

Climate transition planning

Navigate complexity and uncertainty to
make better climate transition decisions



NAVIGATING CLIMATE REGULATIONS IN AUSTRALIA

Understand risk and opportunity, engage stakeholders, and meet regulations with confidence.

Today, the effects of climate change can be seen all around us. And as global warming intensifies, it will continue to impact people, economies, and your capacity to conduct business. The sooner you start to prepare for this future, the better you'll be able to succeed in it – and be transparent about your actions. This is particularly important now. New legislation means that Australian businesses must share the financial impacts of material climate risks over the short, medium, and long term.

At Royal HaskoningDHV, we provide business strategy, economic assessments, climate expertise, and the tools, data, and modelling needed to help you understand your climate context, risks, and opportunities. With this understanding, you can define your ambitions for the future, pursue the right investments, and deliver the transparent market disclosures that win stakeholder support.

Our methodology will see you go beyond compliance and take a performance-focused approach to climate transition – one that places the transition to a resilient, low-carbon future at the heart of your business strategy. Wherever you are in your climate journey, we will help you to understand your needs and design and deliver the solutions to meet them with confidence.



OUR THREE-STEP APPROACH



Listen

We work with you to understand what you already have in place, what you want to solve, and how you want to work. Our experts will consider your readiness, project governance, team formation, existing work, framework selection, and known critical success factors. And we can provide vital information for key stakeholders.



Design

We'll shape a bespoke approach to help realise your goals in your timeframe. Our work is anchored in legislative and regulatory frameworks, current science, sector pathways, and stakeholder expectations. With our collaborative design methodology, climate expertise, and proven tools, we can help you design an approach that will deliver the right results at the right time.

