# DUMPARK

Data Visualisation and Information Design

## Selected Projects

Dumpark is a small agency with a passion for visualising and communicating data and complex information. We specialise in interactive data visualisations and data-driven web applications as well as static infographics and diagrams for digital and print. We also provide consulting and expert feedback.

Our expertise spans creative and technical domains, including UX/UI and web design, iconography and illustrations, data analysis and visualisation, geospatial analysis and cartography, and software development.

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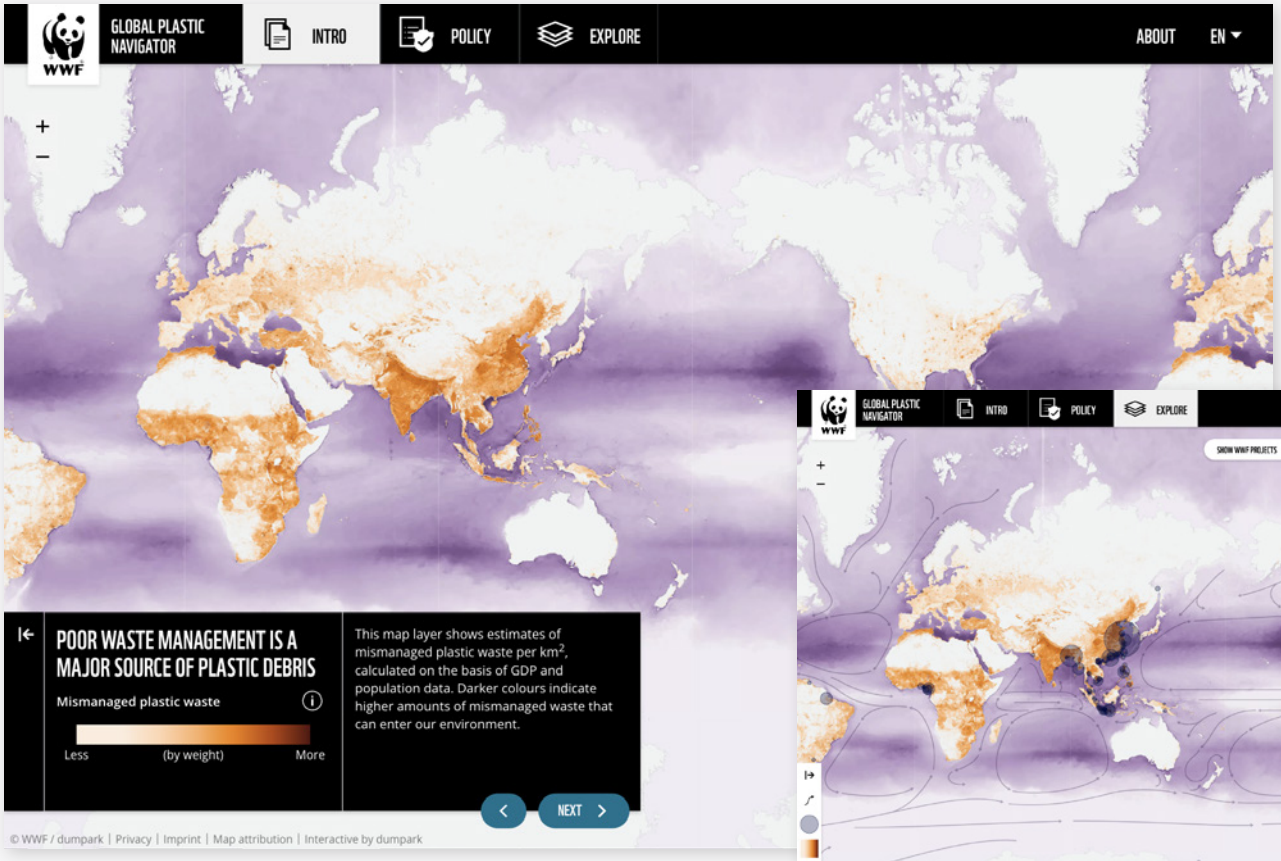
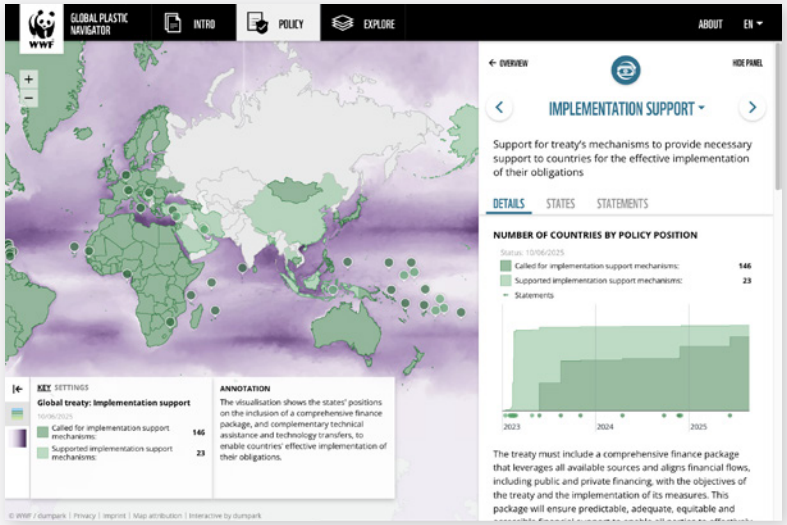






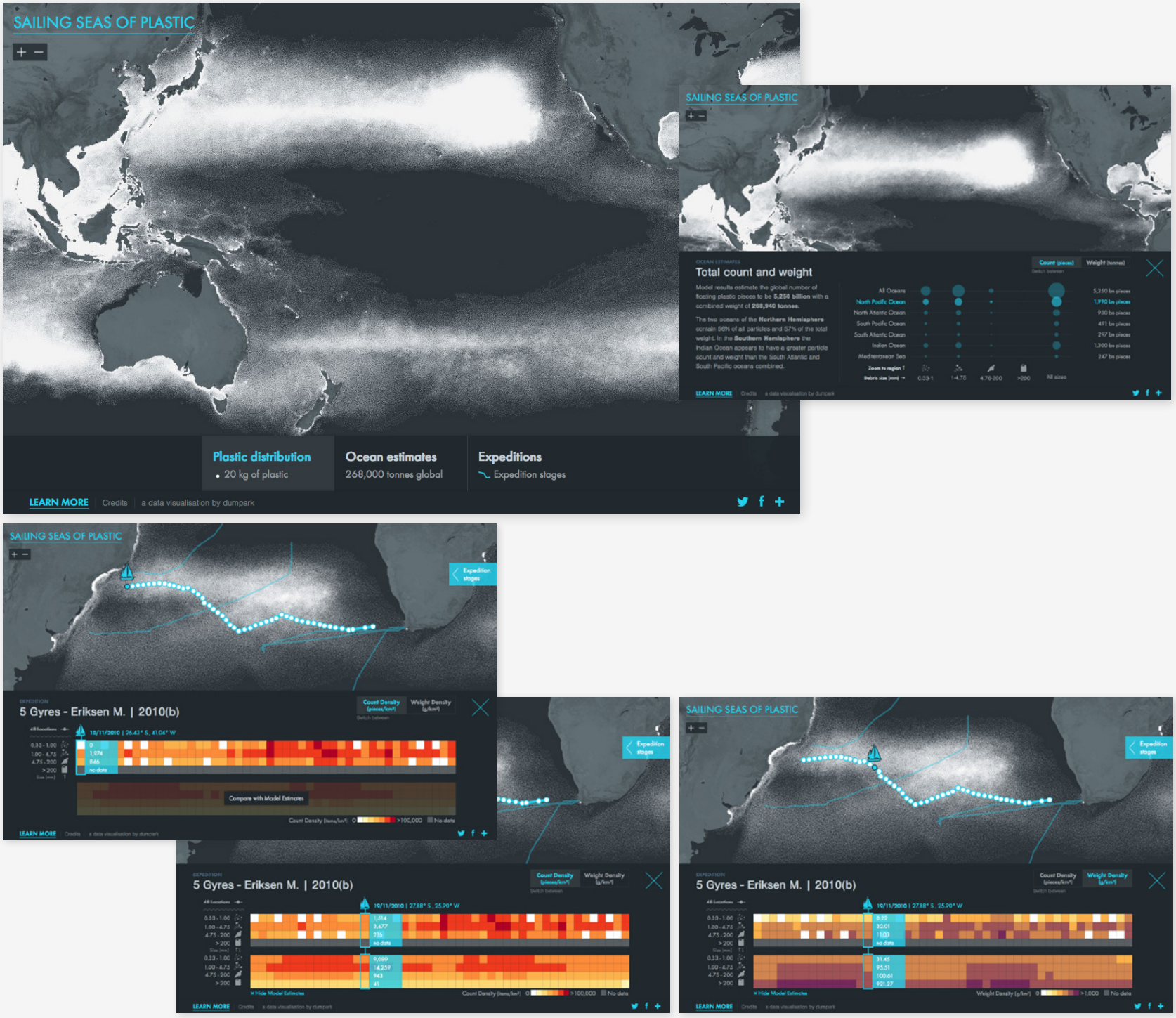



# Global Plastic Navigator

The Global Plastic Navigator is an interactive web application developed to highlight the global issue of marine plastic pollution by visualising some of the best publicly available research alongside key physical drivers. It also shows relevant WWF projects around the as well as the growing global support for a strong international treaty to end plastic pollution.

