

## PROJECT PROPOSAL – EMISSIONS ANALYTICS

### 1 INTRODUCTION

Sievo's procurement analytics software is a key strategic platform for the largest companies in the world, such as Carlsberg, Levi's, Deutsche Telekom, and Johnson & Johnson. Sievo allows them to analyse what they spend their money on in a few clicks, by categorizing and visualizing billing and purchase order data in their ERP systems.

The topic of sustainability is becoming increasingly important for these companies. Sievo currently offers emissions tracking for company CO<sup>2</sup> (calculated from the spend data) but this is limited to categories where the emissions can automatically be calculated, like raw materials, steel, apples or office supplies. But we want to do more.

On top of the calculated emissions, we also want to help companies track other type of emissions like employee commuting and waste generated in operations. Gathering these often require self-reporting from individual employees and the company. Reporting these types of emissions will soon be required by the EU, consumers and investors. Therefore we are sitting on something big and have an opportunity to greatly affect how emissions are measured and reported in the future.

### 2 PROJECT GOALS

A crucial part of developing Sievo's sustainability products is understanding how Sievo could offer the possibility to track all of the company's emissions based on the [Green House Gas Protocol](#) (GHG). We need your help with this! We need you to develop an inspiring and exciting method for collecting sustainability data from around the company as well as combining it with the existing data that is already in Sievo. The categories in question would be all of the official GHG categories not coming from procurement data, including the emissions from company vehicles and facilities, employee commuting, waste generated in operations, and leased assets.

### 3 TECHNOLOGIES

You get to choose which methods and technology stack you find most suitable to use while getting ideation and support from us.

### 4 REQUIREMENTS FOR THE STUDENTS

We challenge you to take initiative in designing and creating a solution to our presented problem. We do not expect you to know everything before the project.

Key factors that make a great project:

- Everyone wants to learn new things – this is most important for us

- Doesn't matter if you are interested in front- or back-end (or even UX design), the scope of the project will be determined based on your preferences.
- Exciting and useful outcome, even if the project scope needs to change on the go
- You want to work as part of a team, as it is a team effort!
- Willingness to question things and finding the actual key questions that need answering
- An interest in helping companies become more sustainable won't hurt!

## 5 LEGAL ISSUES

The client gets all IPRs to the results.

The client will share some confidential information with the students.

## 6 CLIENT

Sievo is creating a transparent and data-driven world – while being awesome. We do procurement analytics, i.e. we help large global companies understand data related to what they buy, so that they can make smarter decisions in the future. We are growing fast and are recognized as one of the global leaders in our market. We work hard to keep our company culture awesome, we put a lot of attention to our people, and strive to avoid corporate BS even as we grow.

You will be supported by a team of highly skilled Sievonians

- Heta Pirttijärvi (Heta.Pirttijarvi(at)sievo.com), Product owner and Sustainability expert
- Fiona Kaihari, User experience specialist and designer
- Undefined ☺, Senior technology wizard

And they will all be able to use some time every week to assist you in creating the most awesome tool.

You can use our office, right next to the Helsinki railway station, for meetings and occasional workspace (or for drinking beer and playing pool, as some of our previous project teams have done). After successful completion of the project, we will celebrate together – the team gets to decide how.

Other than that, Sievo has an international cast of amazing colleagues who come from different tech backgrounds and countries. We have a culture of clean coding that is enforced by each colleague. This makes software development a breeze after the common set of clean code rules are learned by everyone. Software project teams working with Sievo have repeatedly ranked high in the course Quality Award, and before covid, the team that worked with us won the award. We have also hired several great colleagues from these project teams.



We will have open positions for future developers and problem solvers to help us discover the possibilities of machine learning, big data, and microservices development along with other modern technologies.

Find out more about us online at [sievo.com](http://sievo.com)

## **7 ADDITIONAL INFORMATION**

As our working language is English, we wish that all documentation shall be conducted in English.