



# STAR ESG

Real-world and risk-neutral economic scenario generation

## About STAR ESG

STAR is a library of applications for generating economic scenarios under either a real-world (RW) or risk-neutral (RN) framework. STAR ESG RW is a real-world economic scenario generator that covers a wide array of economic and financial risk metrics across 26 currencies, and captures realistic market dynamics. STAR ESG RN is a sophisticated, risk-neutral economic scenario generator that can be used for market-consistent valuation of options and guarantees embedded in insurers' liabilities.

STAR ESG RW and STAR ESG RN not only provide required analytical frameworks, but also offer comprehensive documentation, training and consultancy critical to regulatory compliance. In particular, we embrace full knowledge transfer so that clients understand and "own" the analytics we provide, using the enabling technologies that make model ownership easier.

## What makes STAR different?

- Advanced technical models and stochastic modeling solutions are provided.
- STAR ESG RW generates a realistic statistical distribution of one-year and multiyear projections, with an economic overlay reflecting Willis Towers Watson's investment expertise. It is suitable for asset liability management and pricing, as well as for risk management such as capital setting and allocation.
- STAR ESG RN is able to accurately replicate a wide range of market prices and benefits from a sophisticated resampling feature for rapid scenario convergence. STAR ESG RN also features fully integrated tools enabling clients to carry out their own calibrations.
- A full support package, including a comprehensive suite of training and Solvency II documentation, is provided.

STAR ESG RN is a sophisticated, risk-neutral economic scenario generator that can be used for market-consistent valuation of options and guarantees embedded in insurers' liabilities.

For further information, please contact:

**Jon Mossman**

+1 215 246 7414

[jonathan.mossman@willistowerswatson.com](mailto:jonathan.mossman@willistowerswatson.com)

**Tim Wilkins**

+44 1737 274152

[tim.wilkins@willistowerswatson.com](mailto:tim.wilkins@willistowerswatson.com)

### About Willis Towers Watson

Willis Towers Watson (NASDAQ: WLTW) is a leading global advisory, broking and solutions company that helps clients around the world turn risk into a path for growth. With roots dating to 1828, Willis Towers Watson has 39,000 employees in more than 120 countries. We design and deliver solutions that manage risk, optimize benefits, cultivate talent, and expand the power of capital to protect and strengthen institutions and individuals. Our unique perspective allows us to see the critical intersections between talent, assets and ideas – the dynamic formula that drives business performance. Together, we unlock potential. Learn more at [willistowerswatson.com](http://willistowerswatson.com).