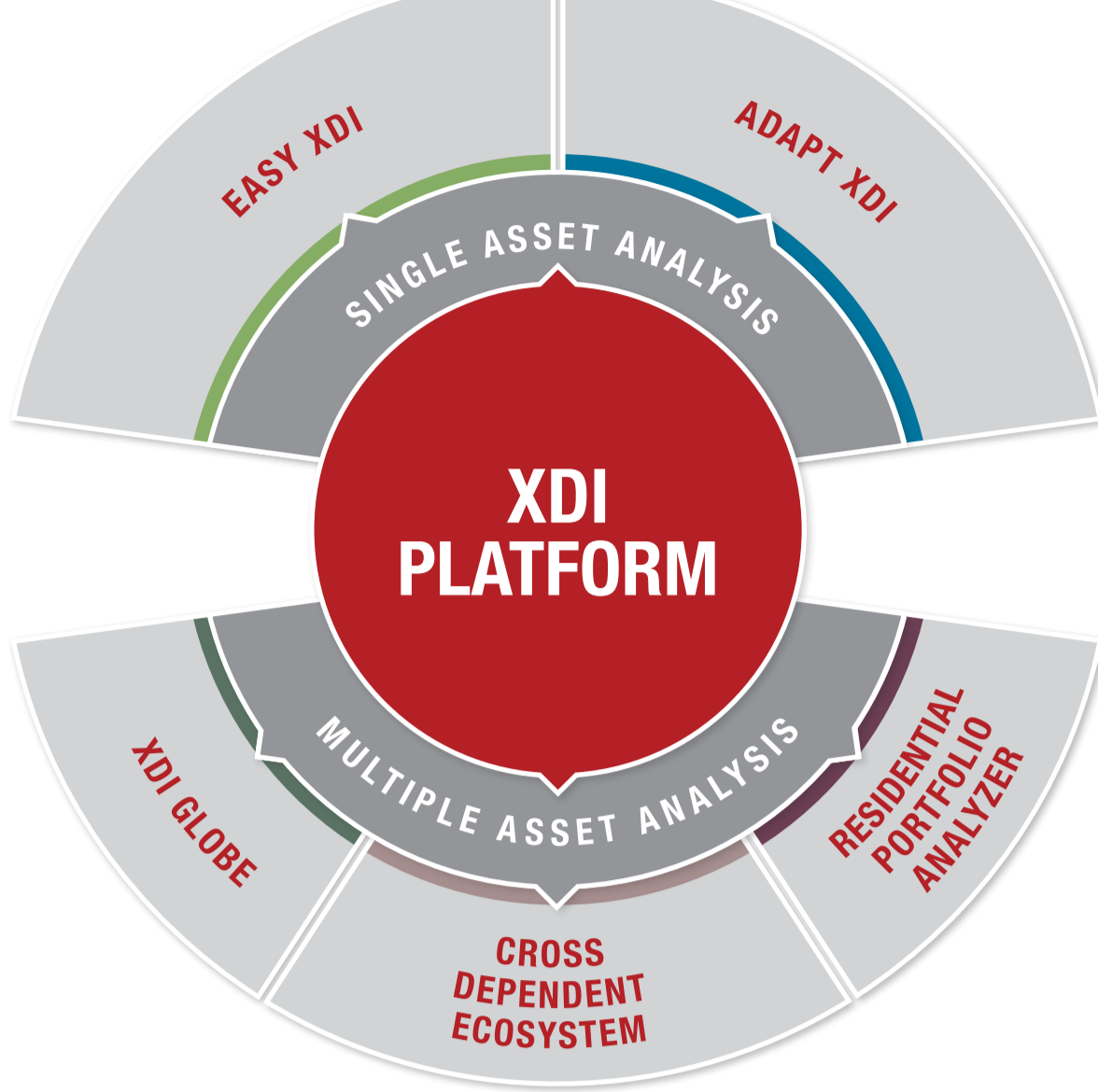


# THE XDI PLATFORM

The world's most powerful physical climate risk analysis in one technology platform



