data**
- ▶ **Better risk selection and avoidance**
- ▶ **Superior loss ratios for the insurer**



Map 1: Visibility of fire losses for a leading UK Commercial lines insurer in 2016 with 6% market share (based on historical claims)



Map 2: Visibility of fire losses using Cytora data extracted from 100k plus sources and operating at the scale of total insurable population. Cytora data provides a 10x increase in total loss visibility.



About Cytora

Cytora is a leading data analytics provider to the insurance industry. Founded in 2014 by a multidisciplinary team and backed by the venture arm of the University of Cambridge, Cytora enables insurers to improve the way they quantify, select and price risk by leveraging new data sources and machine learning.

Today we deliver data and insight to insurers across the underwriting lifecycle, with clients using our proprietary data analytics in Europe and North America.

Underwrite without claims history.

For more information please contact us.

Andrzej Czapiewski
Chief Commercial Officer
andrzej@cytora.com

Michael Ginzo
Head of Data Analytics
michael@cytora.com