



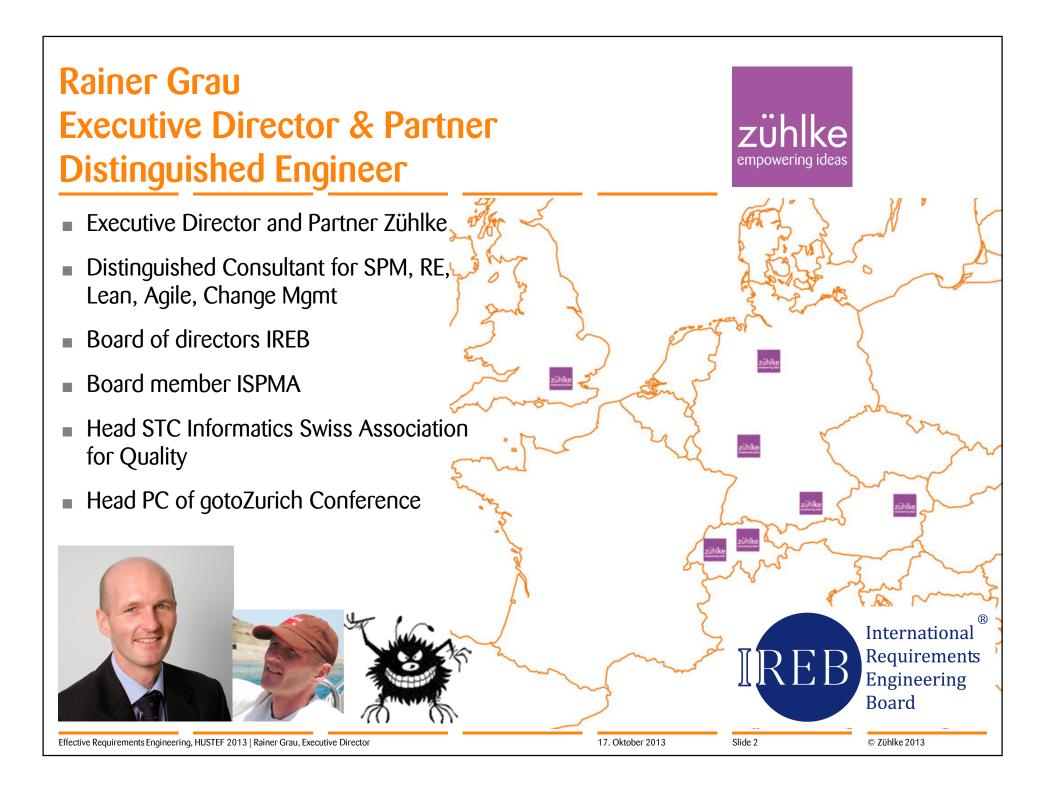
Effective Requirements Engineering

an evergreen; key to success; a discipline; a tool...





Rainer Grau, Executive Director





The old school of requirements engineering

Die Hard $(I - IV)^*$

A set of nice movies with Bruce Willis - you do not want to try that...

