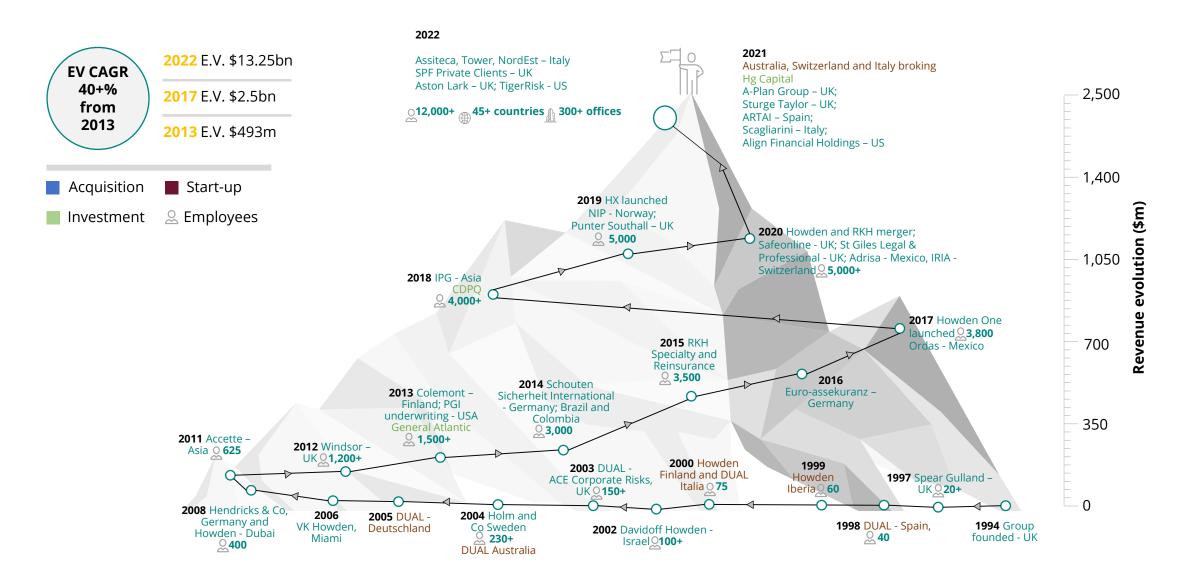
Howden Group Holdings

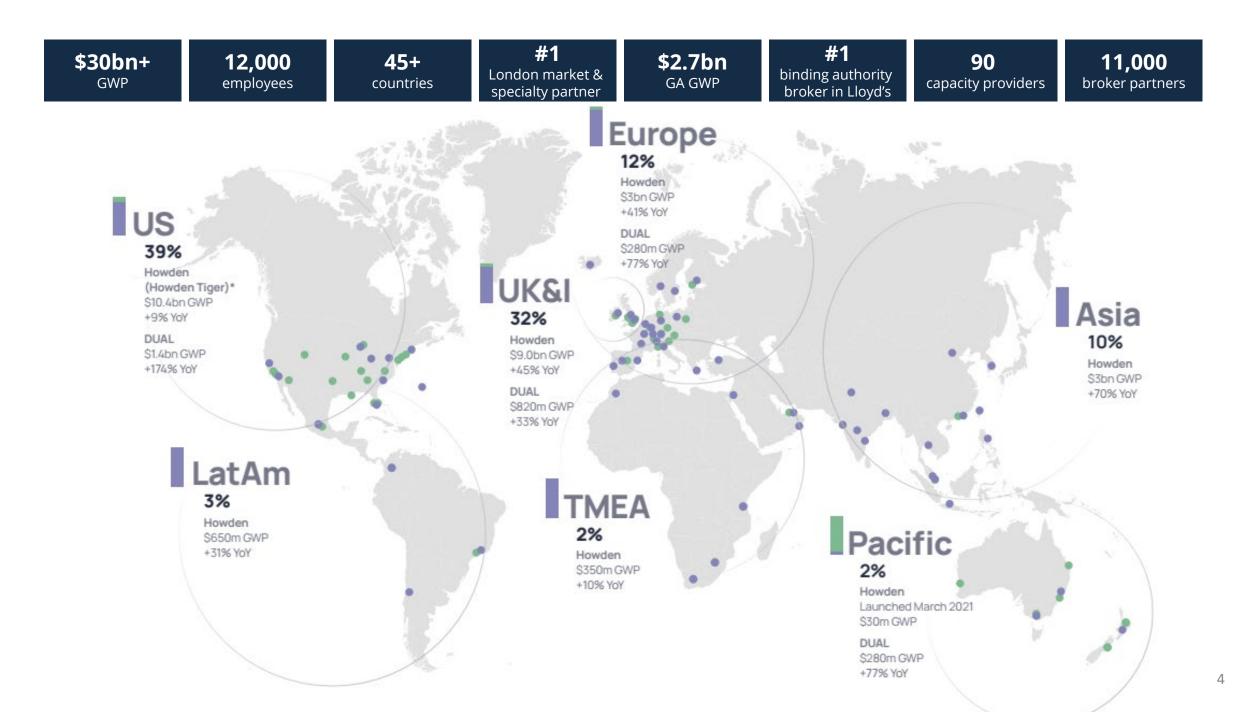
Seizing the opportunity

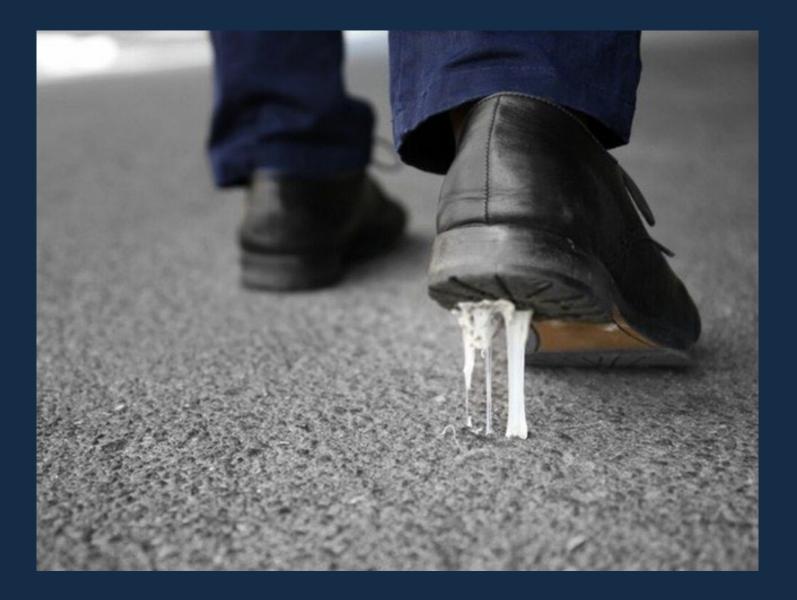
David Howden CEO Howden Group



Three decades of mountain climbing

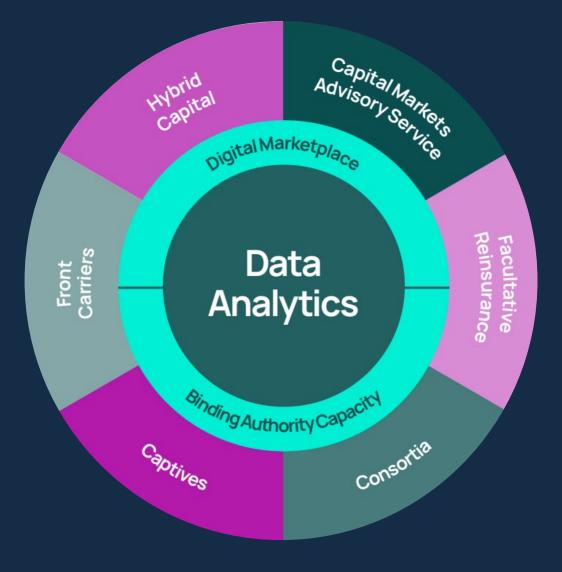






Using all our tools for carriers and clients

\$6bngwp in the GA sector

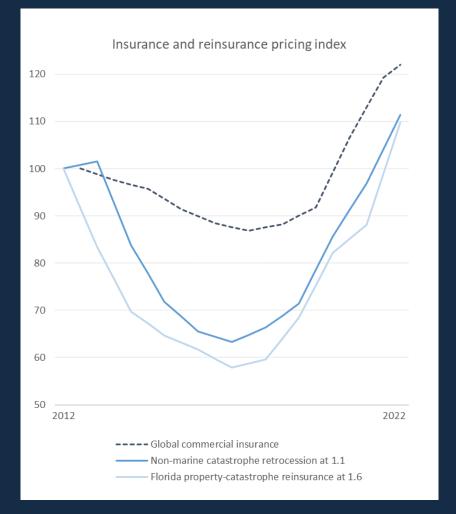


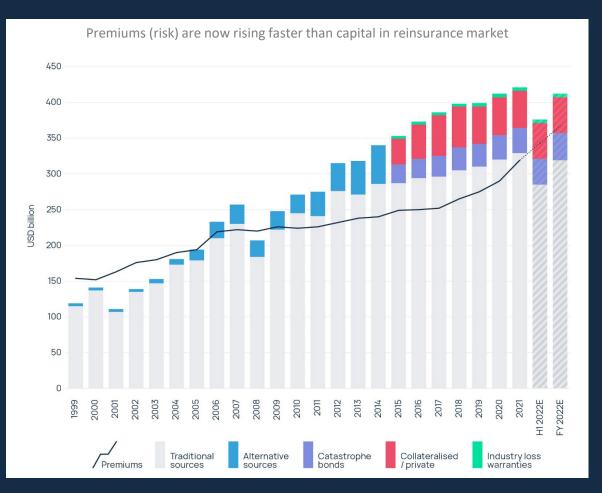


Monte Carlo

Rebalancing of supply and demand

Capacity constraints are being felt across the (re)insurance value chain

