

## **Emissions from the “Larix” cableway system operation phase**

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### **Abstract**

The paper presents an assessment of the life cycle operation phase of forest cableways Larix 550 and Larix 3T with respect to environment load with emissions. Based on the consumption of fuels and lubricants the paper quantifies the amount of emissions in two scenarios (minimum consumption and maximum consumption) with a special focus on GHG emissions. Calculated are emissions for diesel fuel and for the alternatively applicable rape-seed methyl ester (RME) and a calculation is also made of emissions originating from fossil sources.

**Keywords:** GHG emissions, energy audit, fuel consumption, oil consumption