**Client**
WWF Germany

**Web**
Global Plastic Navigator

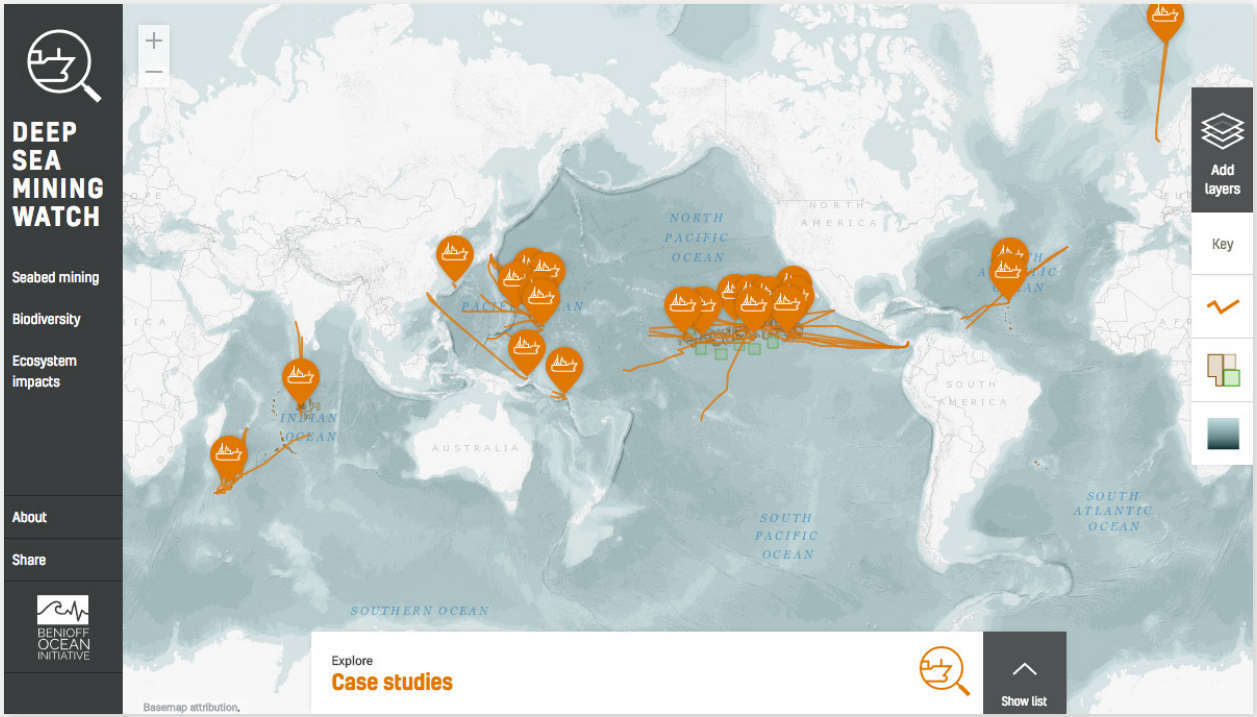


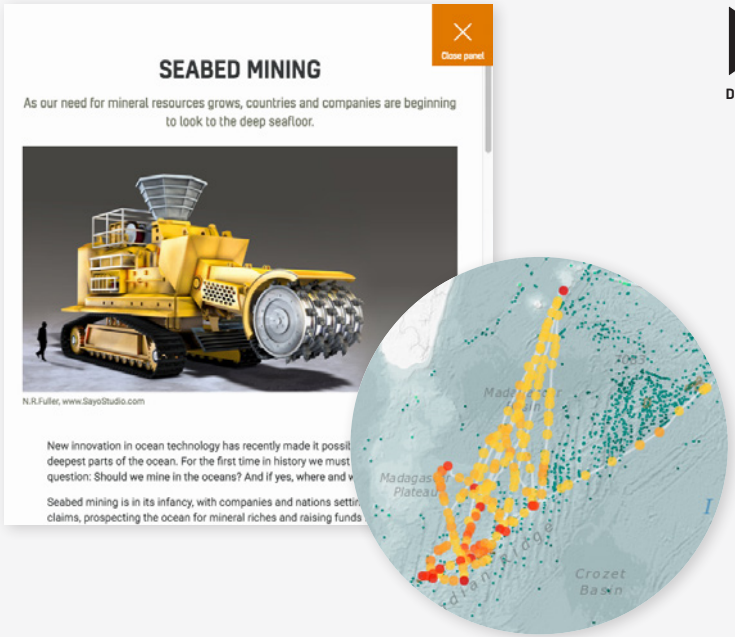

# Sailing Seas of Plastic

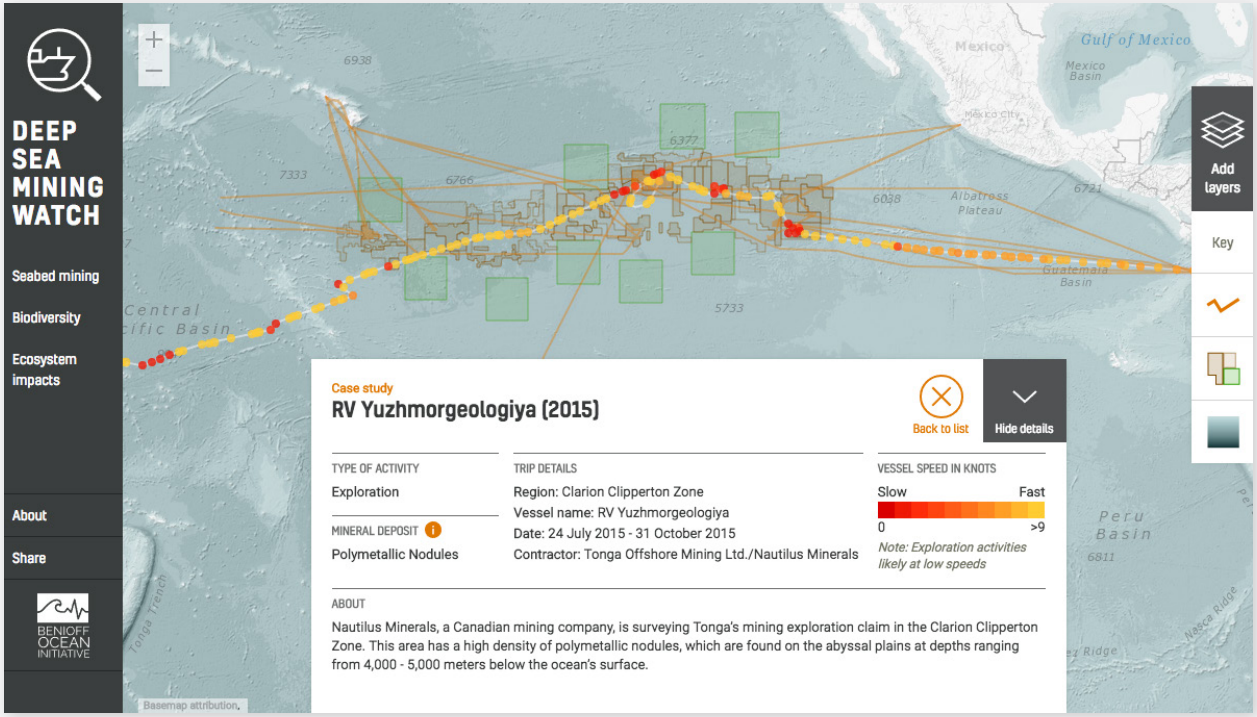
This interactive map visualises the estimated concentration of floating plastic debris in the world's oceans. The densities are computed with a numerical model calibrated against a series of field data collected from the five main Oceans and the Mediterranean Sea. The website shows the various expeditions of the sail vessels participating in the data collection effort from 2007 to 2013, and allows the exploration of all plastic concentrations measured using surface net tows and visual sightings.

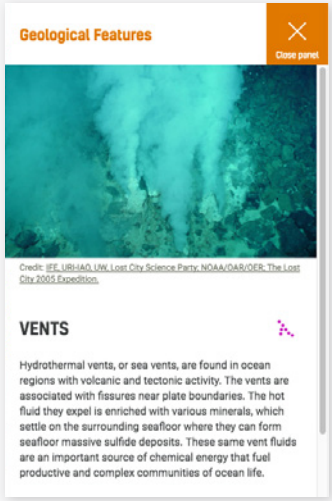
**Client**
Self-comissioned

**Web**
Sailing Seas of Plastic

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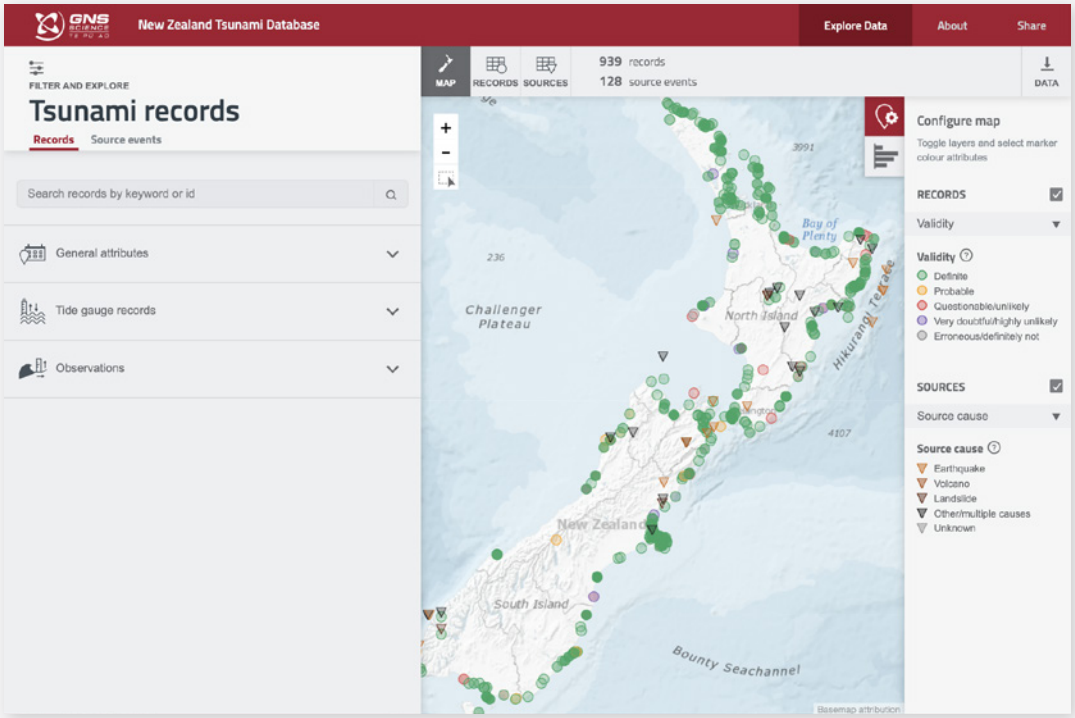
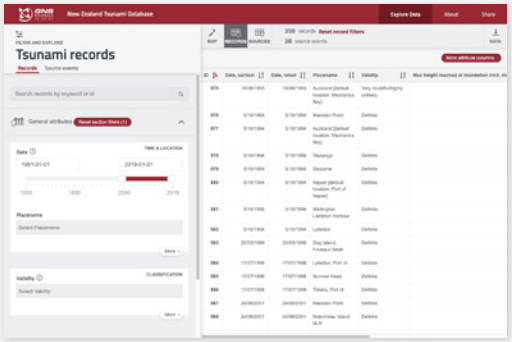
# Deep Sea Mining Watch