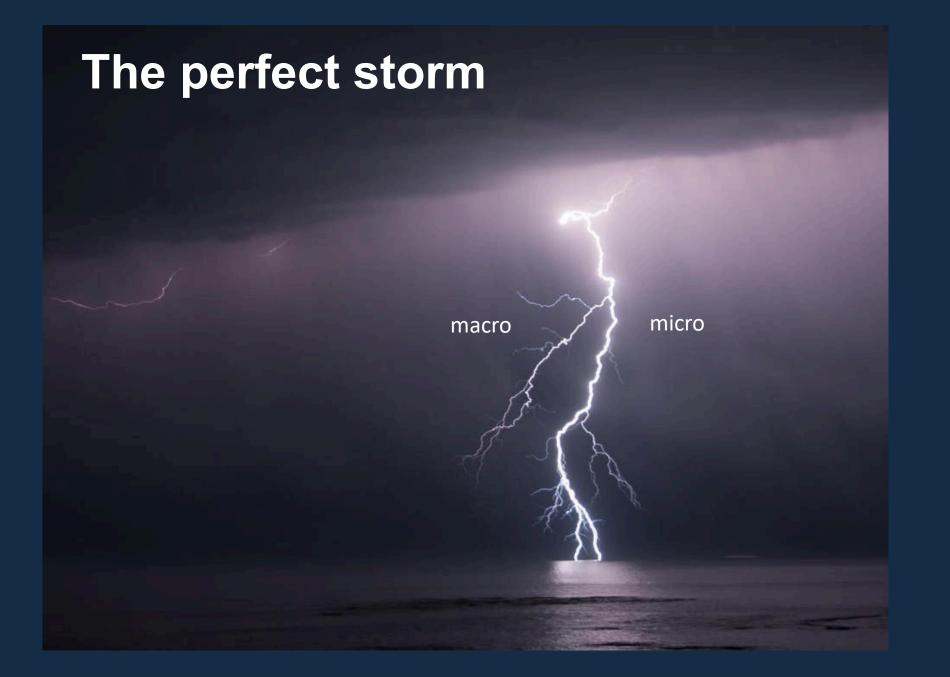






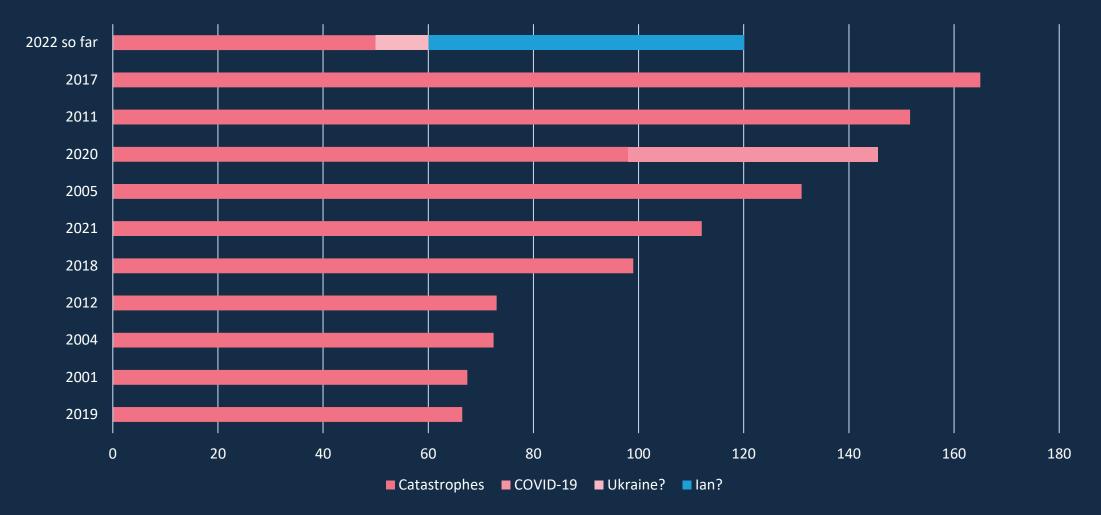
Colorado Springs





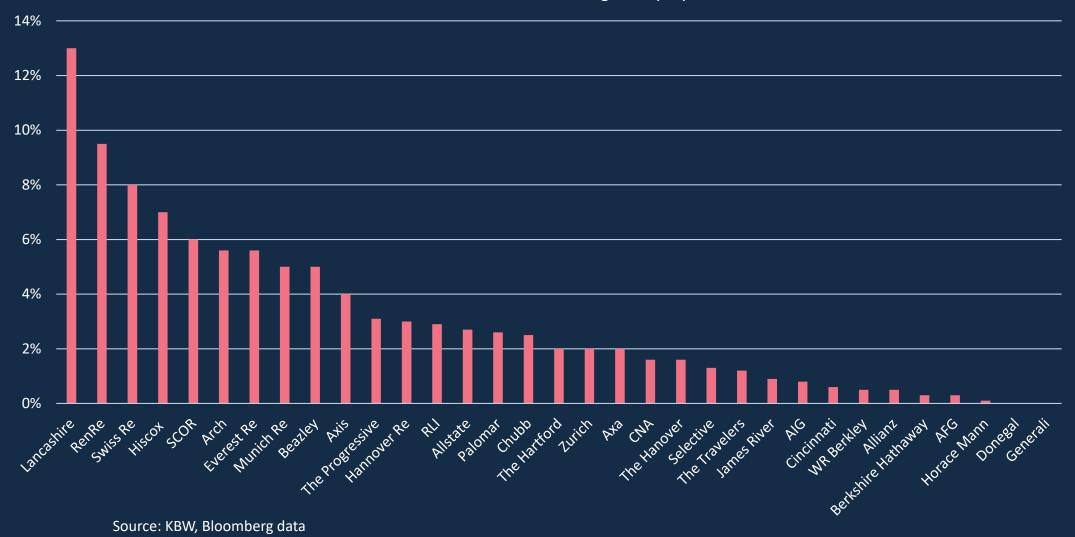
CIAB

Hurricane lan: historical context (USD billions adjusted for inflation)