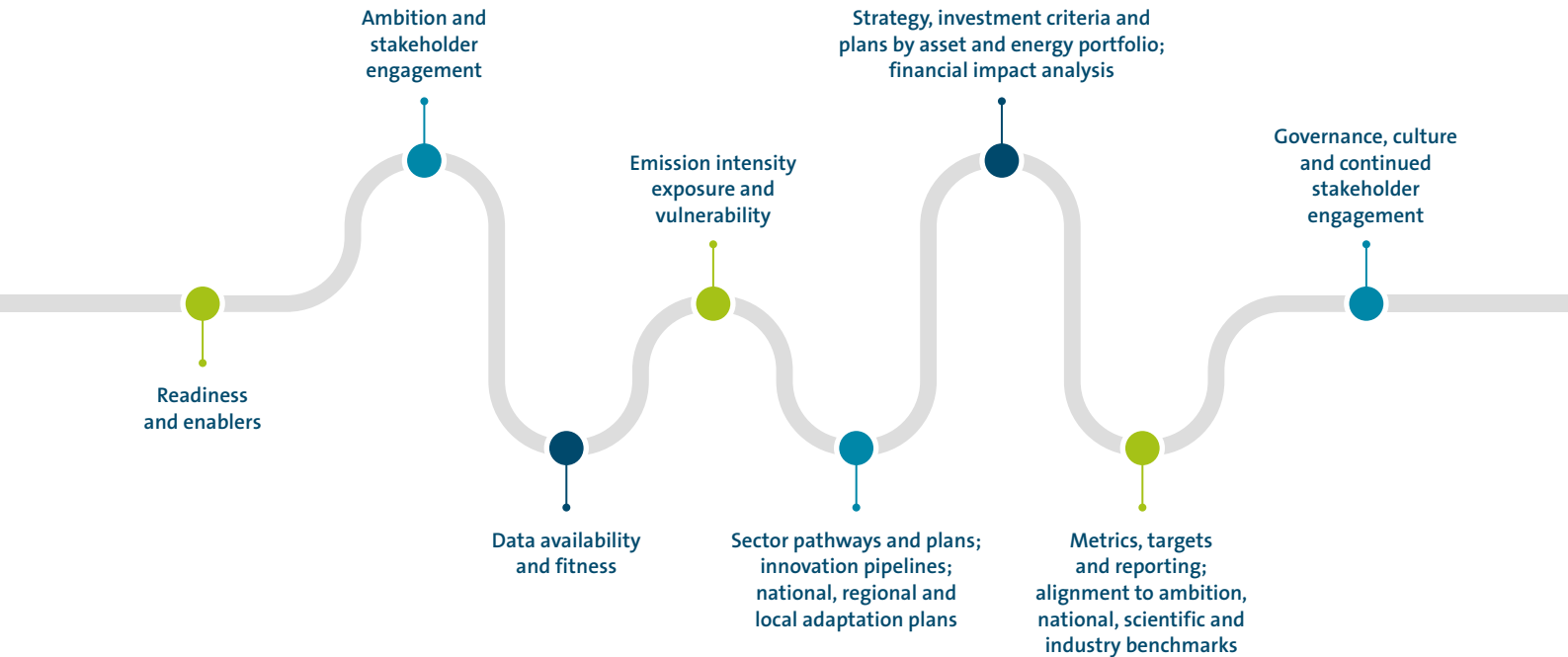


Deliver

Once we agree an approach, we'll work alongside your teams to deliver on its promise. This includes engaging with working parties, boards, C-Suite executives, stakeholders, and third-party suppliers to leverage existing work and expertise. Together, we can focus on building ownership and capability across your organisation.



AN END-TO-END PARTNER FOR YOUR CLIMATE RESILIENCE JOURNEY



Our work begins with an assessment of your readiness and maturity, which considers your business ambitions and stakeholder engagement. We'll look at the data and tools you already have and provide alternatives where needed. We'll then get into the detail of your emission intensity, likely climate scenarios, and your exposure and vulnerability to physical climate and transition risks. With this information we can explore various opportunities using sector- and region-specific pathways and plans, and internal and external innovation pipelines. We'll work with your business leaders to determine materiality and plot risks and opportunities that are matched to metrics and science-based targets to inform business strategy, governance frameworks, and risk disclosure.



THE INSIGHTS THAT HELP YOU DRIVE CHANGE

1 We know your stakeholders care based on our understanding of global research and market testing of investors, customers, employees, and suppliers. Using this knowledge, we can help you develop and deliver a proven climate transition stakeholder engagement plan

2 We know the internal and external enablers that contribute to your success. Understanding your enabling conditions means you can confidently set your climate ambition, position your leadership within your industry and locations, invest strategically in your value chains, navigating competition and uncertainty over time.

3 We plot physical and transition climate risk and opportunity and use global warming scenarios and socio-economic pathways to deepen your understanding and responses. Global warming scenarios help you assess risk in plausible alternate futures – for instance, whether governments and business meet their 1.5°C target, or fail to achieve current policy commitments. Socio-economic pathways help you consider how global agreements, policy frameworks, and technical and social trends impact your capacity to transition and secure ongoing business.

4 We use our unique, detailed climate data and user-friendly digital tools. We offer a multi-hazard climate risk analysis software to help you monitor, forecast, and alert stakeholders to the potential impacts of climate hazards. Our risk assessment toolkit provides historic, real-time, and predictive insights, giving you the evidence-based understanding you need to protect your people, assets, balance sheet, and operations. You can compare risk scenarios and solutions at individual sites or across thousands of locations worldwide.

These tools and our expertise help you assess the materiality of risk and opportunity to your business so you can effectively target your resources. Climate risk disclosures and climate transition planning are intended to address the most material parts of an entity's operations, value chain, or financed portfolio, accounting for plausible future scenarios that may impact your business and organisation.

5 We understand that the future is contested. Transition to a resilient, low-carbon future requires economic, technological, and social change across all sectors and regions. Our understanding of the interactions between different domains, and recognition that the competition for the future will be fierce, will help inform your climate transition strategy over multiple horizons.



We offer our services in collaboration with Susan McHattie, Strategic Advisor on strategy, governance and roadmaps.



