



# CLIENT CASE STUDY

**Lattey Group**

*A Proactive Approach*

**myimprint**

THINK GLOBALLY : ACT LOCALLY

Lattey Group is an infrastructure, civil engineering, and precast concrete construction company who has been helping to build infrastructural, capital and community assets for almost 70 years.

To keep up with the times, they knew they needed to start thinking about their environmental impact, and the first step was measuring their organisational carbon emissions.

### **Why measure our carbon emissions?**

We wanted to understand the environmental impact of our business operations and the most logical first step seemed to be to measure our carbon emissions. By collecting data over a few years and cooperating with MyImprint, we learnt what impact our business has, identified effective changes and used this information to make informed decisions regarding emission reduction initiatives. Additionally, we believed that this information would be of interest to our staff and suppliers.

This was also a strategic business decision. Some procurement contracts include information about measuring emissions and taking steps to reduce them and we did not want to miss out on opportunities by doing nothing.

### **Implementation**

There are various 'sources' of greenhouse gas emissions, or carbon emissions, that needed to be considered. We had to determine what should be included in our emissions profile and provide valid reasons for including or excluding certain sources.

Once we knew what information we needed, we could set about gathering the information on these different emissions sources. This information could then be turned into carbon emissions data. This included things like how much electricity we use, how much fuel we used in our vehicles and running our plants. It also included things travel and accommodation, and what waste we produced.

We measured some of our "Purchased Goods and Services" in our inventory, included as concrete and steel. These materials are vital to our operations and measuring their carbon impact provides valuable insight into the significant environmental impacts our business generates.

We collated the information with the help and support of Myimprint who then used this data to calculate our carbon emissions inventory and report. That gave us a visual on what our carbon emissions were for the year.

### **Benefits**

We can now track progress on emissions reduction strategies and tactics. We want to be ahead of the game before legislation tells us we must.

*"Measuring our emission has been a crucial tool bring together our ESG strategy. Being able to measure ESG has become more and more relevant - whether this due to commercial requirements or just because people are beginning to care more". Mark Hook, CEO*

## The Future

Looking ahead, we recognise the importance of reducing our carbon emissions and the impact our business has on our people and community. Planning the reductions is essential and we explored various options to minimise our environmental impact - some involve quick and easy changes, whilst other require more time and investment. An example on the long-term one is the planning and design phase of our new Precast manufacturing facility. We looked at various options for our boiler system to help cure the concrete and after analysing both cost and impact we selected an energy efficient heat pump boiler system. Partnered to this decision was an investment in solar power to help power it.

Further to this we have been partnering with our concrete supplier to help develop and promote lower carbon concrete. Replacing cement content with other additives can reduce carbon emission by over 50%. This lower carbon concrete was used in the construction of the new facility.

Focusing on waste reductions and reuse of materials is part of our everyday business. Left over concrete is used to make pavers and other small products. From time to time, we have concrete that needs to be recycled, this is crushed is suitable for engineered fill in roading and infrastructure projects.

We are excited about exploring alternative solutions in these areas to further our environmental impact. These initiatives are important and valued within the business, and really engage our people.

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