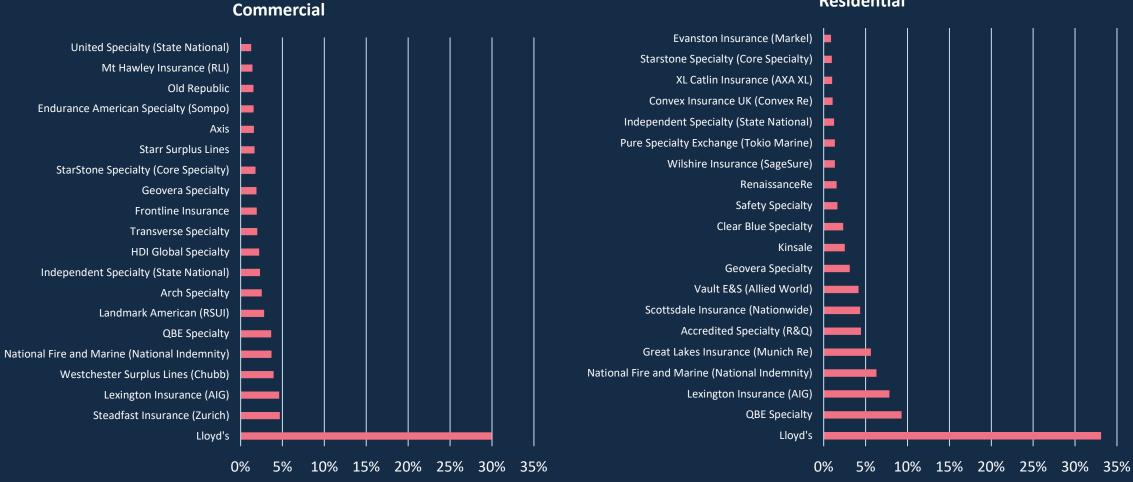


Hurricane Ian: estimated loss effect (quoted carriers)

Estimated loss as a % of tangible equity



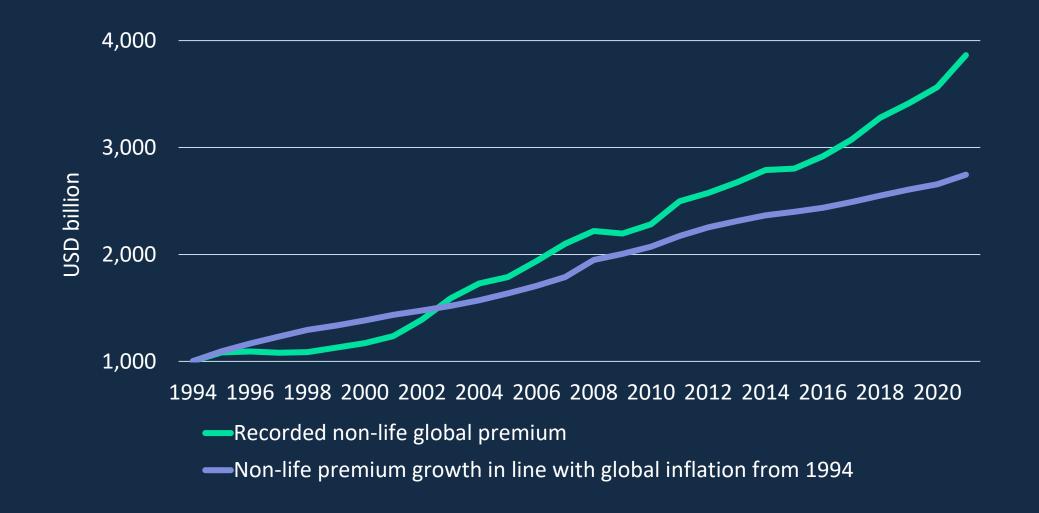
Hurricane Ian: Lloyd's E&S exposure



Residential

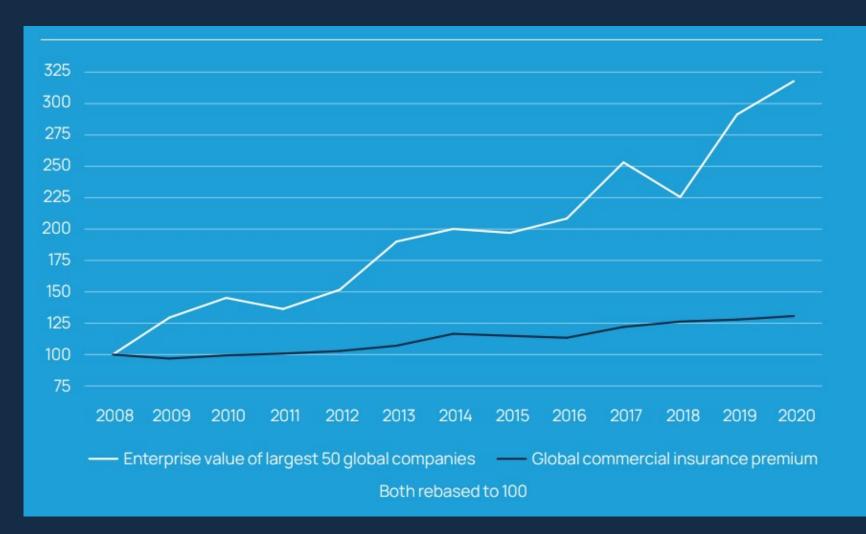
Source: Florida Surplus Lines Service Office (Lee, Charlotte, Collier, Hillsborough, Sarasota and Manatee counties)

Sleepwalking into irrelevance?



A shrinking market?

