

# Meridian:

## Increasing productivity and building credibility

with transparent energy and greenhouse gas management



meridian

»The SoFi software solution will improve our productivity by 50% by cutting down the time to gather, analyse and report data.«

*Alison Howard, Meridian's Sustainability Performance Advisor*



Benmore hydro power station



### **Credibility and authenticity are critical for Meridian's success.**

Meridian's business strategy involves the integrated development, generation and retail of electricity, offshore development of renewable energy and innovation in energy services. Reducing greenhouse gas (GHG) emissions is a fundamental part of their renewable energy proposition. Meridian is committed to conserving energy and reducing GHG emissions not only in their own operations but also through developing renewable energy generation that reduces the GHG intensity of New Zealand's total electricity supply.

### **Meridian looks for improvement opportunities**

Faced with increased stakeholder interest in its own energy consumption and GHG emissions Meridian wanted to move to best-practice carbon and energy reporting. They decided to apply the new global Corporate Value Chain (Scope 3) Standard for greenhouse gas reporting while maintaining their existing reporting to New Zealand's Certified Emissions Measurement and Reduction Scheme (CEMARS).

Meridian also saw a growing need to provide more accurate reports on emissions as well as credible reduction initiatives. This would help to communicate with key stakeholders in a confident and authentic manner.

Meridian's GHG accounting system was a spreadsheet-based solution requiring manual data entry, multiple checks and re-checks and frequent requests to update data. It was an inefficient system that posed credibility risks through data integrity issues and made analysis difficult.

### **Central software platform for streamlined energy and GHG management**

PE INTERNATIONAL implemented the SoFi Enterprise Sustainability Performance solution, a central software platform for streamlined collection, analysis and reporting of energy consumption and GHG emissions. The implementation achieved three goals simultaneously:

1. **Conversion** from a spreadsheet based accounting system to a user-friendly web-based information management system;
2. **Extension** of current GHG reporting to include more Scope 3 emission sources such as employees commuting and purchased goods and services;
3. **Restructuring** and streamlining of Meridian's reporting and auditing process.

»The SoFi software solution offered a comprehensive service package coupled with the shortest deployment time, and represented the lowest total cost of ownership«

*Alison Howard, Meridian's Sustainability Performance Advisor*



### 50% increase in productivity

With a single role-based data repository Meridian has significantly improved the accuracy and speed of reporting. Ms Howard notes that “The SoFi software solution will improve our productivity by 50% by cutting down the time to gather, analyse and report data. This increases our capacity to focus on our energy and carbon reduction initiatives.” In addition to this productivity improvement, the single collection point allows third parties to more easily audit Meridian’s data and reports, with consequent reductions in auditing costs.

*White Hill wind farm*

### Building credibility and protecting reputation

Rigorous energy and carbon performance reporting in SoFi software empowers Meridian to demonstrate their ongoing commitment to renewable energy generation and emission reduction. Communication with stakeholders is based on credible and accurate data, underpinning a strong external reputation for sustainability in the market.

Ms Howard says: “We offer advice to our retail customers in a number of areas, including how they can reduce their energy use. Our own reduction efforts afford us the credibility to have these conversations.”

Meridian’s new Enterprise Sustainability Performance solution puts the company in a confident position to be able to report to a number of voluntary and mandatory reporting schemes for their operations in New Zealand and Australia, securing their reputation as a global leader now and in the future.

»One of the reasons we chose PE and the SoFi software solution is because they have a very solid grasp of carbon management and the business case behind it. They understand where we want to go, why we want to go there and support us every step of the way. They are not just a software company.« *Alison Howard*



### Meridian’s Solution in brief:

**Customer Industry & Headquarters:** Renewable electricity generation, New Zealand

**Scope:** GHG & energy management

**Services & Solutions:** Carbon management consulting & SoFi software solution for scope 1, 2 & 3 carbon reporting

**Benefits:** 50% increase in productivity, improved ease of auditing, cost reductions, strong base for communication, prepared for voluntary and mandatory reporting





**PE INTERNATIONAL**  
SUSTAINABILITY PERFORMANCE



meridian

Meridian Energy is an integrated renewable energy company. They are the largest electricity generator in New Zealand, generating power from 100% renewable resources. Meridian retails electricity to homes, farms and businesses across the country, through their Meridian and Powershop brands.

[www.meridianenergy.co.nz](http://www.meridianenergy.co.nz)



**SoFi**  
Enterprise Sustainability  
Performance

#### About PE INTERNATIONAL

PE INTERNATIONAL is the global leader in integrated sustainability performance with proven software solutions, sustainability databases and unparalleled consulting expertise. With over 20 years of experience and 20 offices around the globe, PE INTERNATIONAL is working with 1,500 clients including companies such as Bayer, Interface, Kraft Foods, Siemens, Unilever and Volkswagen. For more information:

[www.pe-international.com](http://www.pe-international.com)



PE INTERNATIONAL AG  
Hauptstraße 111-113  
70771 Leinfelden-Echterdingen  
Germany

Phone +49 711 341817-0  
Fax +49 711 341817-25  
[sofi@pe-international.com](mailto:sofi@pe-international.com)  
[www.pe-international.com/sofi](http://www.pe-international.com/sofi)