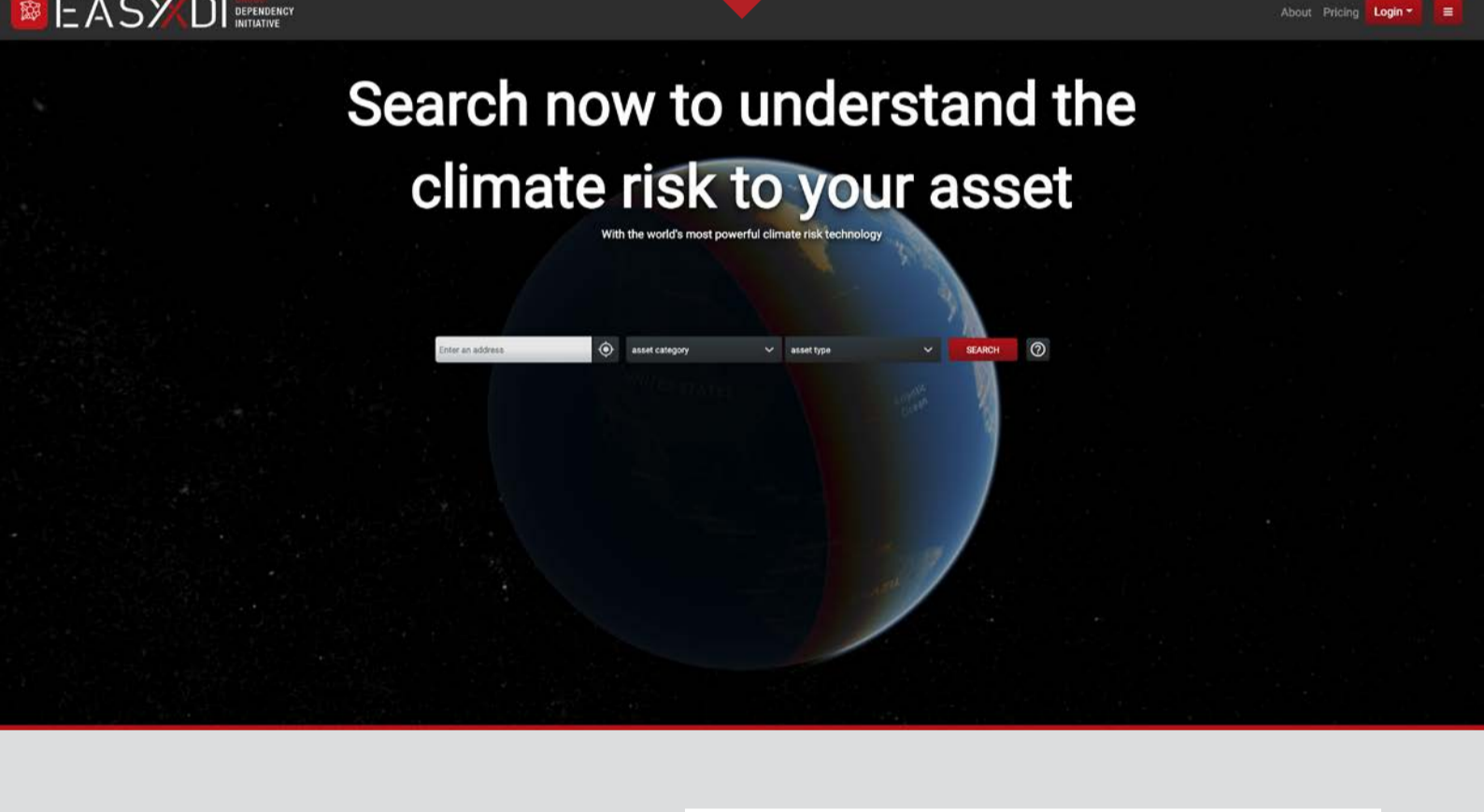
XDI Platform comprises several online interfaces which cater for the varying needs of decision makers.

Powered by the award winning Climate Risk Engines, each interface provides different levels of analysis depending on the needs of the user.

## SINGLE ASSET ANALYSIS

### EASY XDI & ADAPT XDI

ONLINE / ON-DEMAND / SINGLE ASSET ANALYSIS



## Search now to understand the climate risk to your asset

With the world's most powerful climate risk technology

EasyXDI and AdaptXDI provide online, on demand physical climate risk and adaptation analysis for a single asset.

With a simple 'specify and search' interface, an EasyXDI user can obtain risk analysis results within minutes and purchase the report with a credit card.

