



Application of Earth Observation (EO) data to support robust investment decisions in the face of a changing climate

Eye on Earth Symposium, Session #68

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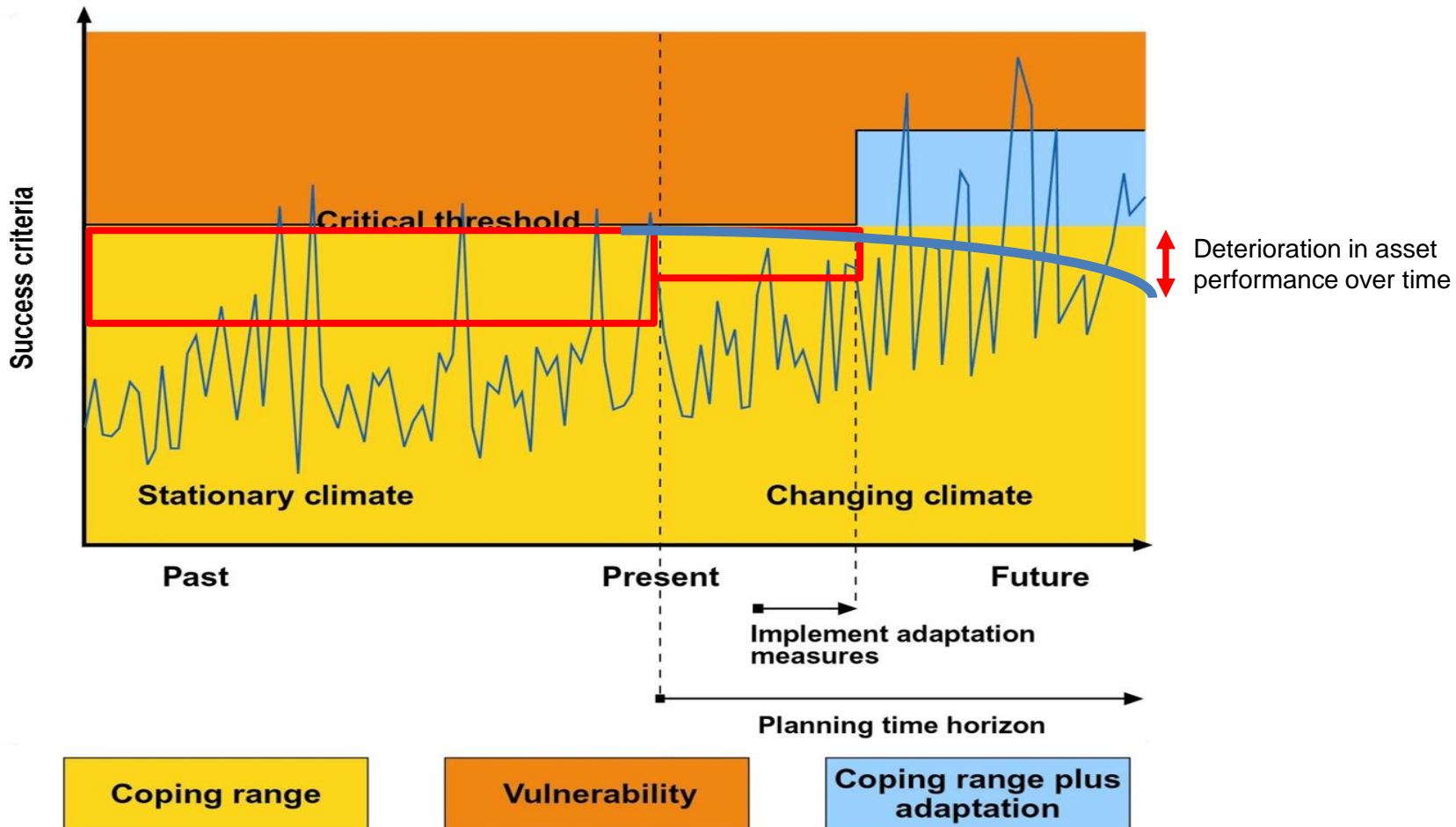
John Firth, CEO, Acclimatise Group Ltd

Why do we need Earth Observation data?



- The challenges in assessing impacts, risks, vulnerabilities and solutions
- Examples of using EO data to enable robust decision making:
 - Project and investment screening in seconds – Acclimatise Aware cloud based software
 - Physical climate risk disclosure for commercial banks – Acclimatise support to UNEPFI and TCFD

Thresholds, margins and data



Adapted from Willows, R.I. and Connell, R.K. (Eds.). (2003). *Climate adaptation: Risk, uncertainty and decision-making*.