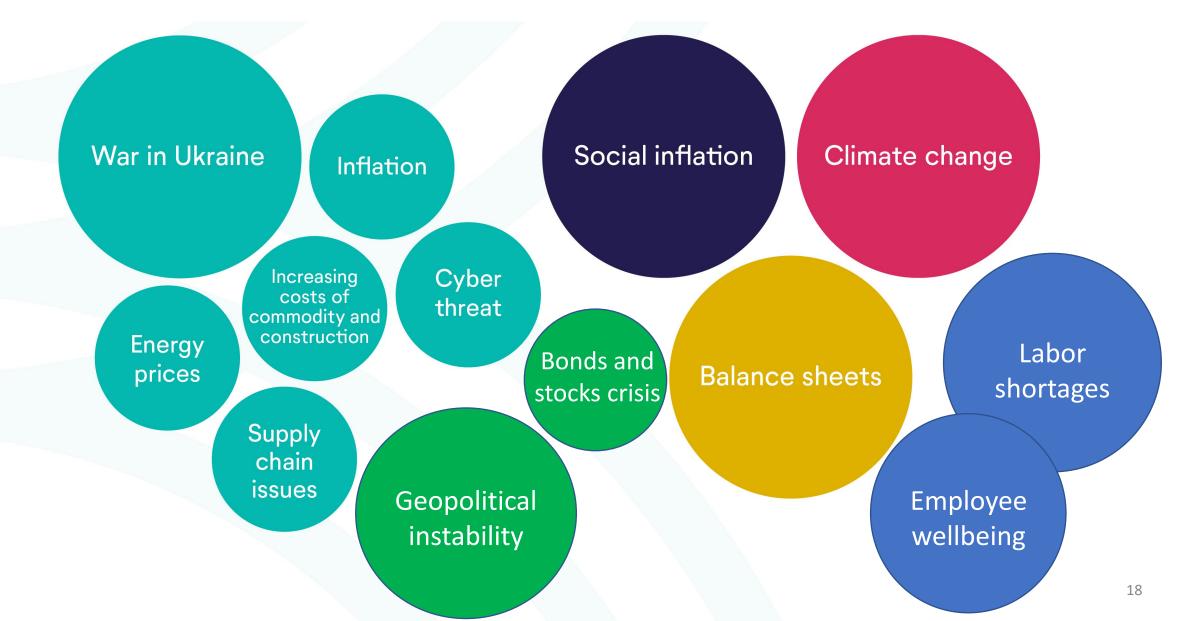
Enterprise value of top 50 global companies vs global commercial insurance premiums



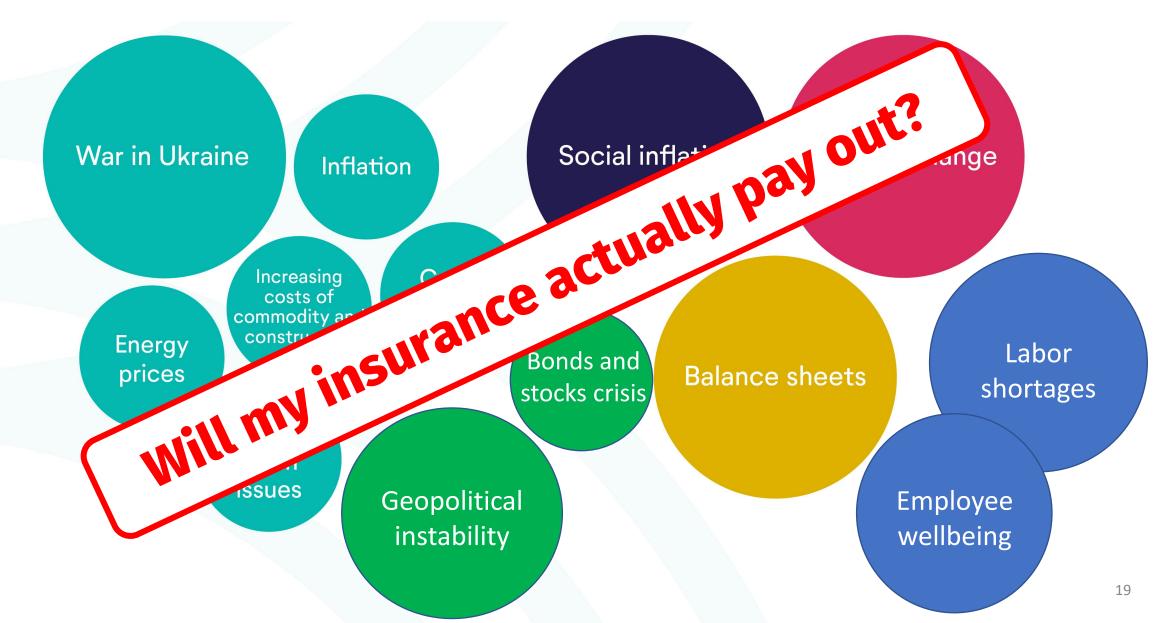


Copenhagen

What are clients thinking about?



