

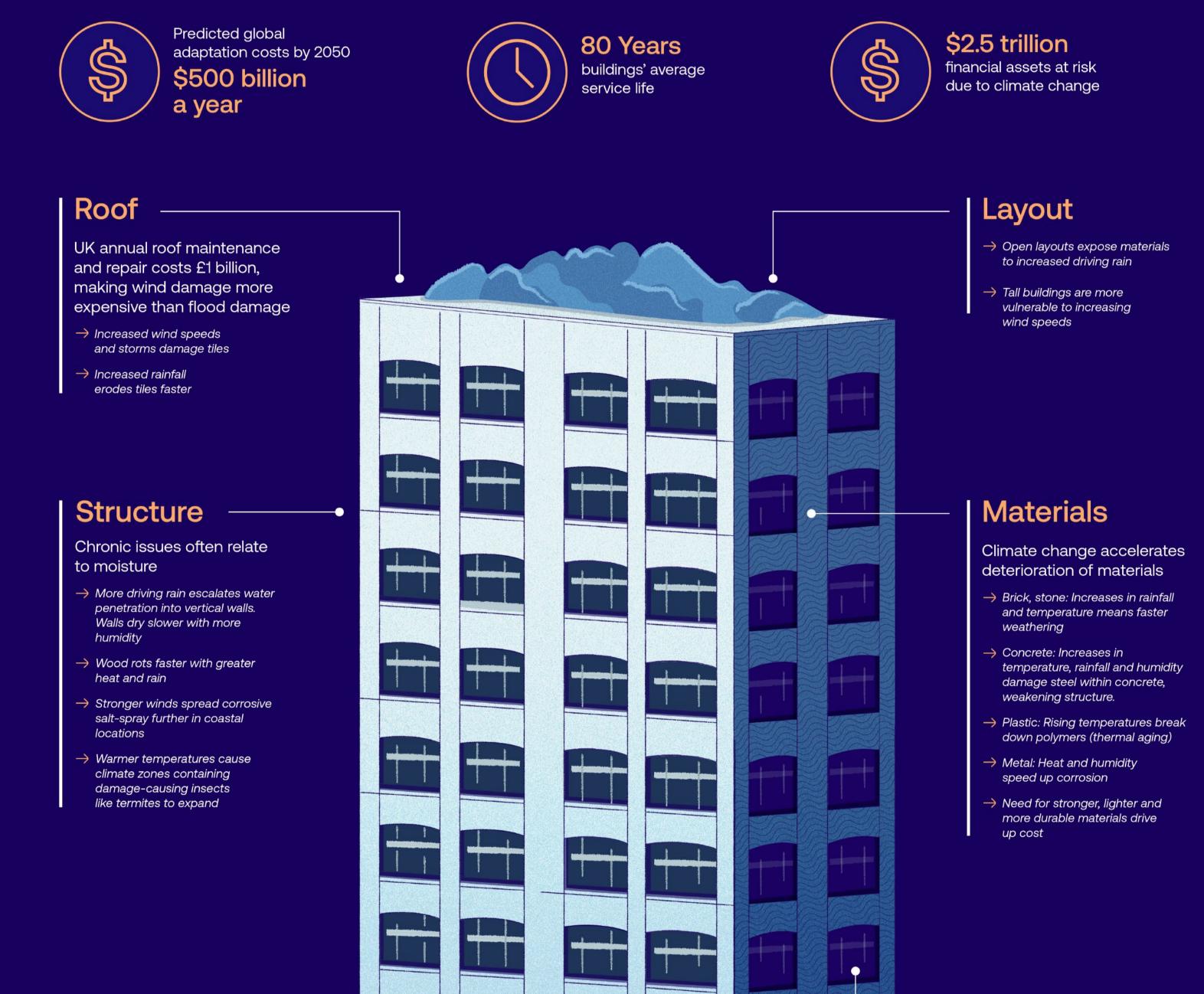
How climate change impacts buildings costs over time

Climate shocks and stresses can undermine the stability of your assets, increase their vulnerability and impact their value.



Climate hazards that could affect your buildings:

- Rising average temperature and greater heat extremes
- → Heavier, more frequent rain and snow
- Greater exposure to driving rain
- → Intense drought
- Drought and extreme precipitation cycles



Foundations

Interiors

indoor climate

for mold

Heat and humidity affect

 Heat and precipitation increase humidity, perfect conditions

→ Need for cooling adds to

 Electrical equipment in basements or roofs are vulnerable to water damage

electricity costs

Climate change increases subsidence risk

- → Clay soil absorbs water, causing ground to rise and structures to lift
- → Rising temperatures reduce soil moisture. Dry soil hardens and shrinks
- → Thawing permafrost sinks, damaging buildings
- → Sea-level change raises water table and makes it more corrosive

Windows

→ Glazing seals fail quicker with more heat and humidity

→ More glass means hotter

temperatures indoors

→ More precipitation means increased periodic basement flooding

Climate change will impact every single asset on the planet. Asset owners need visibility of the specific physical risks they're facing. Climate Intelligence enables you to understand your exposure to climate risk and make climate intelligent decisions to protect your assets.

Read more about how Climate Intelligence can help the real estate sector adapt with climate change in our free ebook.