

## About Wärtsilä

Wärtsilä, is a proud partner in this ambitious project which aims to develop a more efficient metal product design and manufacturing system, with a focus on marine engine supply-chain.

Visit Wärtsilä's website to learn more about the team and their work: [www.wartsila.com](http://www.wartsila.com)



**WÄRTSILÄ**

**Dr. Tero Frondelius,  
Program Manager,  
Wärtsilä**

## What will the ENGINE project add to the current scientific state-of-the-art?

The ENGINE project will push the boundaries of current technologies by developing new methods and tools for product and process design, non-destructive diagnostic tools for production monitoring, and data solution for seamless integration of the whole supply-chain.

## How will the ENGINE project make Europe more sustainable?

By reducing waste and improving efficiency in the manufacturing industry.

## How will the ENGINE project increase the competitiveness of the manufacturing industry?

By developing a first-time-right and zero-defect metal product design and manufacturing system, which is expected to bring significant economic benefits.

## What will be the main impact of the project?

The main impact of the project will be to improve the quality and efficiency of metal product design and manufacturing, with a potential to reduce CO2 emissions.

## Why is the ENGINE project important?

Because it addresses important challenges in the manufacturing industry, and has the potential to drive innovation and create new business opportunities.

### About Dr. Tero Frondelius

Dr. Tero Frondelius is a Program Manager. He specializes in the area of improving the design and manufacturing process of complex mechanical systems.

