

R & D First two Ws

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What is it about?

- Designing an energy efficient controller for a hybrid vehicle in reality to reduce energy consumption

Why is it relevant?

- Simple driver trainings → improvement by 10%
Average truck(EU): about 150.000 km/year
1% improvement → save about 500L (average: 32.5L/100km)
- IPCC target: limit global warming to 2C by 2050 → reduce greenhouse gas emissions by 80-95%
Increase of emissions by transportation(EU): 2005: 26%, 2006: 36%