What are clients thinking about?



n insurance

Airbus and Michelin among participants in new European cyber mutual

Samuel Casey 10 October 2022



The increasing dominance of intermediaries

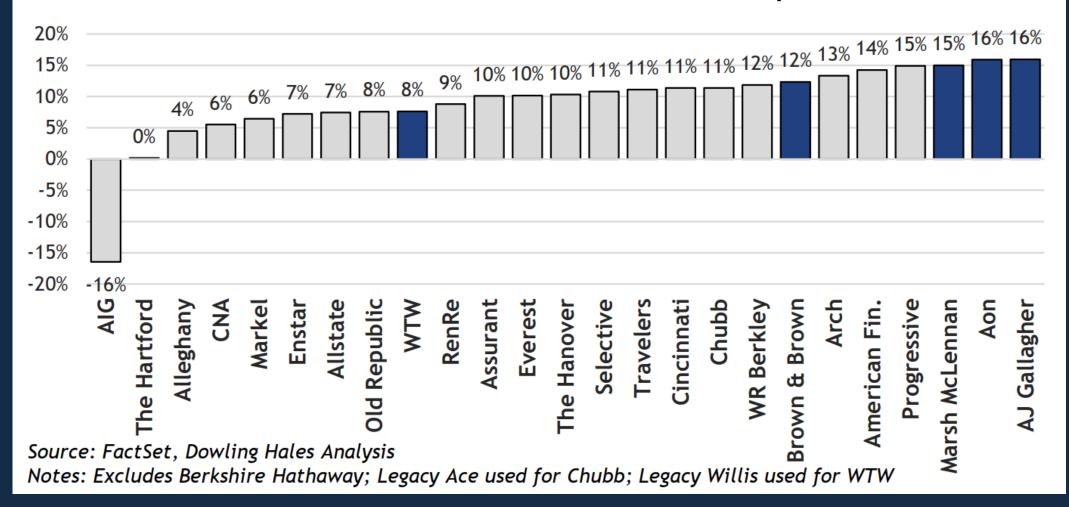
2006 2011 2021 2016 Ranked By Market Capitalization (US\$) 🧀 Marsh \$87.9 \$186.4 AIG \$65.0 \$44.0 AIG AIG McLennan Allstate \$40.5 TE снивв \$61.6 \$83.3 \$23.6 снивв ST PAUL \$34.8 AON \$36.4 TRAVELERS 523.2 \$66.5 MARSH \$30.2 \$19.2 PROGRESSIVE \$34.2 \$60.1 TRAVELERS -AIG \$17.0 \$21.9 AON \$29.2 \$47.5 MARSH CHUB \$19.8 Allstate. \$27.1 TRAVELERS \$38.5 §15.2 AON **PROGRESSIVE** • \$18.1 Allstate • \$13.7 PROGRESSIVE \$20.6 \$35.2 🧼 Allstate. 🌒 \$17.8 \$33.9 • \$16.9 PROGRESSIVE • \$12.0 HTHE SA MMC wtw • \$13.1 • \$7.2 \$16.7 \$29.6 XL THE HARTFORM • \$12.6 \$23.6 **CNA** • \$10.9 • \$7.2 GNA MARKE • \$10.6 Willis • \$6.7 • \$12.5 intact \$22.9 AON CINCINNAT R Brown & Brown • \$19.8 \$7.8 • \$6.3 • \$11.2 XL • CINCINNATI 25 Arch • \$5.0 \$7.3 • \$11.2 \$18.4 Safeco FAIRFAX CINCINNATI Brokers % Berkley • \$6.7 • \$4.9 Arch • \$10.6 25 Arch \$17.2 CINCINNATI of Top 15 ЖL \$6.4 Berkley • \$4.7 • \$10.6 \$16.9 Market Cap MARKE 19% 21% 6% 40%

TOP 15 U.S. P/C COMPANIES BY MARKET CAPITALIZATION EX BERKSHIRE

Source: FactSet (data as of YE); Hales Analysis, Excluding Berkshire Hathaway, Includes Fairfax & Intact

Brokers have produced good returns for investors...

15-Year Total Return CAGR: Brokers Vs Current Top-15 Underwriters





Scottsdale

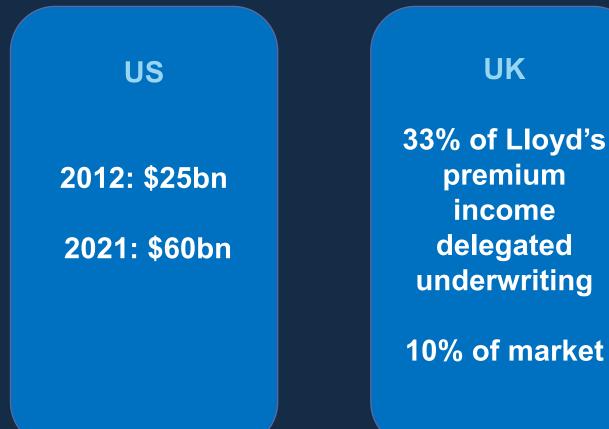
"How are GAs relevant? You don't carry risk on your balance sheet."

