



ELONROAD

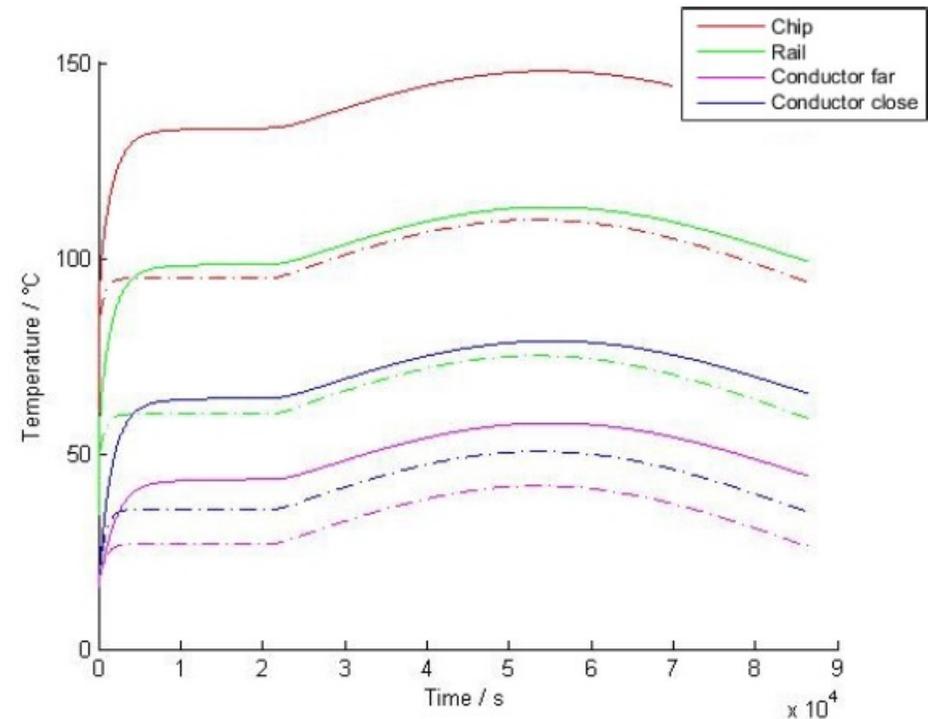
Project Goal

- To develop a power and control system to an electric road concept called Elonroad.
- To help constructing a demonstration site of 200 m electric road.
- To test and improve the system with realistic outdoor tests in all weathers.
- To participate in demonstrations of the concept.



Project Scope

- Study heat losses with different designs with FEMM and LT Spice simulation software.
- Study traffic simulations for buses in cities.
- Design a solution for power and control system.
- Build a prototype for outdoor tests.



Partners, Resources & Timeframe

- **Partners**

- Elonroad AB
- Krafringen
- Volvo bussar
- LU Open Innovation

- **Resources**

- Lab resources at IEA
- Krafringen powerplant Örtofta.
- Vehicle from Volvo

- **Timeframe:-**

- Start: 2015-08-17
- Finish: 2017-10-01

Contact Information ...

- **Project leader:** LU Open Innovation
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More material:

- **Papers:**

- *Elonroad.com*

- **Reports**

- *Hyperlink to IEA page*

- **Thesis:**

- *Hyperlink to IEA page*