

Master Thesis at Volvo Group Purchasing – Powertrain Purchasing

- *This assignment is a student thesis. For your application to be considered you should currently be a university student eligible to complete a Master thesis as part of your university program.*
- *Students can apply by themselves or in an already formed group.*
- *Below presented topics are to be defined based on existing information and suggestions by all involved parties*

About Volvo Group:

General text to be added by recruitment team.

Description of thesis work:

How could sustainability within Purchasing be a natural part of our daily business?

Driving prosperity through transport and infrastructure solutions will create value for our customers and to society at large. The Volvo Group's approach to Corporate Responsibility and sustainability are important parts for succeeding. The choices we make today define the world we live in tomorrow. Climate change, population growth and increasing urbanization are shifting the landscape and expectations on transport and infrastructure. In all our actions, we need to consider how to reduce climate impact, use the world's resources and conduct business more responsibly.

We are determined to fulfil our commitment to the goals of the Paris Agreement and lead our industry in the transformation towards net-zero greenhouse gas emissions. To deliver on our commitment to the Paris Agreement, the entire running fleet provided by Volvo Group, needs to run on 100% fossil-free fuel by 2050. To contribute to an emissions-free future, there will be a steady shift into electric propulsion, and combustion engines will run on biofuel. Our ambition is for 100% of our products to be driven by fossil-free fuels by 2040, as our products have an average lifespan of 10 years.

To be successful in reaching these goals Volvo Group Trucks Purchasing will be pivotal in the way we conduct business, set strategies, and demands towards current business but as well new business opportunities with the Volvo Group. You will be in close contact with our sustainability division in Purchasing but as well analyze and understand how sustainability is being a part of our daily work tasks and propose new ways of integrating sustainable purchasing into the buyer commodity mindset.

Expected outcome:

Define and analyze how Volvo Group Trucks Purchasing, superficially powertrain, today are incorporating sustainability into our current business relationships with our supply chain partners. Propose how this can be changed or improved with a set of parameters that we can use as guidelines today but as well when we consider our future projects and supply chain partners.

Suitable background:

The ideal student(-s) will possess good communications skills in English, shows a high level of initiative, is self-driven, has good analytical capabilities and preferably has an interest in the automotive industry.

We believe you have a strong background in the fields of supply chain and purchasing and preferably doing your Master degree in Quality and Operations Management or Management of Economics and Innovation.

Thesis level:

Master thesis

Number of students:

Students can apply by themselves or in an already formed group.

The thesis can start January.

Language:

English

Tutor:

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