Editor, Insurance publication

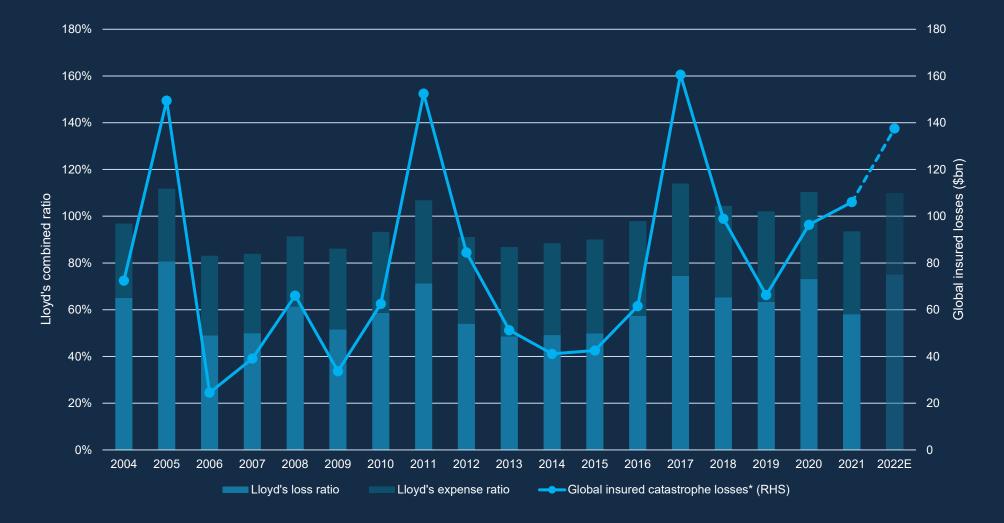
GAs are small but mighty

\$12.5bn revenues and \$100bn premiums globally 2020

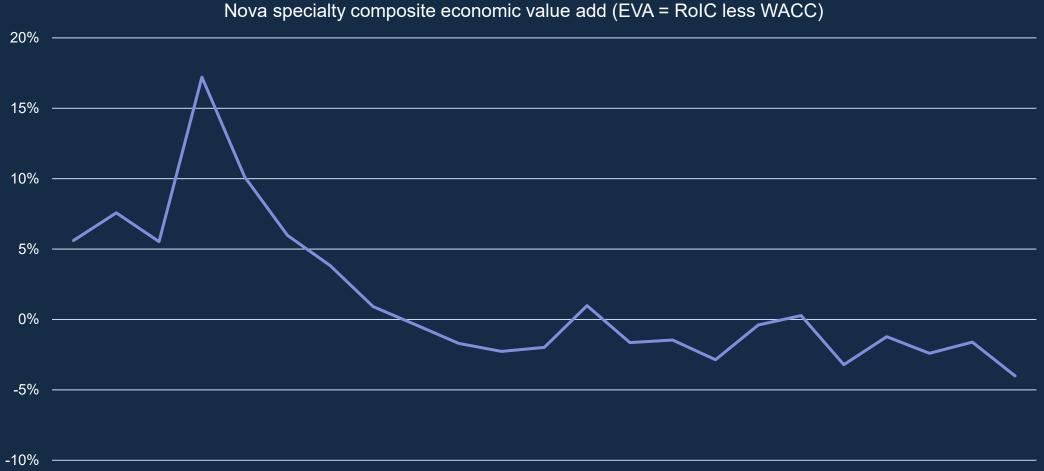
Fronting market doubledigit growth rate



Lloyd's underwriting profits are under pressure



Specialty carriers are not earning their cost of capital



2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022E

Closing the relevance gap

The opportunity for GAs, for insurers, for brokers and for talent



What does talent want?

n insurance insider

Fidelis to bifurcate into \$3bn-premium MGU and \$2bn balance sheet

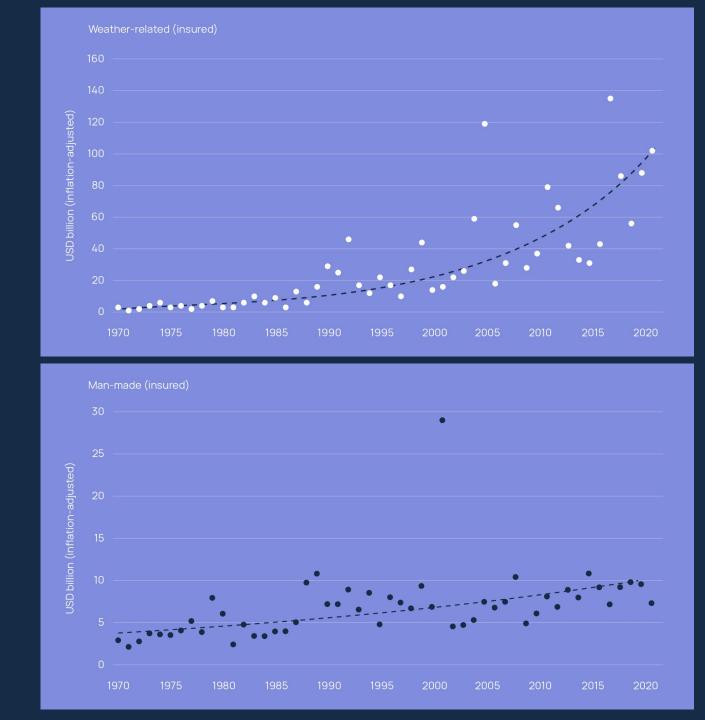
Adam McNestrie 25 July 2022



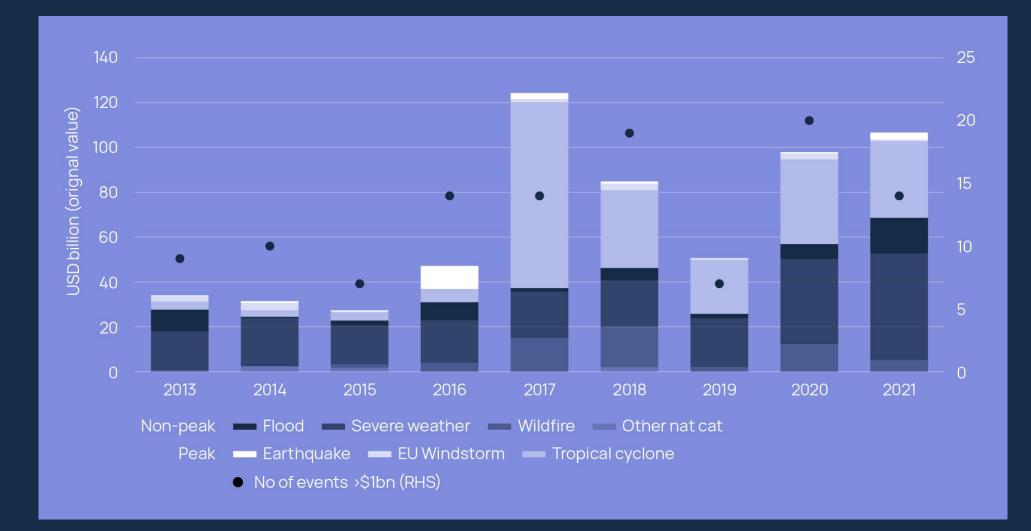
Multi-carrier, disparate balance sheet model is key to innovation and relevance for clients *and* for carriers