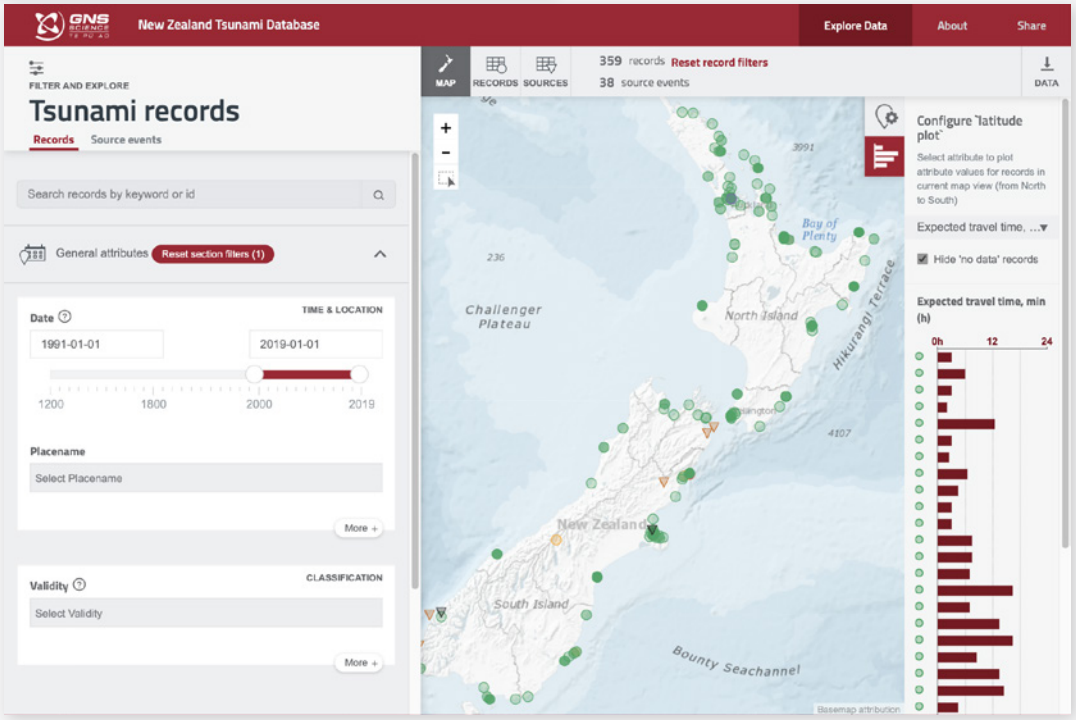
The interactive map allows the public to watch over seabed mining activities in our oceans. In addition to existing claims for mining exploration granted by the international seabed authority, the application shows recent seabed mining activities by corporations and governments by visualising movements of research vessels believed to prospect the oceans seabeds for minerals. Researchers of the McCauley Laboratory identified these prospecting expeditions by analysing publicly available GPS data.

**Client**
McCauley Laboratory

**Web**
Deep Sea MIning Watch






# New Zealand Tsunami Database

An interactive map visualising scientific records of tsunami events affecting the shores of New Zealand, enabling users to search the database by location, date and a variety of relevant parameters.

**Client**
GNS

**Web**
New Zealand Tsunami Database

# WHAT WOULD AN OIL SPILL IN THE BEAUFORT SEA LOOK LIKE?

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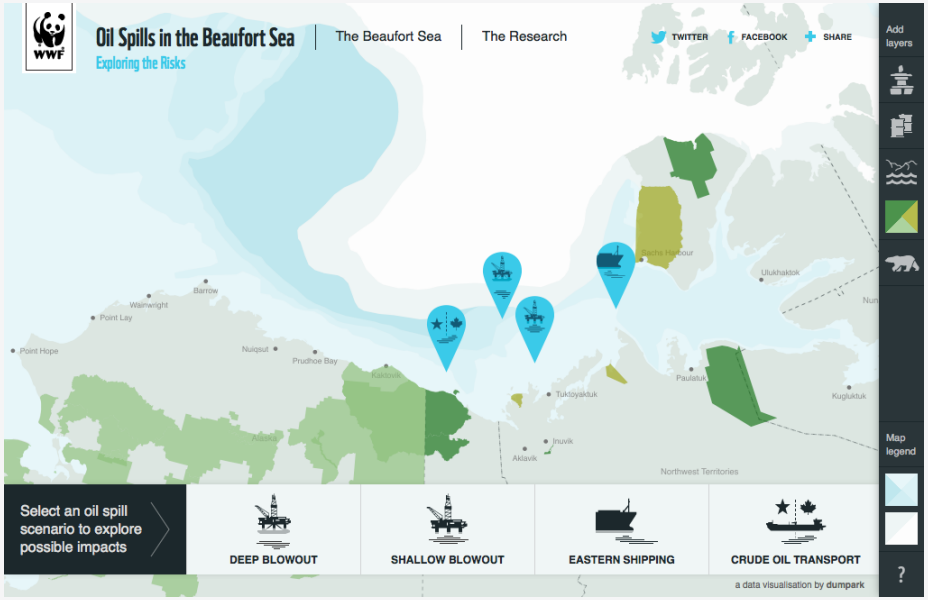
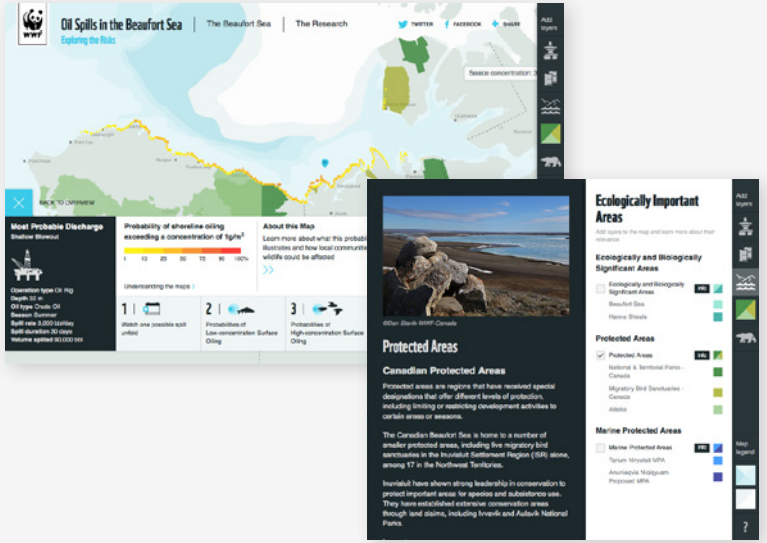
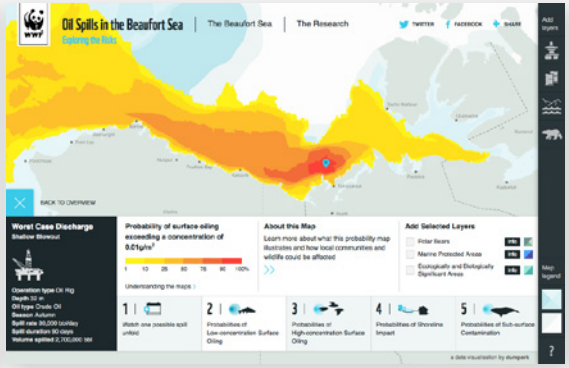
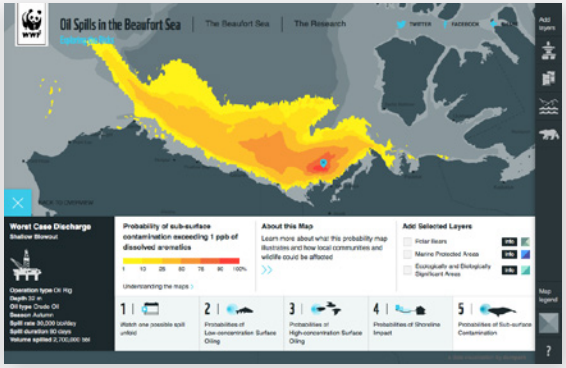






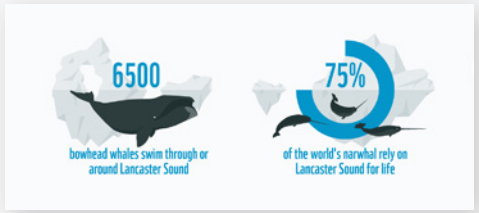



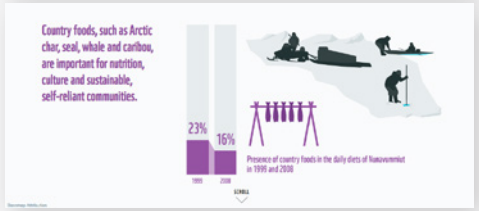

## Beaufort Sea oil spill map

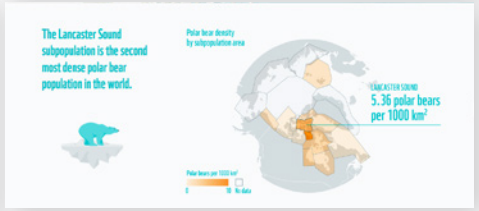
In order to help Canadians and Arctic communities understand the scale and nature of the risks of oil spills in the Beaufort Sea and inform critical ocean management and planning, WWF Canada has commissioned a scientific study that models how different types of oil spills would spread in the Beaufort Sea, and how the spills would overlap with significant areas. For a selection of these spill scenarios we were asked to produce this interactive visualisation that allows to assess the impact a possible oil spill may have on the socio-economic and environmental resources at risk.