OUR WORK IN ACTION



Assessing 50 years of physical risk for Peel Ports

Peel Ports Group is the second largest port group in the UK, handling more than 70 million tonnes of cargo each year. To understand the risk climate change poses to its port operations over the next 50 years, the group needed a partner with maritime, climate, and digital expertise. Working with Royal HaskoningDHV, Peel Ports was able to:

- Conduct a comprehensive assessment of its operations in the UK and Ireland to assess vulnerability to physical climate risks
- Analyse climate change scenarios for the next 50 years
- Use our climate datasets to determine the likelihood and impact of a full range of climate hazards
- Assess the financial impacts of flooding on port assets
- Prioritise specific adaptation actions for each location and estimate the capital investment required



Understanding climate risk for sustainable lending

ING, a global bank, needed to understand the physical risk climate change poses to its mortgage portfolio to deliver sustainable lending and compliant ESG reports. Using our risk-scoring capabilities, the bank assessed 99% of its residential mortgage portfolio across nine countries. It now has a stronger view on evolving climate threats to improve business planning and reporting efficiency.



International climate risk transparency delivered in hours for major steel manufacturer

A South American steel producer faced pressure from investors and regulators to report on risk exposure to climate change at 60 industrial facilities spanning eight countries. Using our auto-mated data platform, Climate Intelligence Suite, we generated the insights within hours – and we are able to provide a strong foundation to build climate resilience in the company's operations.

- Performed deep-dive studies into potential hazards across the continent
- Reported accurate climate and non-climate related risks to managers
- Reduced the time to generate climate insight from months to just hours



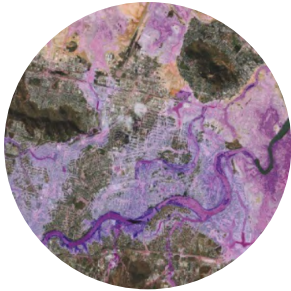
Community and values-led planning: Thames Coromandel, New Zealand

90% of the Coromandel Peninsula's population live along its 400km coastline. The area needed to build resilience against storm conditions and rising sea levels – which meant obtaining community buy-in for adaptation plans over a 100-year timeframe. Alongside risk modelling and assessment, we conducted a series of public events and coastal panels, listening to concerns and winning support for a future-facing strategy.

CLIMATE INTELLIGENCE SUITE

Our risk consulting, resilience, and sustainability solutions help you navigate climate risk complexity in an efficient and compliant way. Our climate data and modelling services are underpinned by our deep understanding of how climate affects processes, assets, and the built environment.

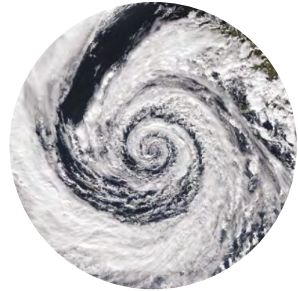
FloodMap Climate



FloodScore Climate



Cyclone Climate

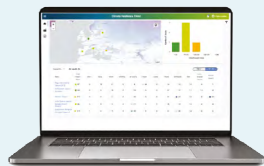


Suitable for a range of use cases



Portfolio scan

Explore what if scenarios.



Real-time decision making

Risk scores aid quick decisions.



Property level reporting

High resolution data.



Automated consumer reports

Right level of information presented.

Why trust us?

Leading Australian organisations and businesses rely on our climate data and modelling.



About Royal HaskoningDHV

Royal HaskoningDHV is an independent and employee-owned company dating from 1881 integrating engineering, design, consultancy, software and technology to deliver more added value for clients. Through our mission Enhancing Society Together, we take responsibility for having a positive impact on the world and contribute to UN Sustainable Development Goals. We constantly challenge ourselves and others to develop sustainable solutions to local and global issues related to the built environment and industry. Backed by the expertise of around 6,000 colleagues working from offices in more than 25 countries across the world, we are helping clients with challenges ranging from climate change and digital transformation to changing customer demands and the energy transition.

**Want to start addressing your climate risks?
We're ready to help.**

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