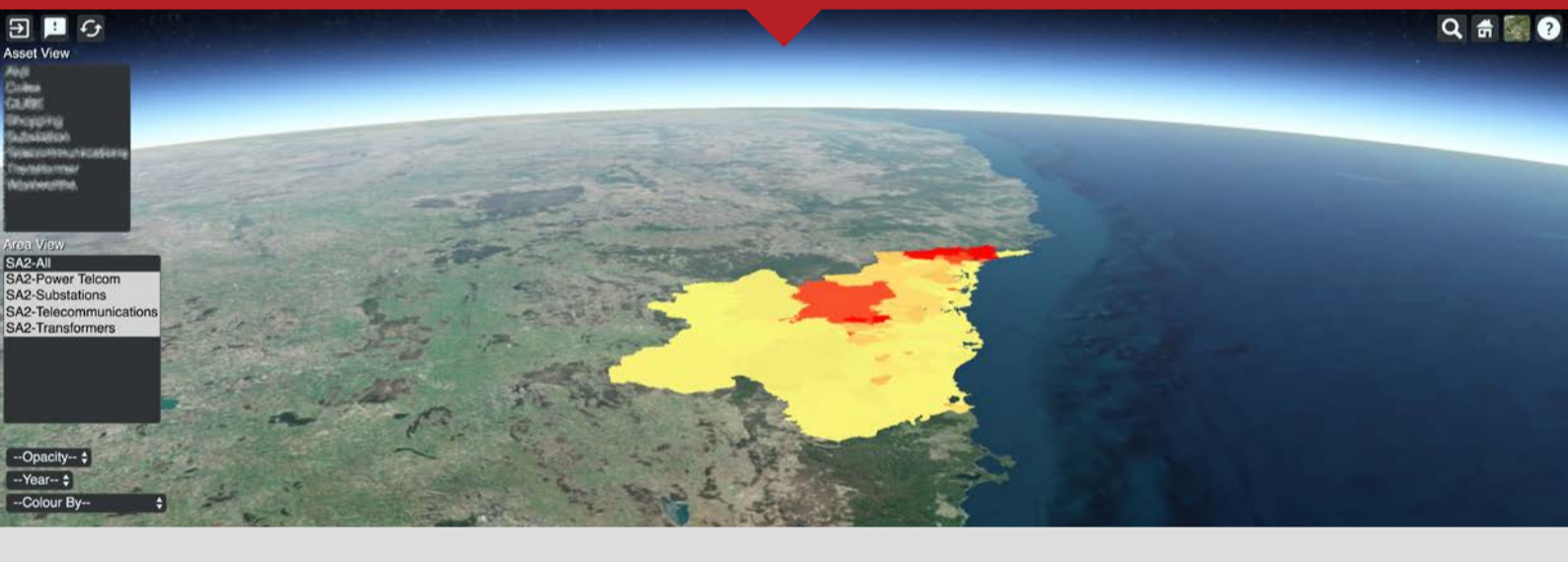
AdaptXDI opens up a deeper set of features which allow the user to customise the asset type in detail, and test adaptation options or pathways for maximum cost benefit.

- Database of 100 asset archetypes covering energy, water, transport, telecoms, commercial property and more
- Hazards analysed: forest fire, coastal inundation, flooding, soil subsidence, extreme wind, extreme heat, freeze thaw
- Asset level vulnerability diagnostics and failure modes
- Breakdown of impacts per hazard over time
- Customise asset features and re-run analysis to trial adaptation options
- Develop an optimal adaptation pathway using Cost Benefit Analysis and Net Present Value

## MULTIPLE ASSET ANALYSIS

### XDI GLOBE

ALL YOUR PHYSICAL CLIMATE RISK DATA IN ONE PLACE



XDI Globe is a dynamic visualisation tool for analysis results on all of your assets, be it address, company or portfolio level, across the suburb, country or world.

XDI Globe shows you what you need to know about physical climate risk to your assets and visualises your supply chain risk from upstream critical infrastructure including power, water and access. Analysis results can be aggregated in heat maps for different KPIs, hazards and time points.