International

IREB Requirements Engineering

Board



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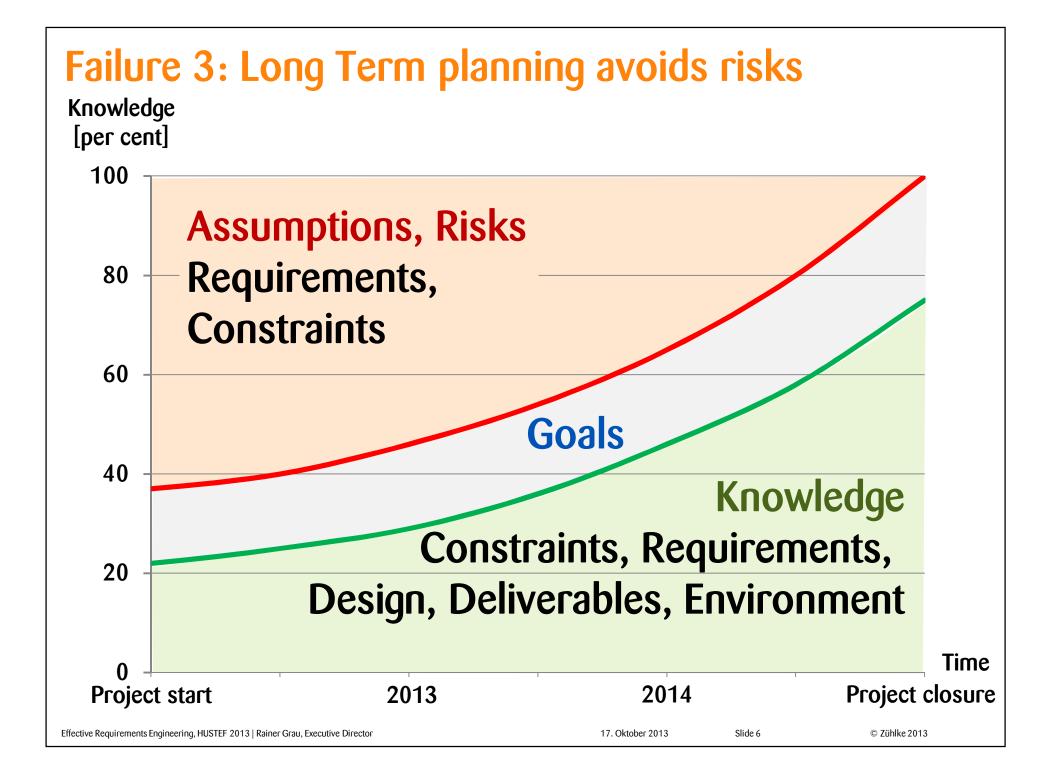
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Failure 1: Detailed Upfront work is value



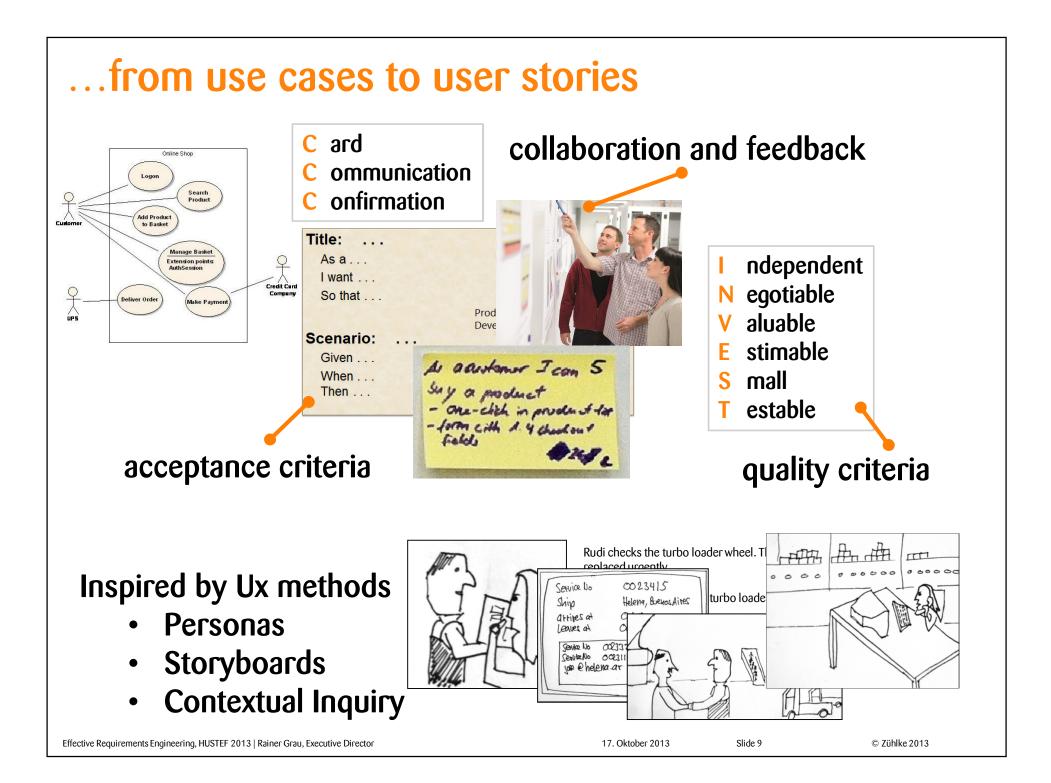
Failure 2: Validation without real user feedback







