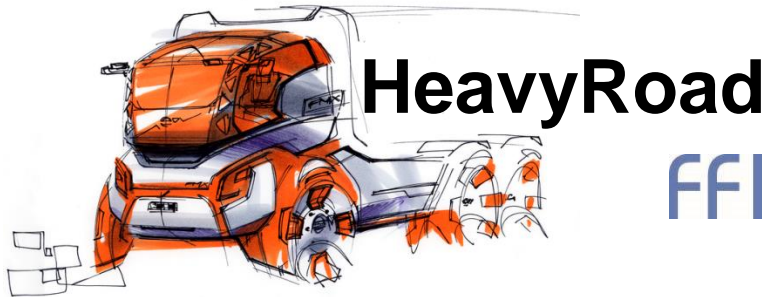


# Project Overview

Henrik Lönn, Volvo Group, Advanced Technology and Research



**VOLVO**

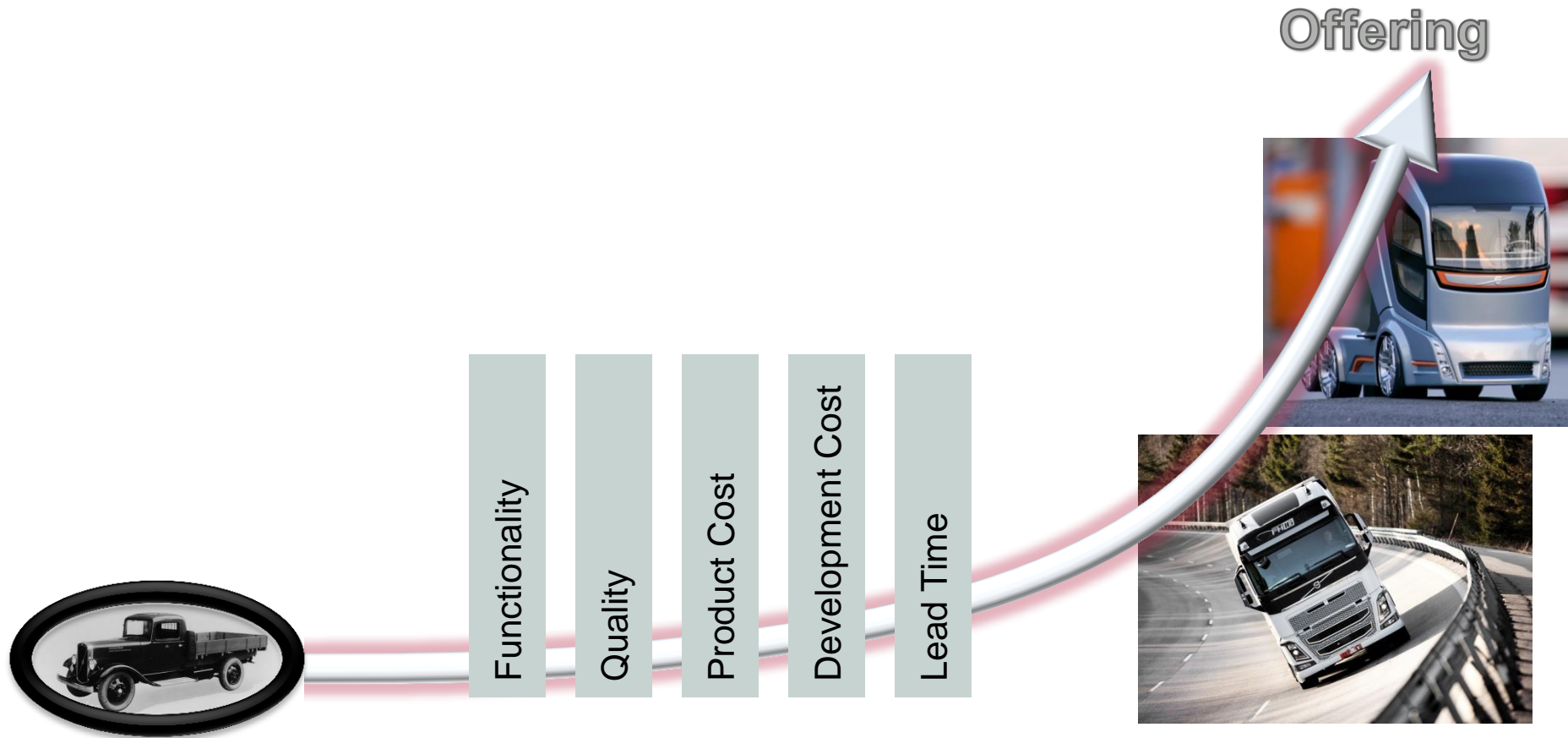
**ARC CORE**

*Modelon*

**SYSTEMITE**

**VOLVO**

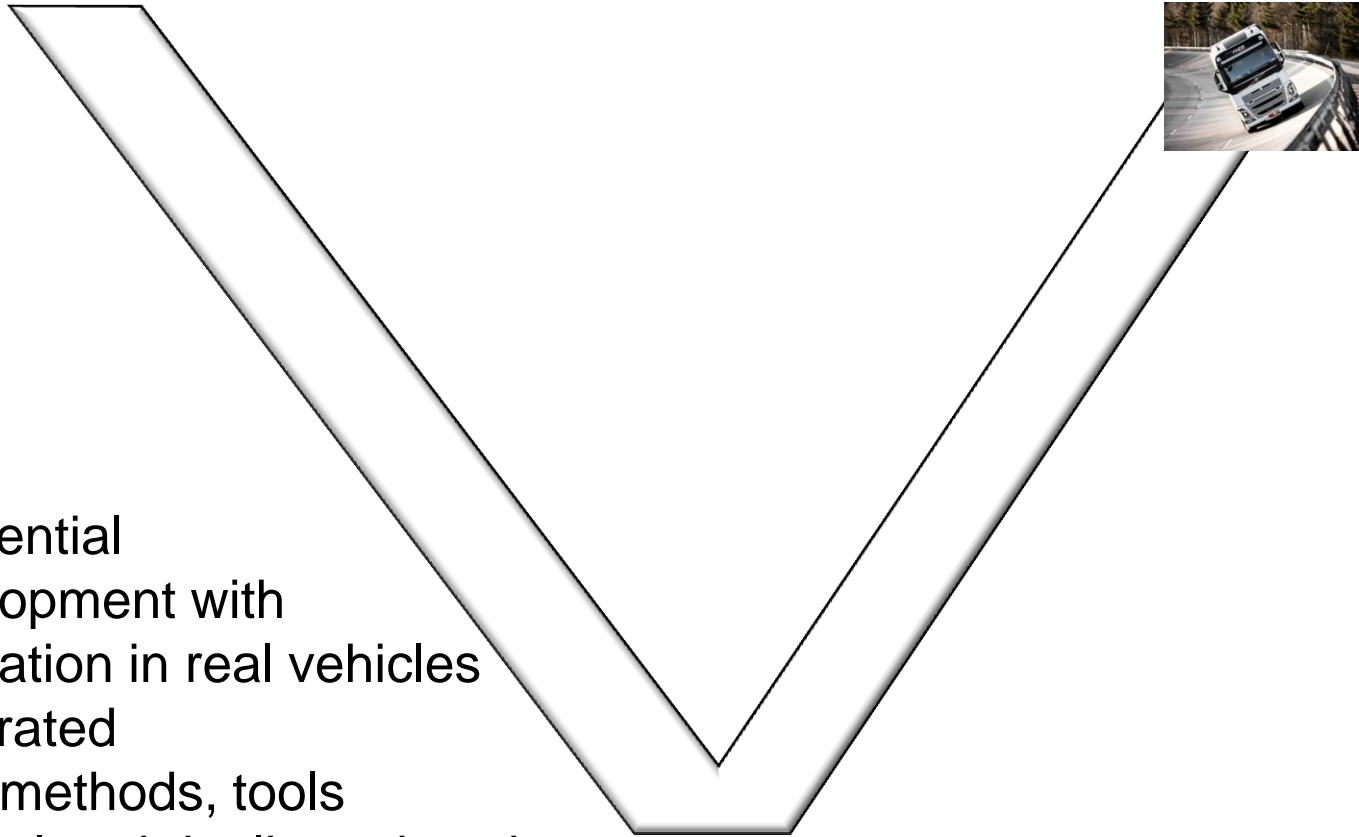
