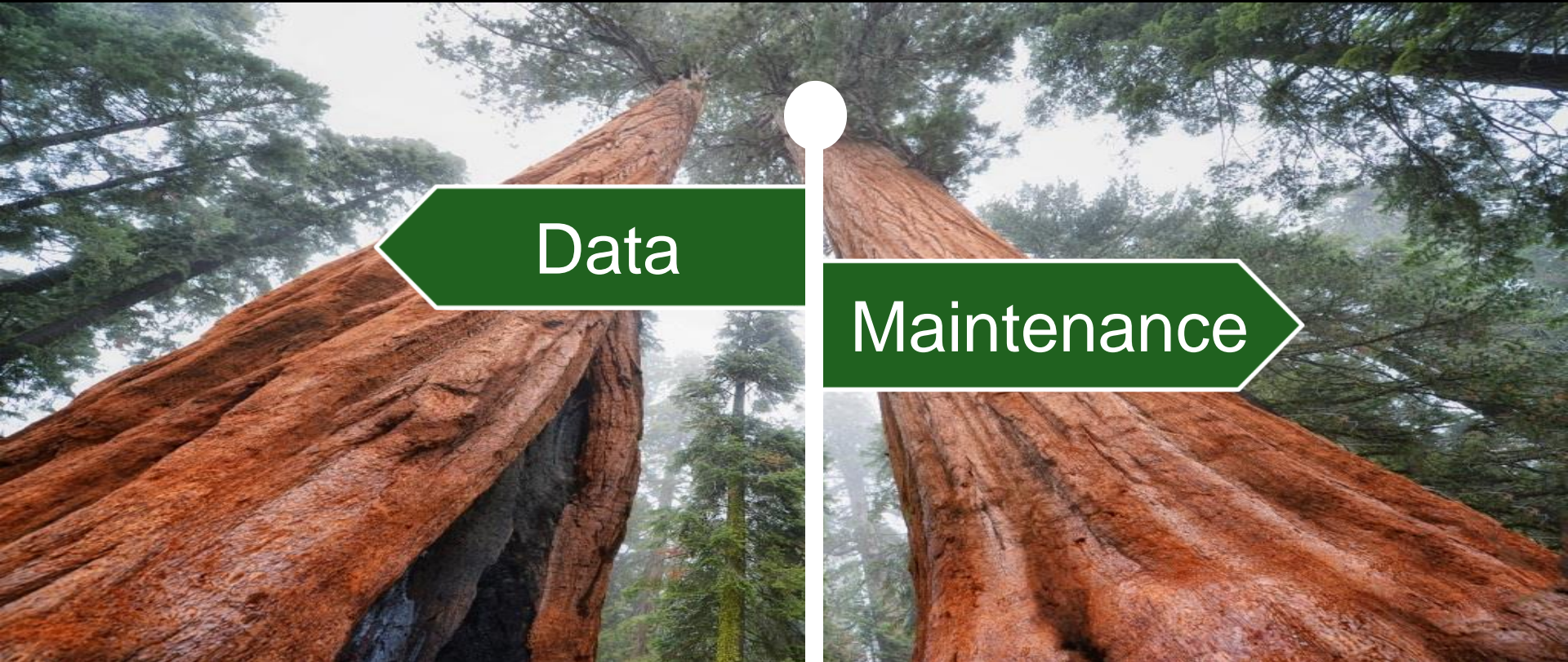


SEQUOIA: Predictive maintenance via big data & fault trees



Marielle Stoelinga
University of Twente.