**Client**
WWF Canada

**Web**
Arctic Spills

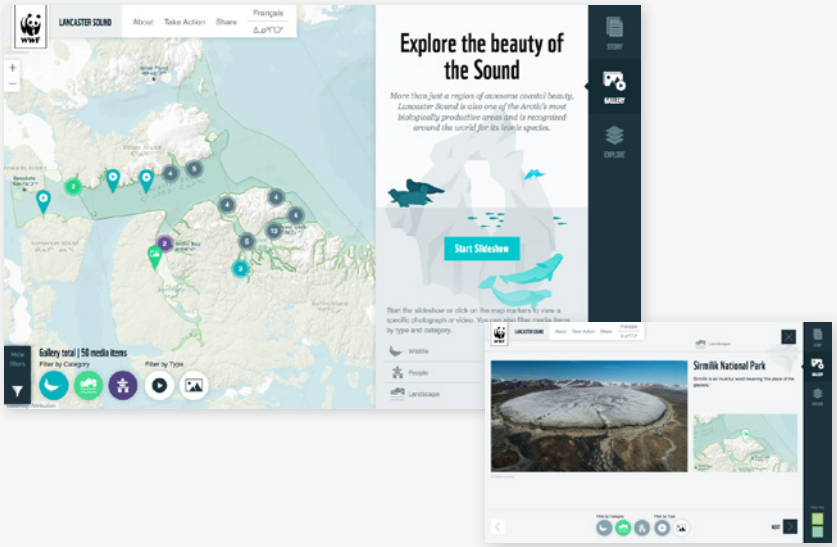



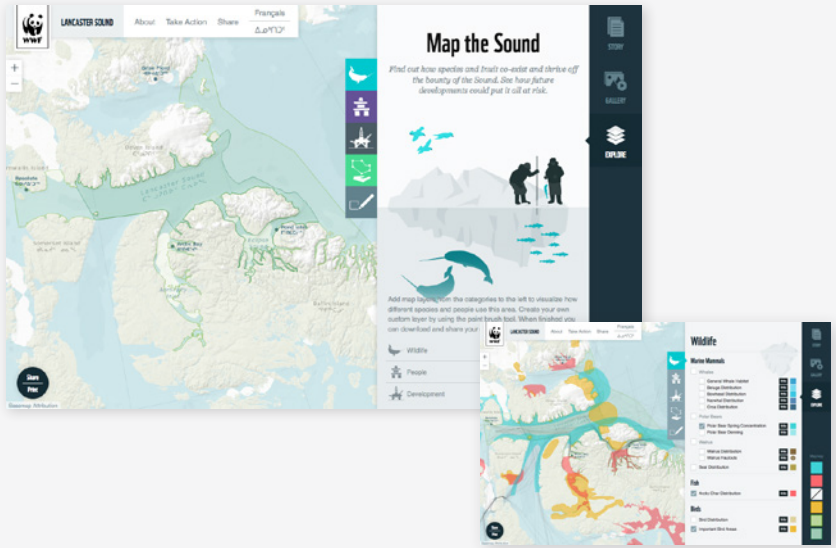









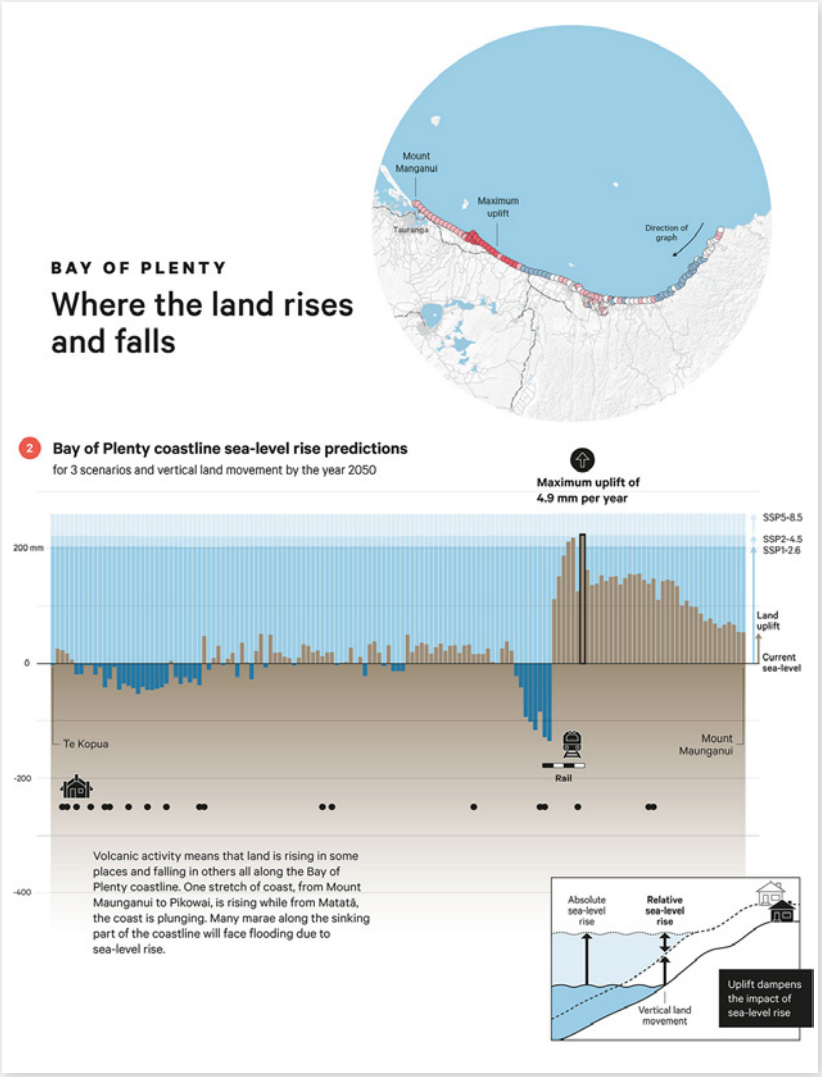



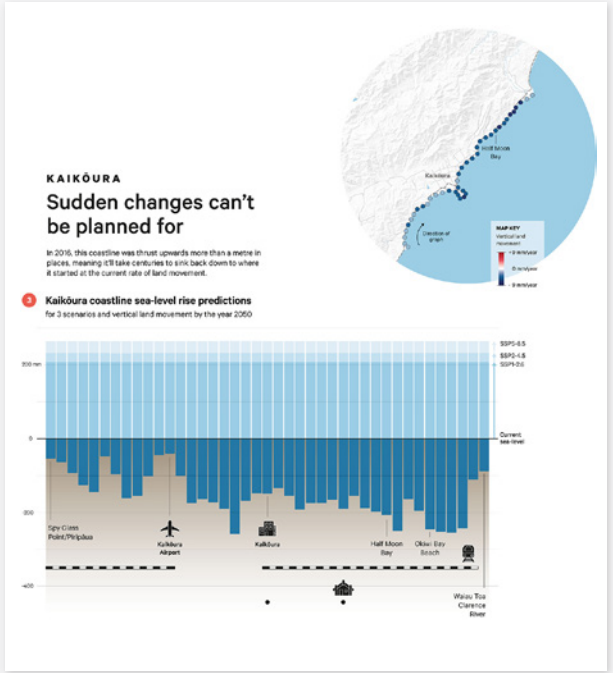

# Lancaster Sound

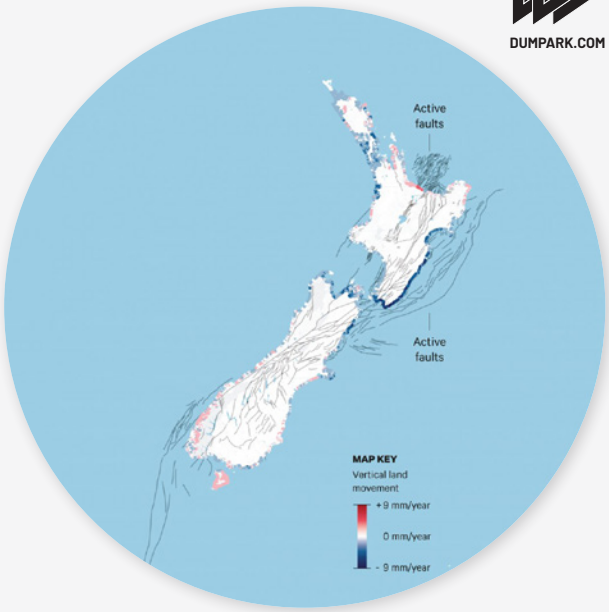
The Lancaster Sound interactive map was created to raise awareness about this integral part of the arctic which is home to the Inuit and a variety of wildlife. It informs about the different uses and challenges the area is facing and shows the different proposals for establishing a National Marine Conservation Area. To increase its impact all content has been made available in English, French and Inuktitut.
The site is provides a guided introduction to the region and its key challenges with supporting infographics, a gallery illustrating the unique landscape, people and wildlife, as well as an exploratory map to visualise relevant data.