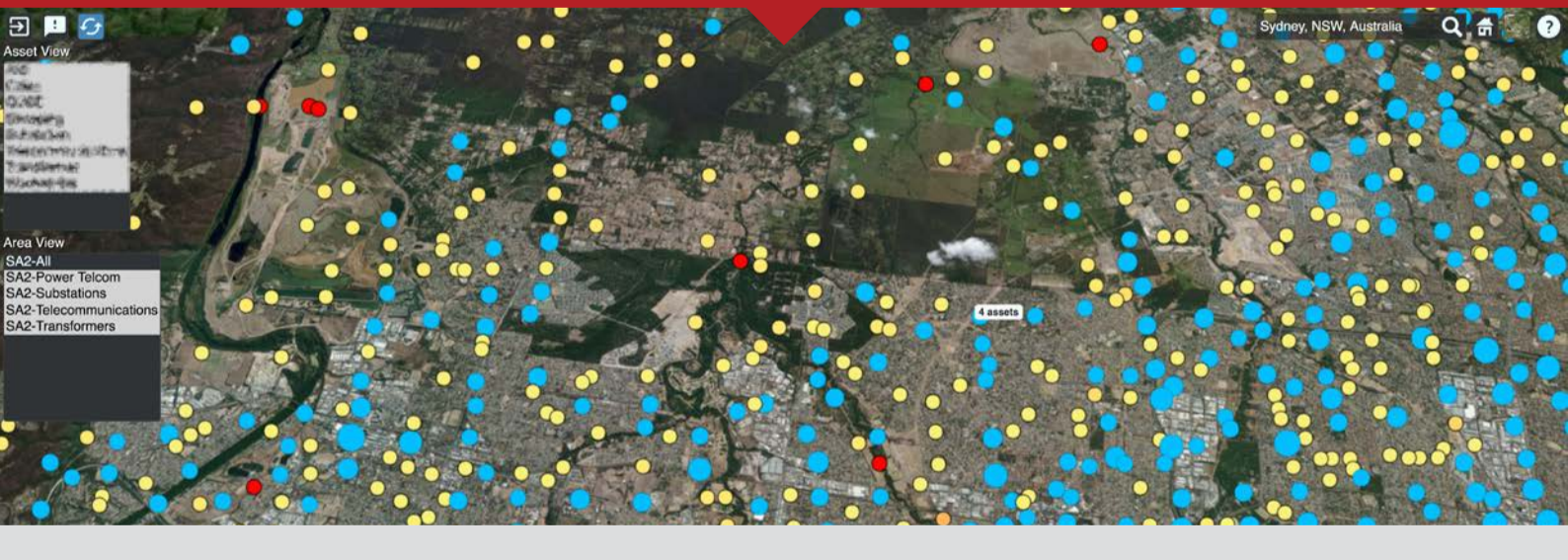
XDI Globe can operate alongside a company's existing intelligence and decision-making systems. The 'drive through' design helps users explore and familiarize themselves with their data and makes XDI Globe a great ally in presentations.

- Hosts all your physical climate risk data for ease of reference and presentation
- See high risk areas at a glance
- Visualise your supply chain risk from critical infrastructure failure
- Identify relative impacts of each hazard
- View different times slices
- Interrogate individual assets for risk cost over time
- Compare the same results through Asset View or Area View
- Can accommodate climate model downscaling and hazard layers specific to your region
- A demonstration video can be found at [xdi.systems/our-products/xdi-globe](http://xdi.systems/our-products/xdi-globe)

## MULTIPLE ASSET ANALYSIS

### CROSS DEPENDENCY ECOSYSTEM

MULTIPLE ASSETS / MULTIPLE STAKEHOLDERS / ONE INTERFACE



The Cross Dependent Ecosystem (XDE) is a secure, virtual landscape that maps entire systems of critical infrastructure and dependent assets in order to quantify integrated risk.

Bringing together Government, asset owners, service providers and critical infrastructure organisations, XDE enables comprehensive climate resilience management for all participants.

When shared risk is identified, opportunities for collaborative adaptation can be investigated. This holistic approach enables the best allocation of resources to build resilience into the systems that support society and economy.

XDE has been implemented in major projects at state and province level in Australia and Canada. These projects house information on hundreds of thousands of assets from the roads, transport, water, health infrastructure and power sectors. In 2019, the XDE developed for metropolitan Sydney was recognised by the German Ministry for Environment with a Better Together Award, celebrating collaboration in climate action.

- Houses data on multiple assets owned by Government, utilities, and private companies
- Identifies shared risk and provides a basis for collaborative adaptation across sectors
- Data sharing agreements protect data and provide confidentiality
- Suitable for land use planning
- A 'Network effect' for physical risk and supply chain risk; each new stakeholder increases the value of the network for all members
- Currently being implemented in four major state/province level projects in Australia and Canada including assets from roads, transport, telecommunications, water, and health infrastructure

XDI Platform provides the most detailed physical climate risk analysis available.

For further information on reporting and data outputs, see XDI's Product specifications sheet or reach out to us on [info@xdi.systems](mailto:info@xdi.systems)