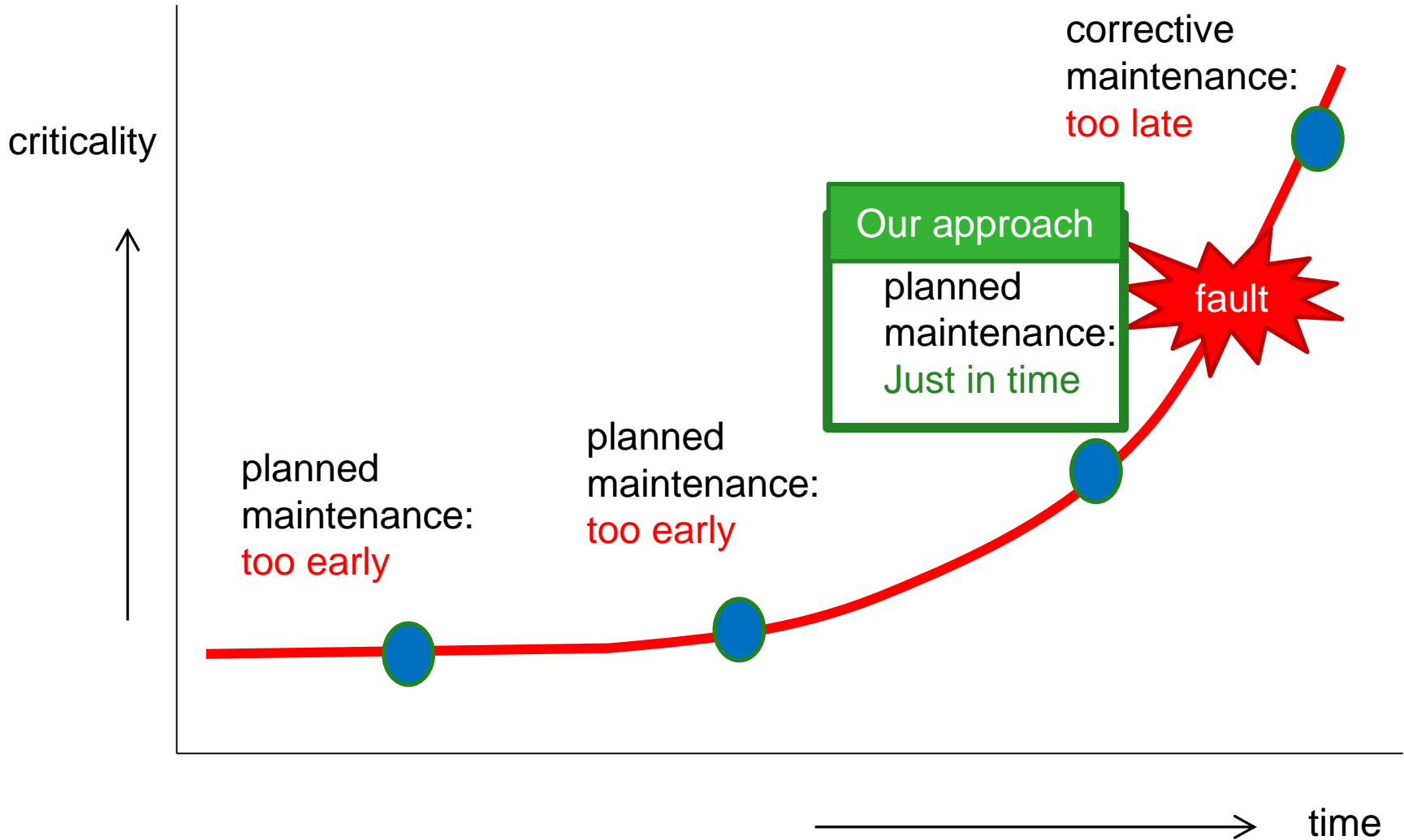
Predictive maintenance



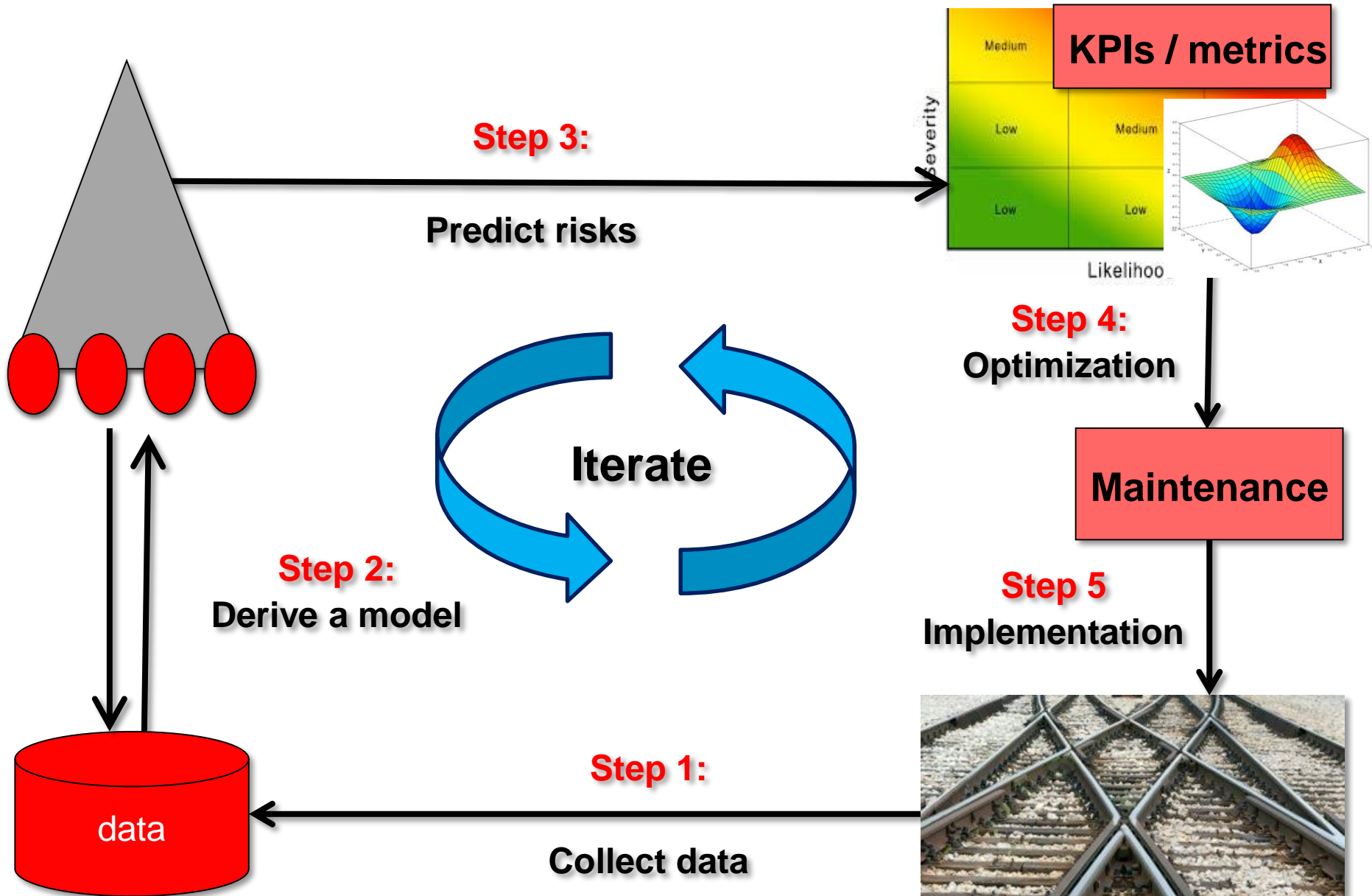
What is predictive maintenance?

- Predict failures better
- Maintenance exactly when needed
- **Save costs**

Predictive maintenance



Predictive maintenance: SEQUOIA approach



The team

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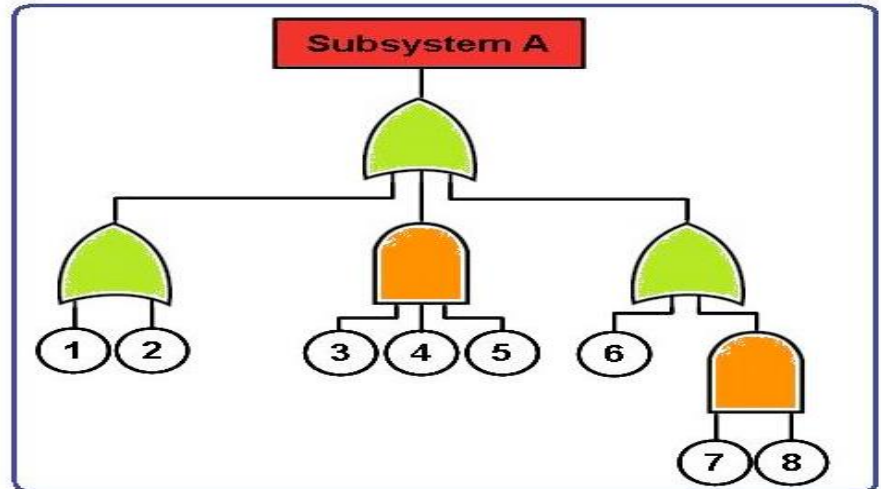
Bob Huisman
NS

Results

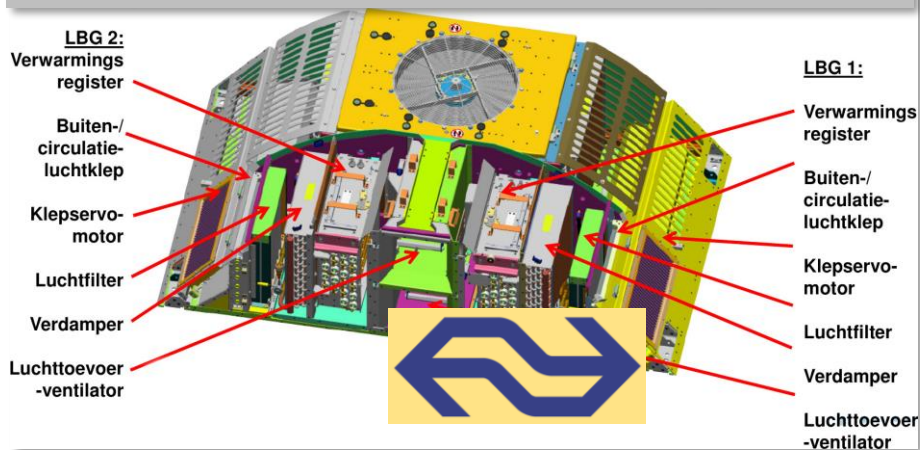
Maintenance optimization



Learn fault trees from data



Case study: maintenance optimization of heating/AC



Public data set (Open)



More info

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