

# (Re-)Design of an Energy Optimisation Tool

## Project Characteristics

Mechanics: ★★☆☆☆  
Mathematics: ★★☆☆☆  
Programming: ★★★★★

## Setting

- The alignment is the basis for planning a subway tunnel, and thus, for the energy consumption of a subway train.
- Several tools have already been developed lacking important features and functionality.

## Your Tasks

- Design and implement a professional tool solving the task at hand.
- Use already existing code-fragments, but feel free to provide and improve these fragments, add your own functionality.
- In particular, add a professional GUI comprising all the typical task of the engineer who models an alignment.

Programming language: **C#**