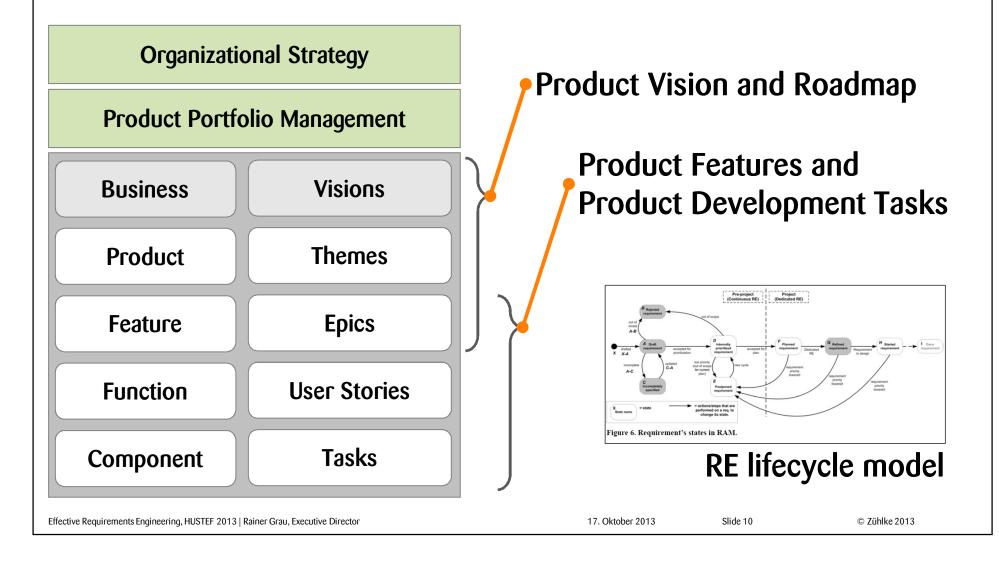


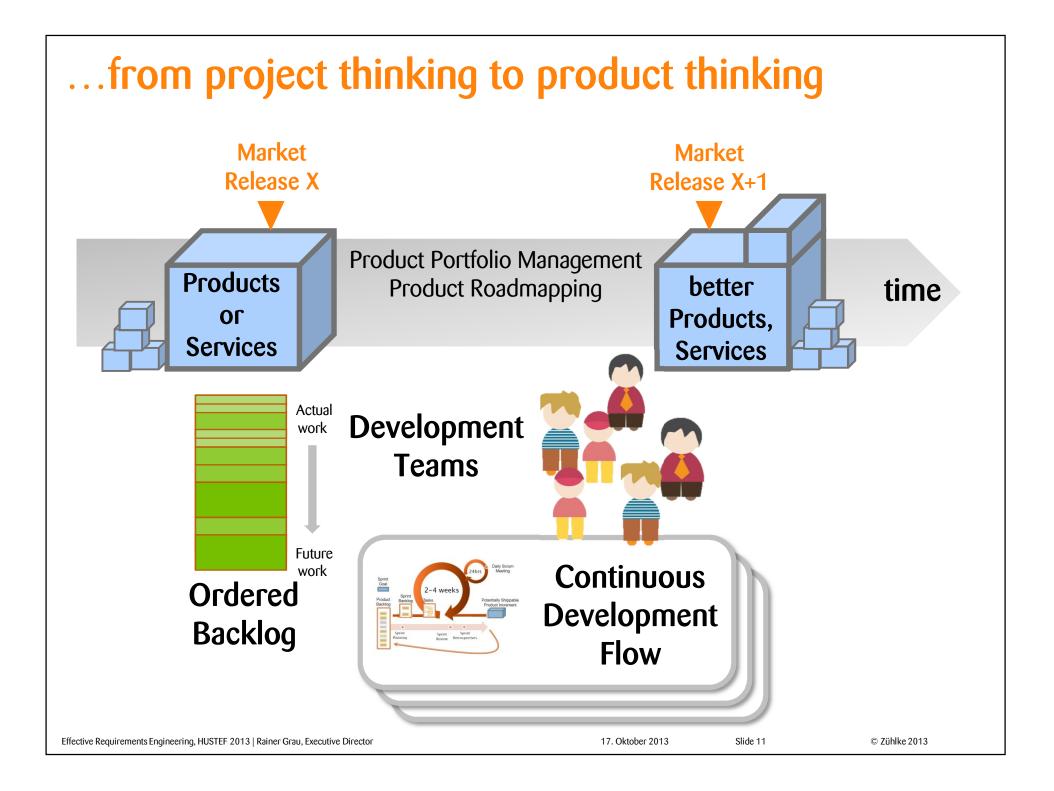


... from RE classification to RE abstraction

The requirements Abstraction Model RAM, University Blekinge

See: http://fileadmin.cs.lth.se/cs/Education/Examensarbete/Rapporter/2008/Vetart_2008-27.pdf







Agility – under the view of RE benefits and failures

Odysse 2010: A movie about brute force intelligence...

