RAMBOLL

CLIMATE RISK HEALTH CHECK

ON YOUR DESKTOP

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THE NEW STANDARD

The World Economic Forum rated failure of climate change adaptation and mitigation as the most impactful risk to the global economy over the next decade. Now, financial services companies such as Standard & Poor's and Moody's factor climate risk into credit rating assessments, and regulators, industry groups and investors are sending clear signals to businesses that they expect climate risk to be acknowledged and addressed.

The challenge: How do you understand, assess and report on the climate risk to your organisation and assets?

The solution: Climate Risk Health Check (CRHC)

Our innovative platform provides organisations with a screening tool to assess climate risk to their projects, facilities, operations, assets and supply chains. Delivered in an interactive web-based IT platform, the tool collates climate and asset data for a single project or across your organisation and supply chain into a climate risk assessment.

One platform: All relevant information

- 1. Site/asset climate risk assessments, tailored to infrastructure type
- 2. Relevant, point-based climate data from downscaled global climate projections
- 3. Scorecards, action plans and dashboards to manage assets and portfolios
- 4. Integrates with financial projections comparing "do nothing" and climate adaptation scenario



Customise and tailor to your organisation and needs

- Streamline assessments through customisable assessment modules
- Fully customisable to your assets (buildings, water, energy, transport, ports, airports, roads, mass transport, etc.)



Map global climate data for the regions in which you operate

- Map climate data to assess climate exposure for your assets
- Incorporates historical and predictive climate forecasts - unique
- Allows fast prioritisation of asset risk to climatic events



Collate project, asset and operations

- Establish key asset information and data sets
- Standardisation allows comparability of risks among projects/assets



Check global dashboard of real-time climate information

- Capture real-time climate hazard information from selected sources (e.g. cyclones)
- Global applicability data and assessments



Centralised assessment data and results

- Capture and upload key data on all your assets and suppliers assessments in a single database
- Develop a "one touch" climate vulnerability and adaptation action plan for your assets



Aggregate to 'one source of truth'

- Collate asset climate risk health checks from disparate silos into one online location
- Increase climate risk data accessibility, security and transparency
- Scorecards



Report and evaluate asset vulnerability

- View and track asset vulnerability
- Compare portfolios and geographies
- Identify "hotspots" of vulnerable assets or asset types
- Validate data for completeness and accuracy
- On-the-fly modelling and assessments



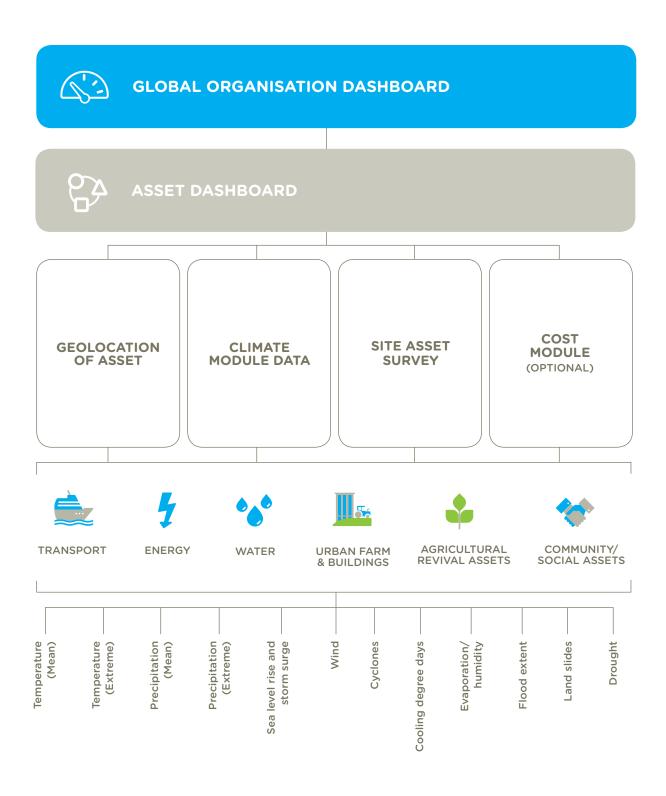
Communicate and disclose climate risk results

- Automate customised reporting templates for annual reporting (e.g. Carbon Disclosure Project)
- Easy capture and export of asset, climate and climate risk health check data



CRHC ARCHITECTURE

Integrated suite of data on four distinct analytical engines.



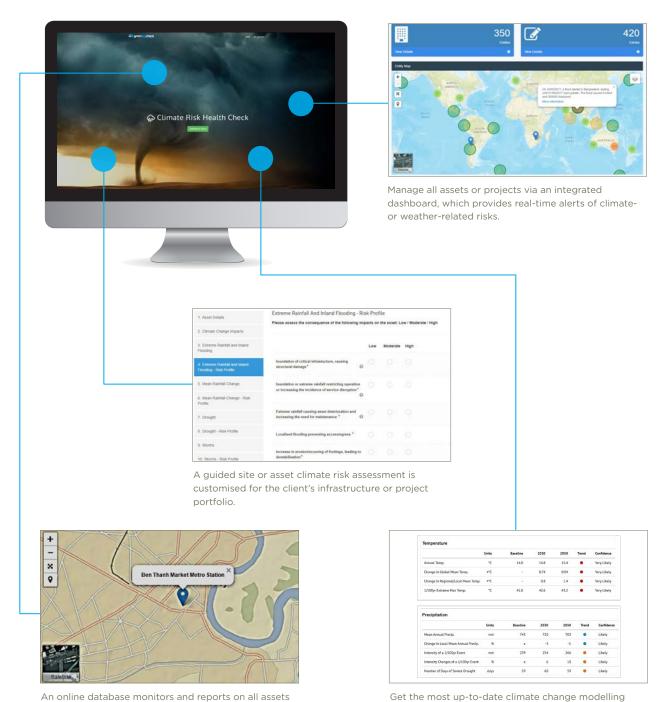


AN INTUITIVE AND RESPONSIVE USER INTERFACE

CRHC uses the latest technology to support a highly intuitive interface including:

- Single sign-on to maximise accessibility for internal users
- User-specific customisation of viewable data
- Map climate data to assess climate exposure for your assets

FEATURES



results for any location around the world – temperature, precipitation, flood extent, wind, cyclones, extreme event return periods (temperature and precipitation), cooling degree days, and evaporation/humidity.



within a portfolio (can be used for CDP, C40 reporting).

CRHC AT WORK



The CRHC platform has been used for a wide range of global clients, including Shell, which used the tool to assess the risk of sea level rise to its key assets.



National and multi-national companies also use the same web-based platform, developed by our partner GreenBizCheck, that supports CRHC.



Ramboll projects for which CRHC has been utilised include cloudburst resiliency planning for numerous large cities; evaluation of climate risk to mine closure plans and development of climate resilience measures; supply-chain climate risk management; and evaluation of climate risk for ports and developers.

REQUEST A DEMO

Get in touch to schedule a demo of CRHC and discuss how the tool could work for you.

CONTACT

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