**Client**
WWF Canada

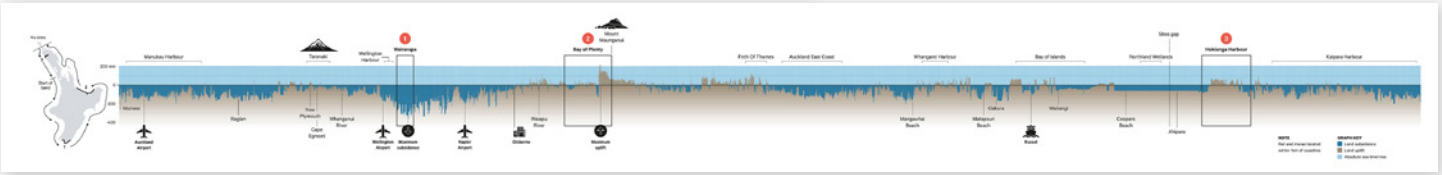
**Web**
Lancaster Sound

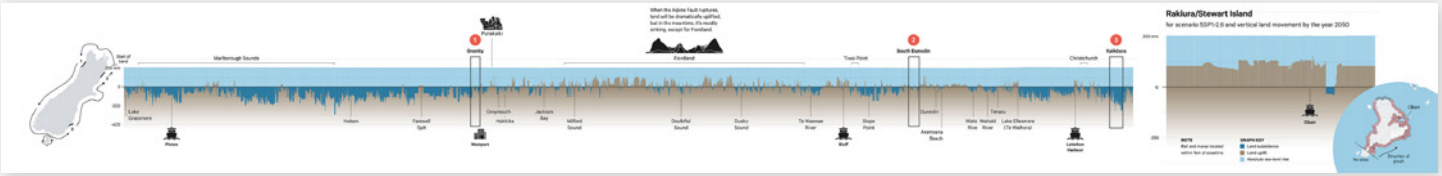






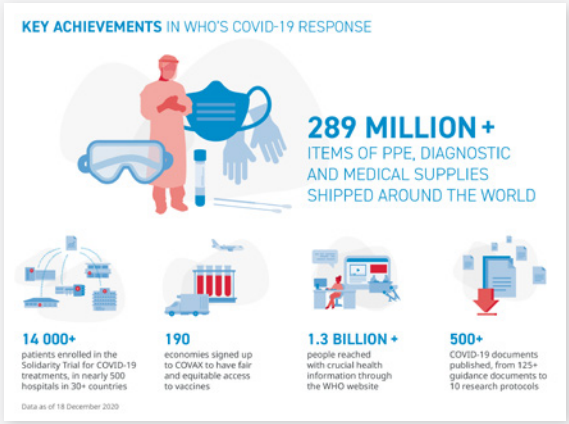


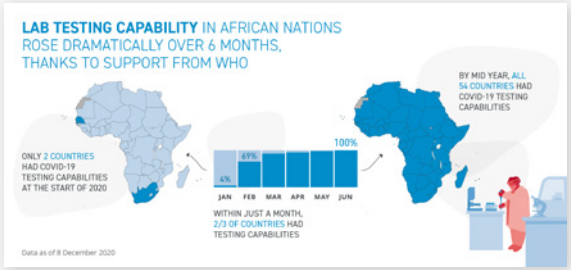

# Sea-level rise projections for New Zealand

For the article "A map of the future", we produced a range of maps, charts and diagrams to illustrate the predicted combined effect of sea-level rise and vertical land movement. While land subsidence will accelerate sea level rise in most modelled locations, uplift will dampen the effects in some.

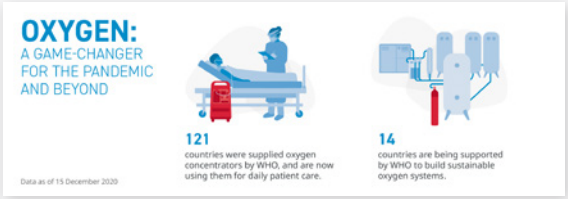
**Client**

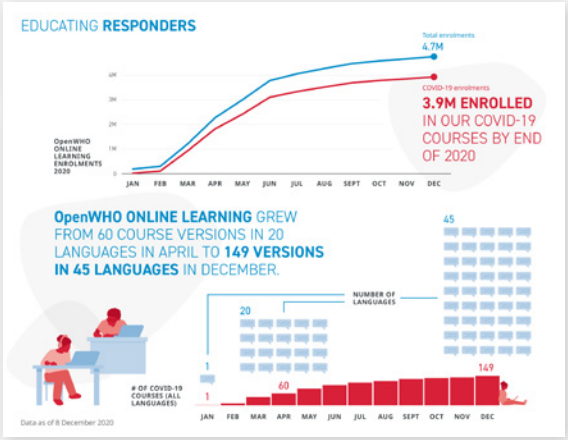
New Zealand Geographic

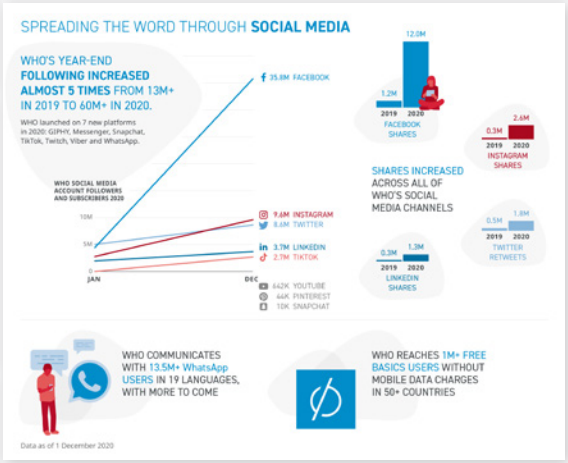



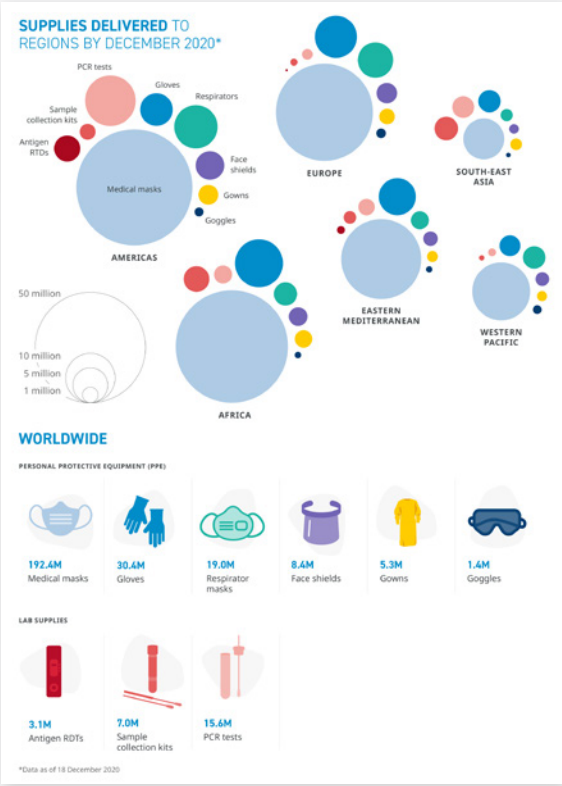



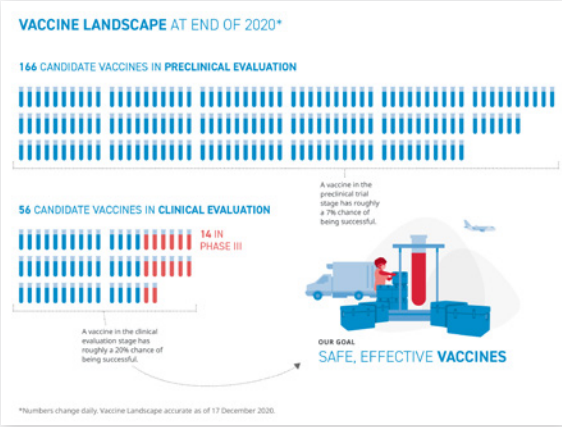


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# WHO's COVID-19 response

A series of static infographics to help communicate the different aspects of the WHOs COVID-19 response. For this feature, produced by The Spinoff, we created most visuals including graphs, charts, maps and illustrations. Our work also included the collection, review and analysis of the data to create the base for the storyline.