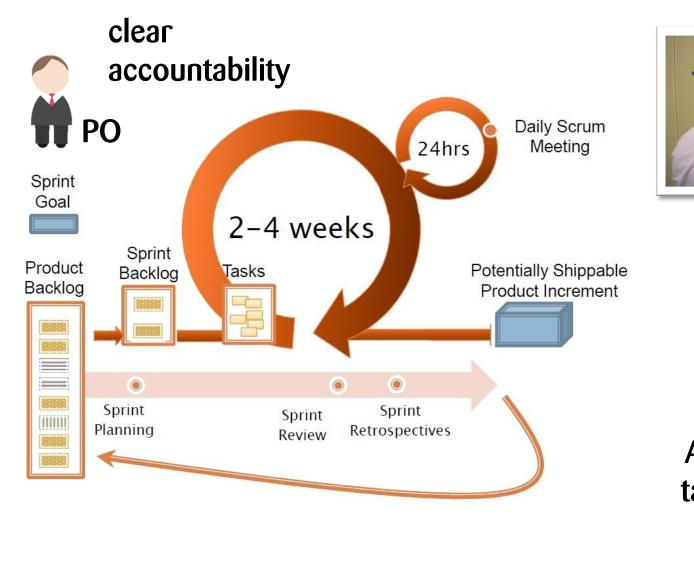


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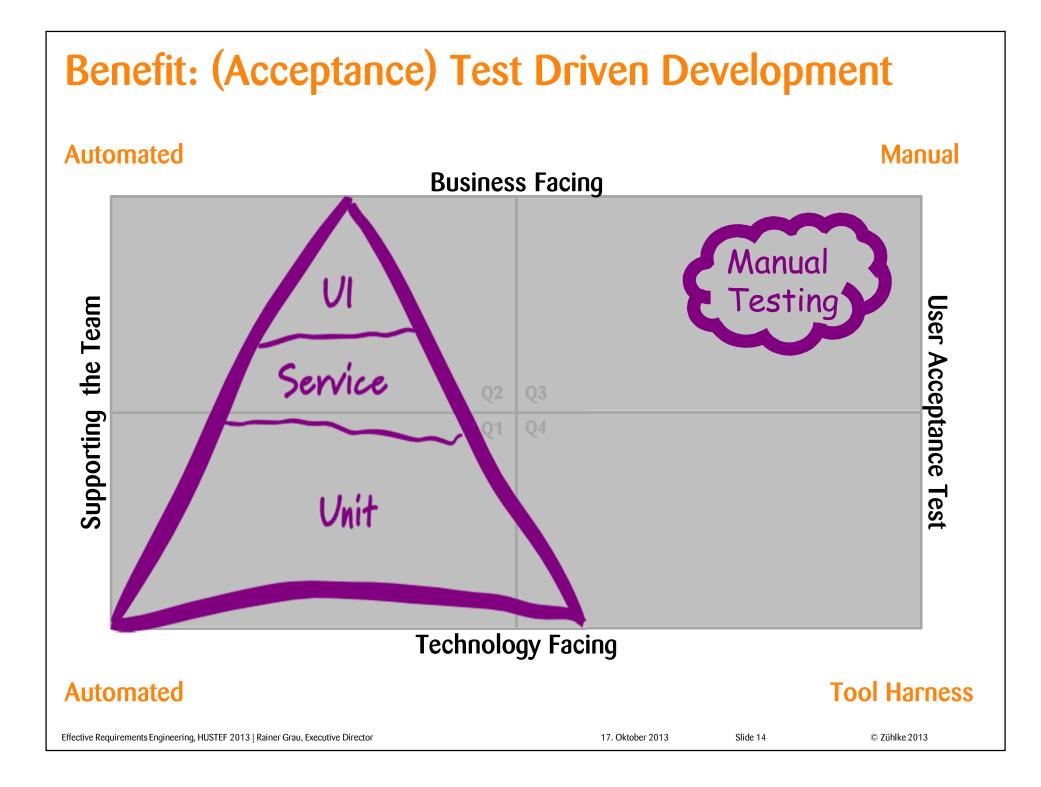