- **D&O insurance:** Non-US D&O 1994 \$250m → 2022 \$13bn
- Renewables: born in the GA space now largely composite market \$750m in London; \$1.5bn+
- Parametric insurance: born in the 90s, mainstream in 2018-19, now a \$12bn market globally
- M&A and Title insurance: both 60%+ written by GAs
 M&A insurance 2010 \$330m → 2022 \$5.25bn
- Cyber: 2000 \$100m → 2022 \$10bn

Whether you believe climate change or not, look at the claims.....



Climate change and increased catastrophe losses



\$125 trillion

of investment is required between **now and 2050**

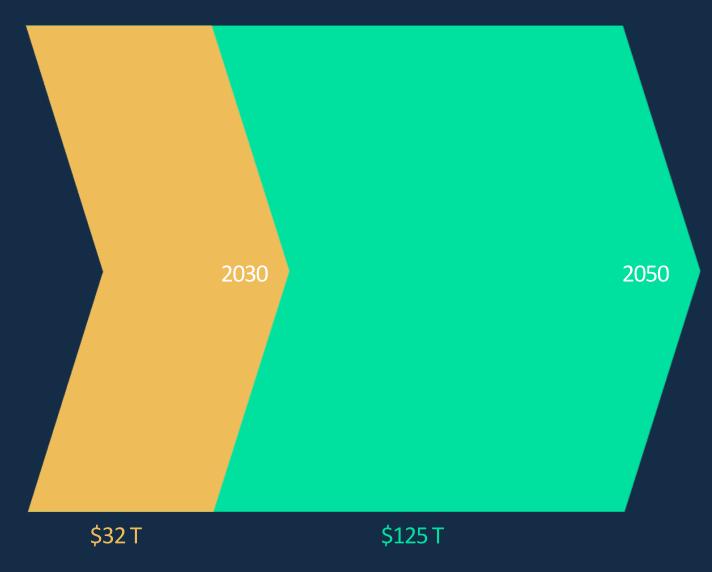
to transform our economy and avoid the worst physical impacts of climate change



\$125 T

\$32 trillion

of investment is required **this decade**.



18%

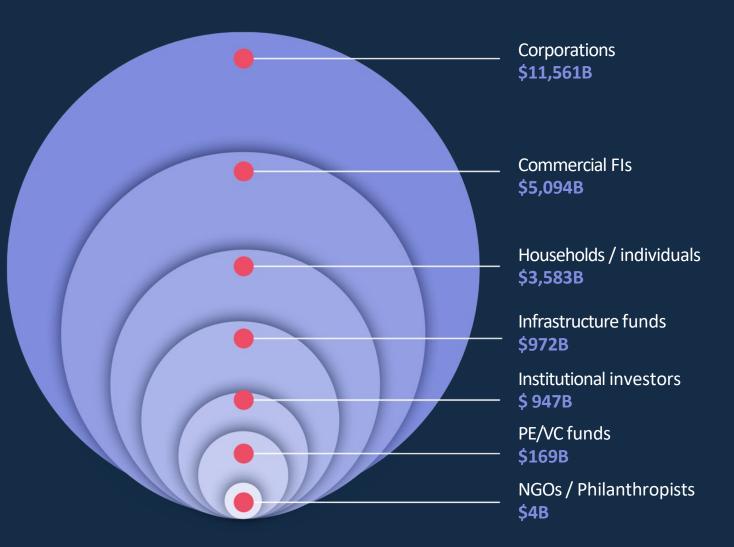
of this investment will be in North America

\$32 trillion



70%

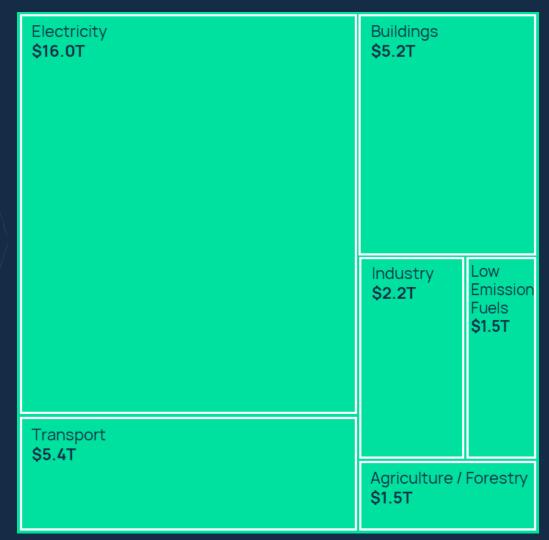
of this \$125tm from **businesses and individuals**



6

main industry sectors

\$32 trillion



How are you going to stay relevant?

Thank you