# HeavyRoad - Background



# Project Goal: Reduce Lead Time



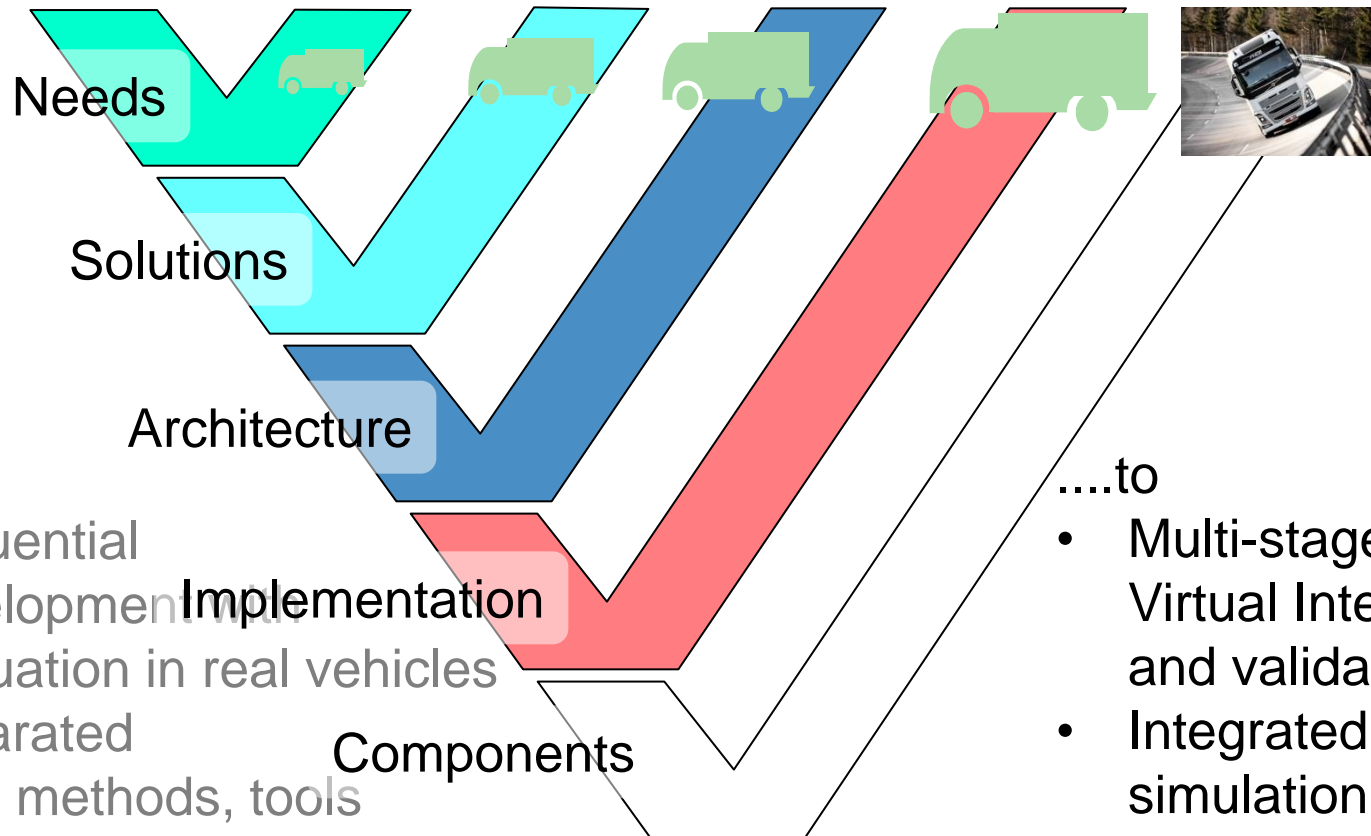
# Reducing Lead Time



From

- Sequential development with evaluation in real vehicles
- Separated staff, methods, tools
- Manual and duplicated work

# Reducing Lead Time



From

- Sequential development
  - Separated staff, methods, tools
  - Manual and duplicated work
- evaluation in real vehicles

.....to

- Multi-stage, Continuous Virtual Integration and validation
- Integrated specification, simulation, analysis, ...
- Automation and engineering reuse