**Client**
The Spinoff/WHO

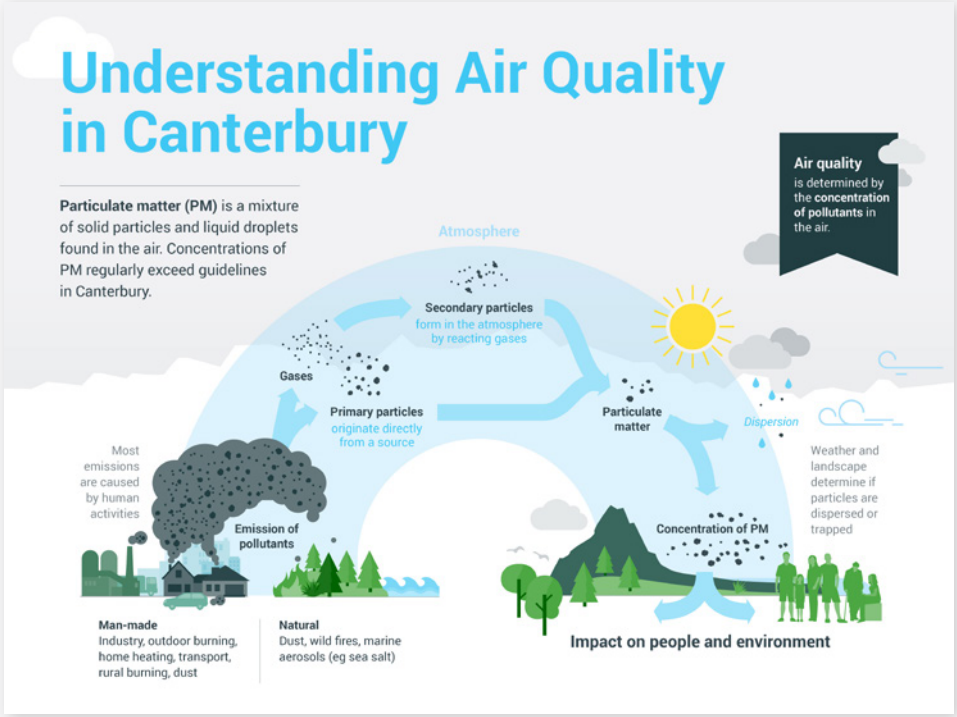
**Web**
WHO's COVID-19 response

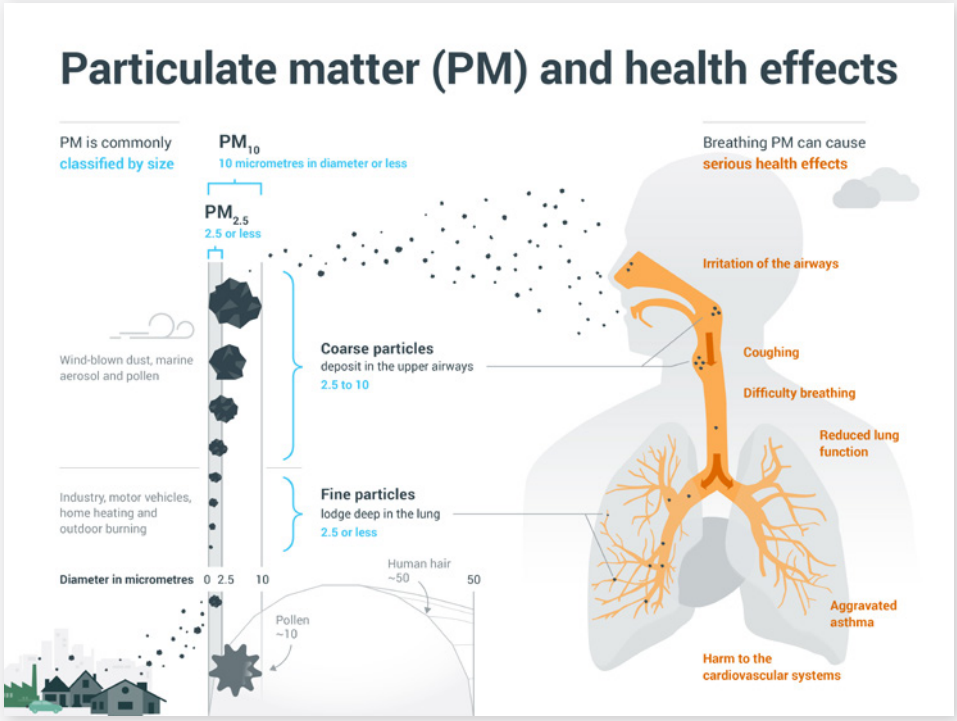


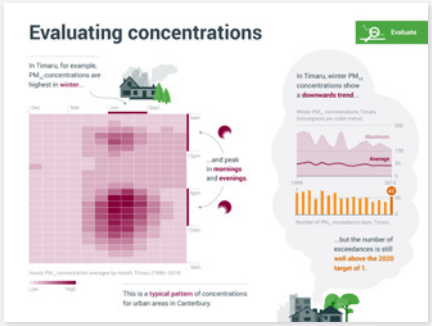
## Greenpeace magazin

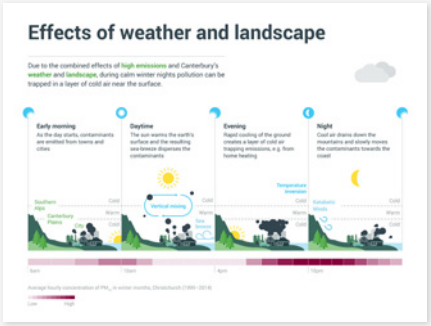
For the December 2021 issue on children of the Greenpeace Magazin (Germany) we created a series of maps, charts and icons, visualising and illustrating relevant statistics and facts on the topics Environment & Health and Education & Human Rights.

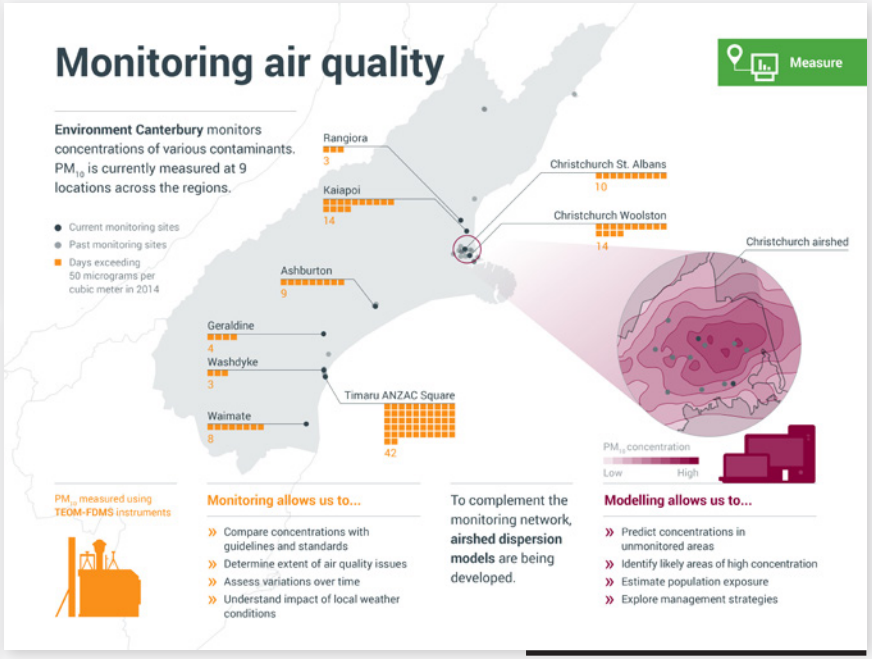
**Client**
Greenpeace Media GmbH



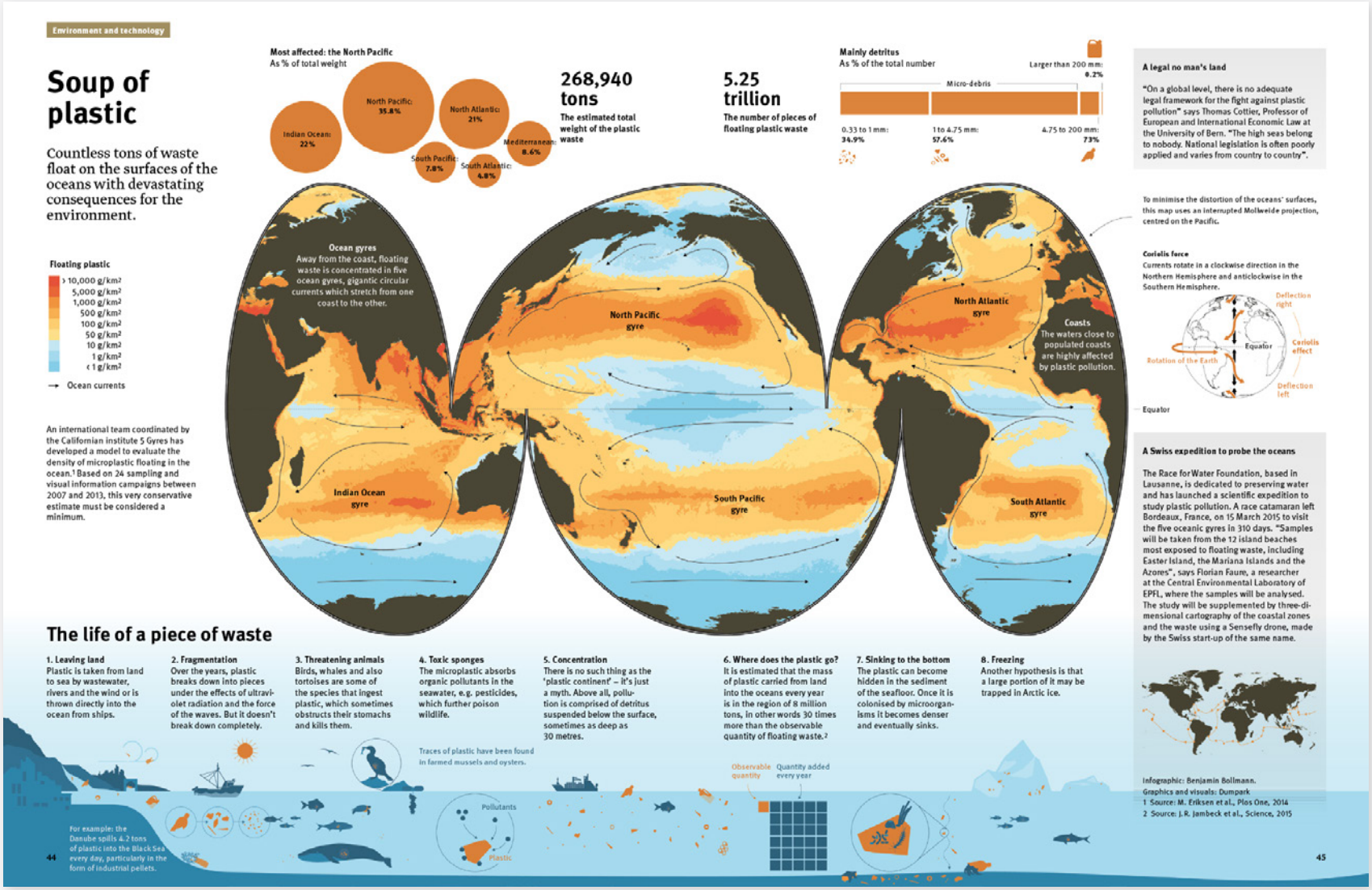



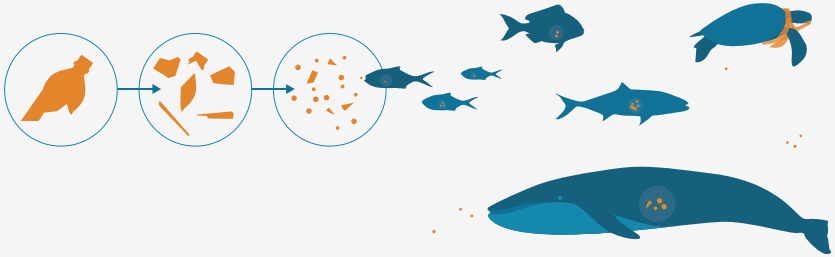




# Understanding Air Quality in Canterbury

We created a modular infographic to accompany the release of Environment Canterbury's revised Air Plan.

