Visibility Improved For South Pacific Fisheries

Case Study:

South Pacific Regional Fisheries Management Organisation (SPRFMO)

Challenge: To build a better understanding of the extent of commercial fishing and its effects on fish resources in the South Pacific.

Solution: FINNZ adopted a flexible approach to the design, implementation and on-going support of vessel license and catch data software needed to manage the high seas fish resources in the South Pacific.

Outcome: SPRFMO can manage sensitive fisheries data in a way that provides SPRFMO's member states with the comfort that their data is appropriately utilised.

Committed to sustainable South Pacific fisheries

In 2006, fisheries representatives from Australia, Chile and New Zealand initiated a series of discussions to address the gap in the conservation and management of particular fish species in the high seas of the South Pacific.

From these discussions the South Pacific Regional Fisheries Management Organisation (SPRFMO) was established in November 2009 as an inter-governmental organisation.

SPRFMO is committed to the long-term conservation and sustainable use of fishery resources in the South Pacific Ocean, in an otherwise-unmonitored area of the high seas covering more than 15% of the world's oceans.

To better inform any future policies formulated by the organisation, collecting data relating to commercial fishing within the area was seen as crucial.

Leveraging fisheries expertise

FINNZ, armed with the experience of developing fisheries data management solutions began working with SPRFMO in 2009 to define the systems and processes that would facilitate the receipt and validation of fishing data from SPRFMO's member states.

The initial focus was to build a system into which vast amounts of data could be entered and subsequently cleansed for any data anomalies if required. To encourage member states to submit vessel and catch data SPRFMO needed a simple yet secure software solution to achieve this. Flexibility was also

paramount – with such a range of data sources from a multitude of member countries, the solution needed to be robust enough to accept data in a variety of forms while having a comprehensive validation engine to ensure that such data was clean and correct once captured.

With these requirements in mind, FINNZ developed a web-based solution in collaboration with the SPRFMO's data manager and executive to ensure they had a tool that best supported their management needs.

Over

28,500

fishing events recorded since 2012.

FINNZ

Data discovery

Fast forward a few years to 2014 by which stage SPRFMO was a well-established fisheries organisation with almost all member countries providing commercial fishing data on a regular basis. At this stage the focus began to shift to the utilization of this data, and in particular the ability to visualise commercial fishing geographically while correlating it with what was caught and in what quantities.

To provide SPRFMO with the solution they needed, FINNZ utilizes Microsoft's family of self-service BI Products in conjunction with the database FINNZ had already developed. This suite of powerful products provides SPRFMO the functionality they need to successfully and easily discover the correlations and insights needed to ensure the right decisions are made relating to the sustainability of the region's fish stocks.

Improved visibility to critical data

The management of fisheries resources in international high-seas waters can be contentious, requiring inter-governmental organisations like SPRFMO to balance the need for political cooperation with the desire for information to better manage fishery resources. By working closely together, coordinating software implementation with the evolving data requirements of SPRFMO, FINNZ were able to create a platform for managing data to support fisheries management in our corner of the globe.

www.sprfmo.int

About FINNZ

FINNZ are business systems experts, providing services to organisations involved in managing and protecting our environment, natural resources, and heritage.

We help organisations implement new initiatives in their business, from providing strategic advice at the beginning of the project through to building, delivering and managing business systems.

Customers work with us because we have a unique ability to understand the real-world implications of challenging policy and legislative frameworks.

FINNZ have the right mix of people, skills and experience to deliver tangible, cost-effective solutions. We make it real.

SPRFMO
South Pacific Regional Fisheries Management Organisatiom

It all starts with a conversation, get in touch today!

Mark Jones
General Manager
+64 27 244 4325
mark.jones@finnz.com

General Contact Information

+64 4 460 9500
info@finnz.com

Level 6, Eagle Technology House
135 Victoria Street, Te Aro
Wellington 6011
New Zealand

PO Box 24441
Manners Street
Wellington 6142
New Zealand

Find us on: