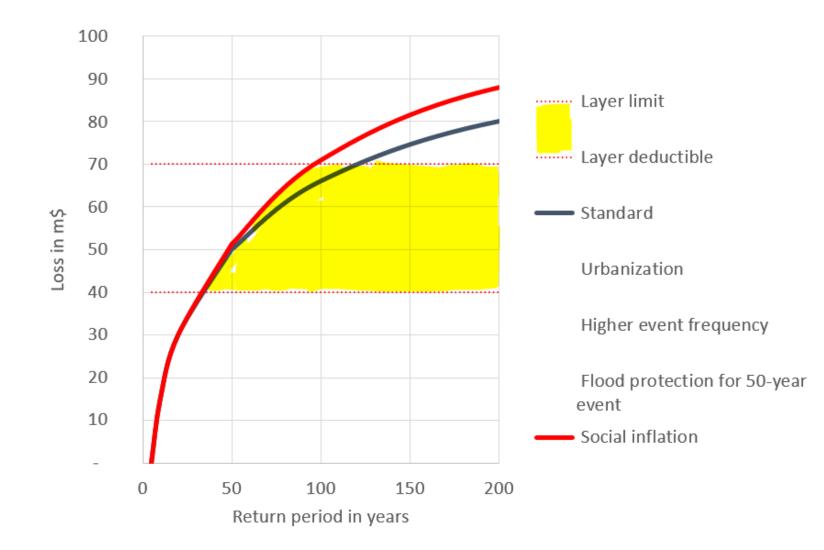
The loss-probability distribution

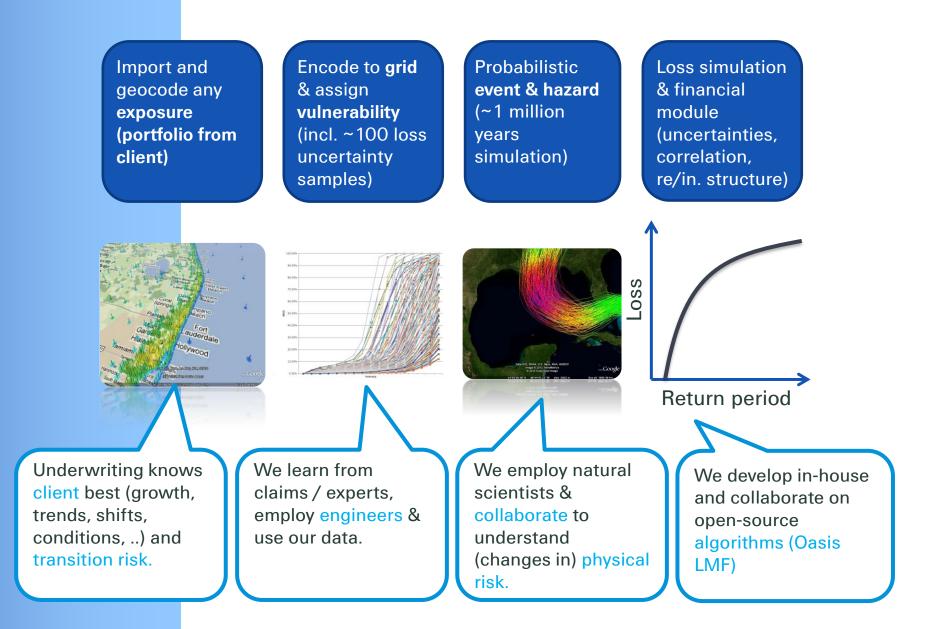
.. for each client

.. is the most important tool / basis to take risk

We use it >1000 a day, using ~200 scenarios, for 50'000'000 simulated insured items a day.



Cat models in 4 boxes



📆 Swiss Re

We simulate

.. for each peril, often multiple sub-perils ..

Climada and Oasis are great opensource frameworks. Video on the right from <u>climada: Cyclone Sidr (2007)</u> <u>hitting Bangladesh on Vimeo</u>

- .. for each (1) portfolio, at all locations
- .. 1 million years of events
- .. 100 hazard / loss uncertainty samples