**Client**
Environment Canterbury

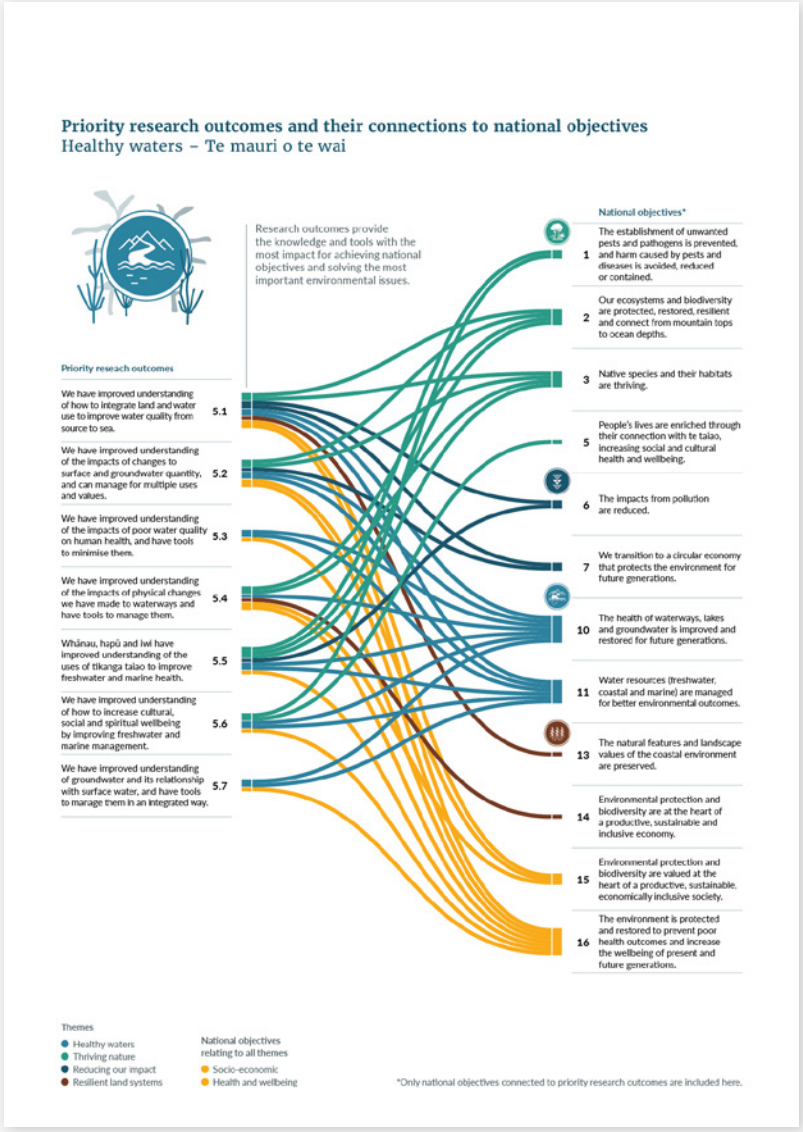


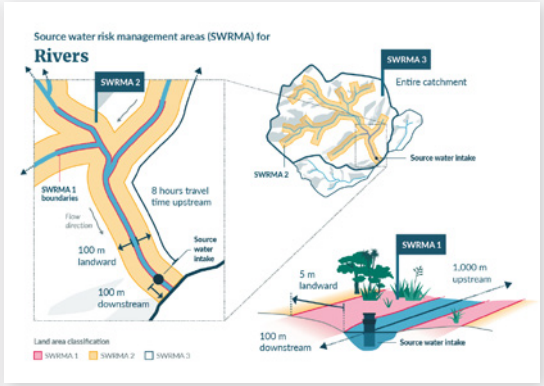



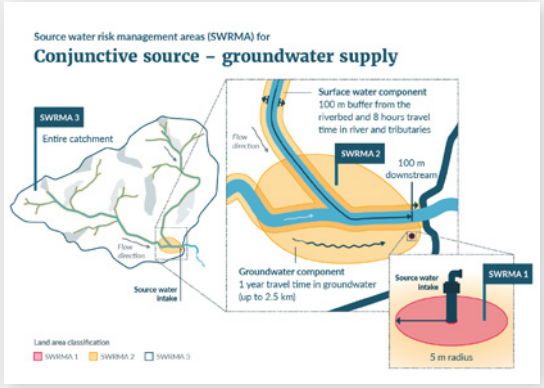
# Soup of plastic

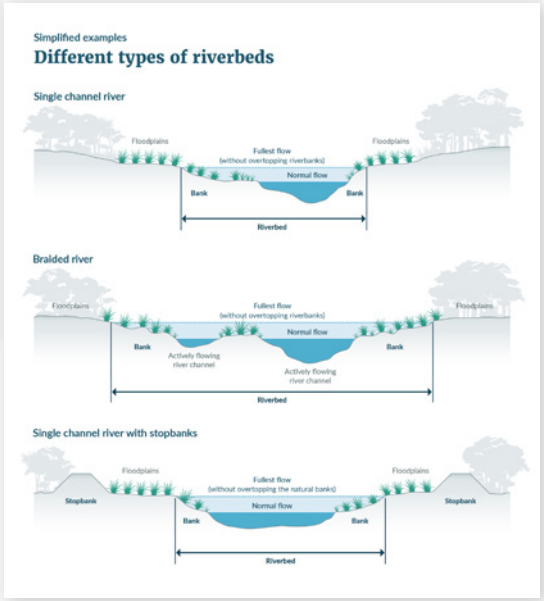
This infographic was developed in partnership with Benjamin Bollmann for the Swiss National Science Foundations research magazine Horizons and and was released in English, German and French.

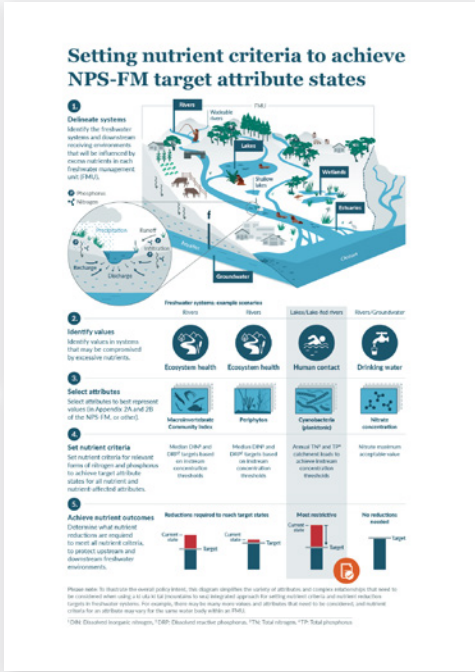
**Client**
Benjamin Bollmann /Swiss National Science Foundation





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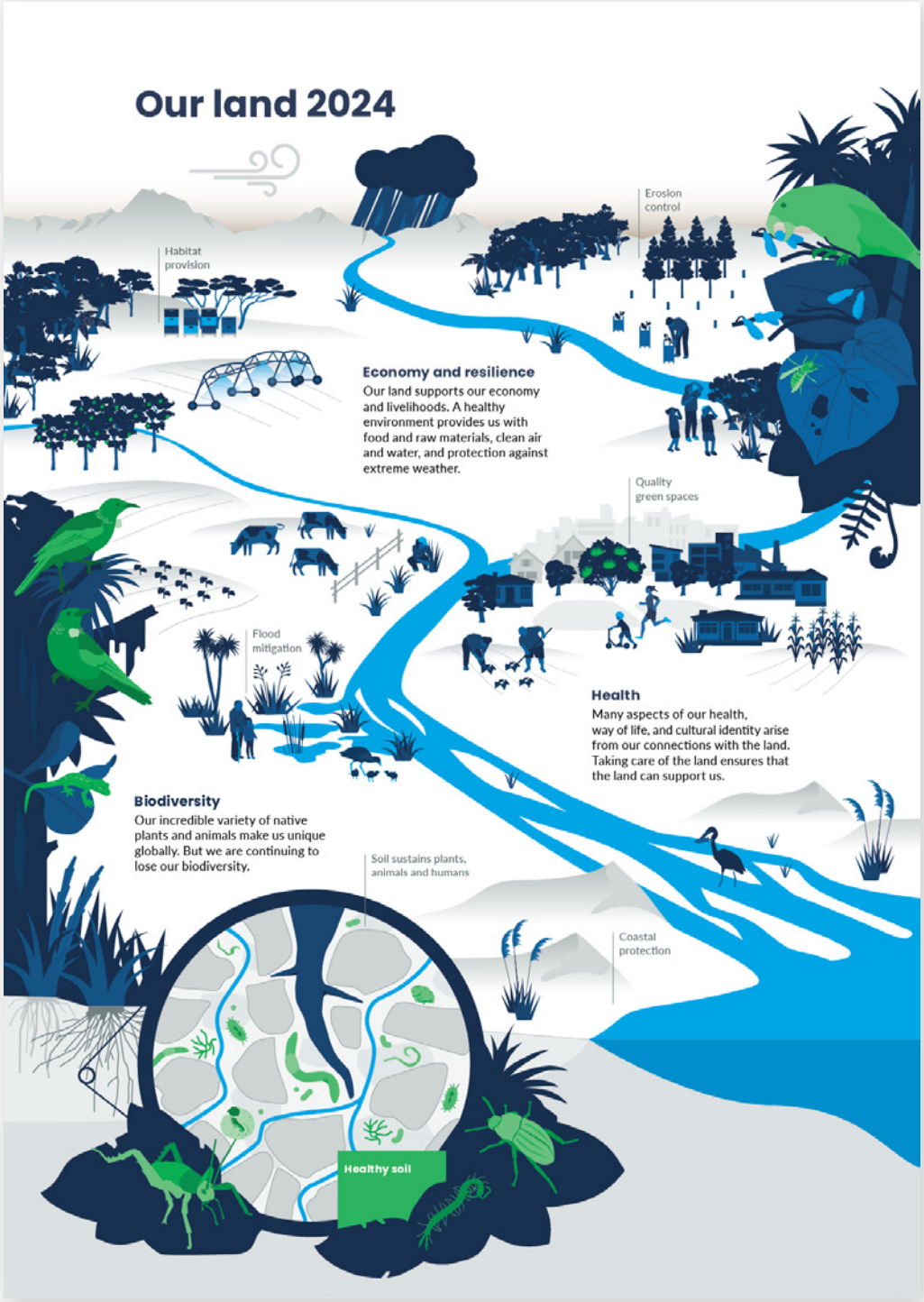
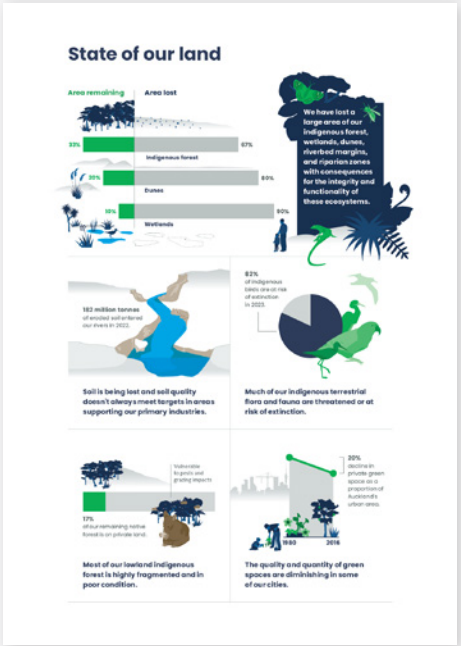
# A variety of infographcis