UKCIP Technical Report. UKCIP, Oxford.

Acclimatise 'Aware' cloud-based project and investment screening

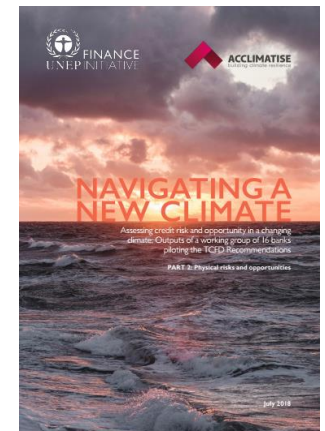


- Our Aware platform provides an easy three-step process to screen a company or project for climate risks. It can analyse climate risks for a portfolio of assets globally in seconds, using the most up to date **climate, natural hazard and socio-economic data available.**
- It's as easy as creating a project, selecting company or project locations on a map and answering some simple questions.
- Users can save even more time by running an express report with no need to answer questions, Aware does all the work.
- Assessments that typically take days can be done in minutes thanks to intuitive workflows and **rapid access to millions of data points.**
- Aware for Projects™ software was developed for investors and lenders. Organisations such as the Asian Development Bank and the European Investment Bank are using Aware to screen their project and investments for climate risks, ultimately building resilience within their portfolios.

Corporate disclosure – if we can't measure we won't act

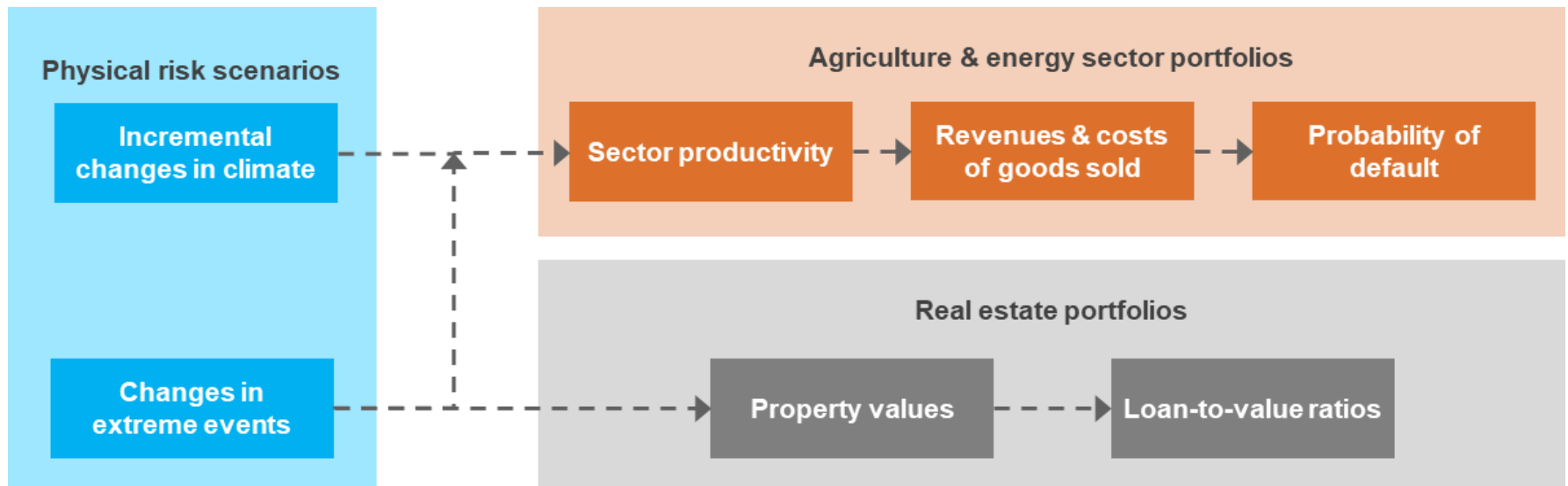


- **Enable UNEP FI member banks** to assess and disclose climate-related risks and opportunities in alignment with the TCFD recommendations
- Contribute to the emergence of a **harmonized approach to TCFD disclosure** among banks and to provide an example and guidance to the wider banking industry



UNEPFI TCFD

Risk methods overview



- The methodologies help banks to evaluate plausible linkages between: Climate change → risks to sector output → financial risk to borrowers → credit risks
- The methodology for agriculture and energy can be applied in other sectors, provided research exists to link changes in climate parameters with production characteristics



Thank you

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