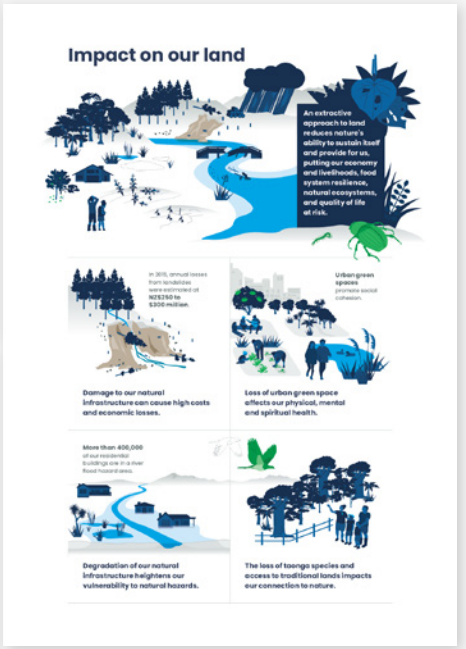
We created a variety of explanatory graphics for guidance and consultation publications released by the Ministry for the Environment.

**Client**
Ministry for the Environment — Manatū Mō Te Taiao







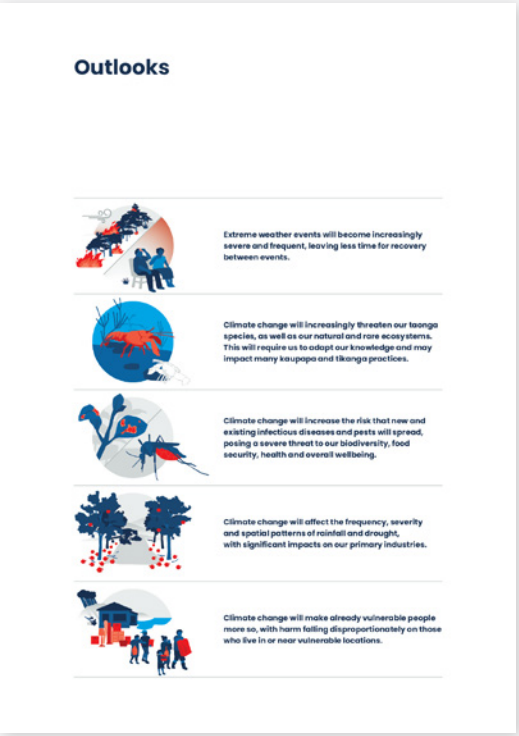

# Our land 2024

Multiple infographics for the environmental reporting series.

**Client**
Ministry for the Environment — Manatū Mō Te Taiao

**Web**
Our land 2024



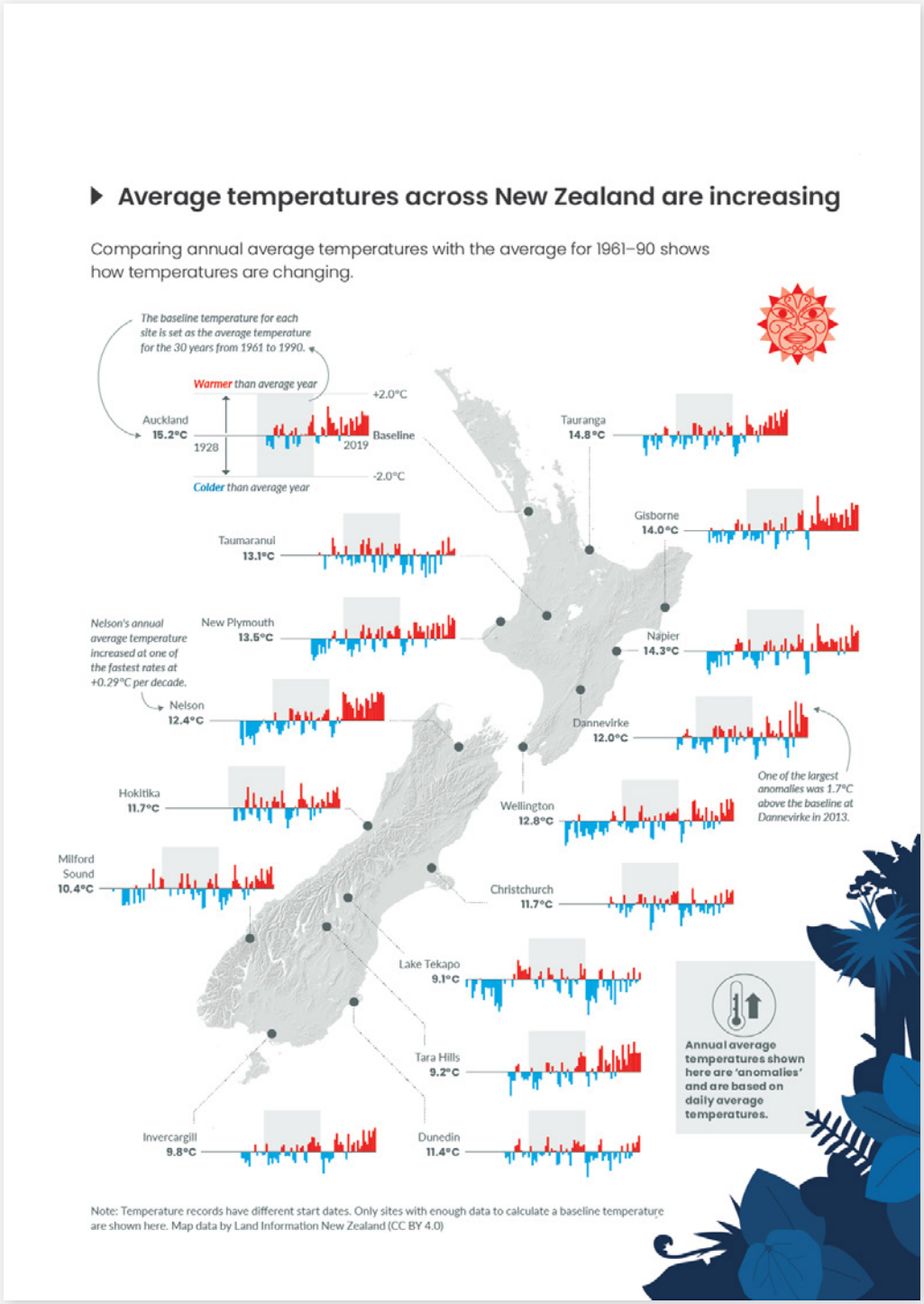


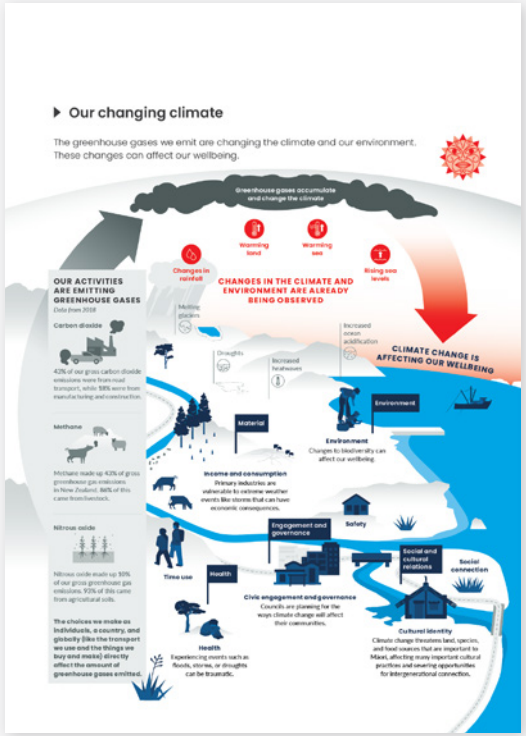

# Our atmosphere and climate 2023

Multiple infographics for the environmental reporting series.

**Client**
Ministry for the Environment — Manatū Mō Te Taiao

**Web**
Our atmosphere and climate 2023





# Our atmosphere and climate 2020

Multiple infographics for the environmental reporting series.

**Client**
Ministry for the Environment — Manatū Mō Te Taiao

**Web**
Our atmosphere and climate 2020

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## We love to hear from you

**hello@dumpark.com**