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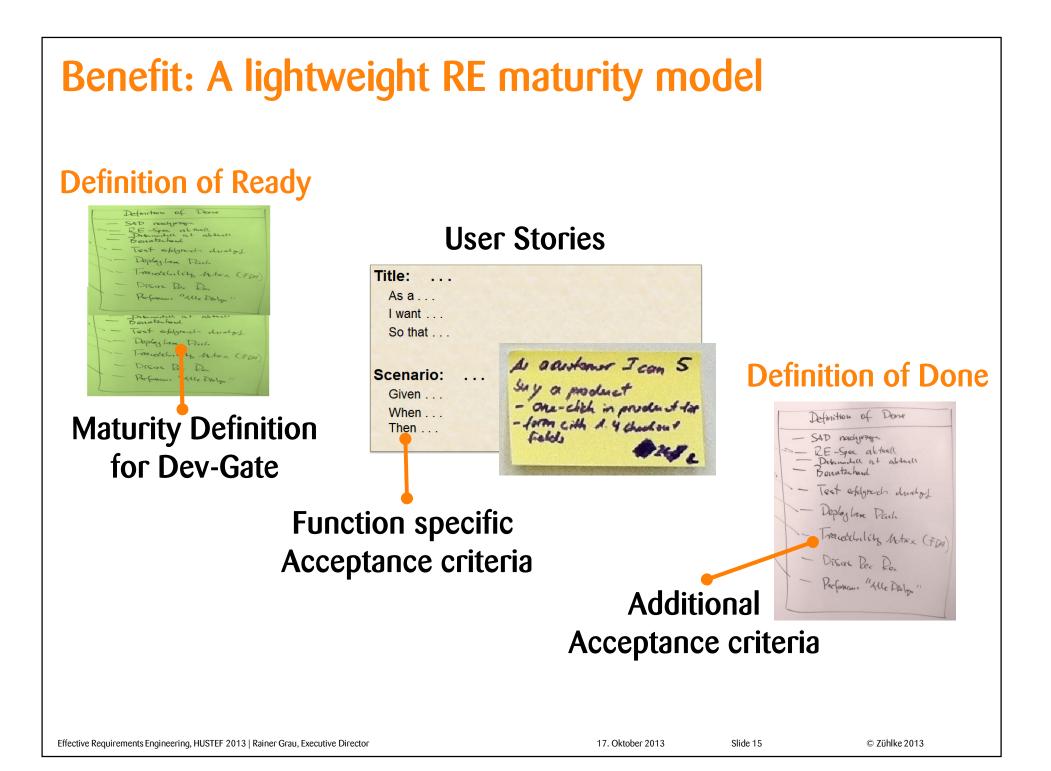
Benefit: Feedback, Ceremonies, Cadences

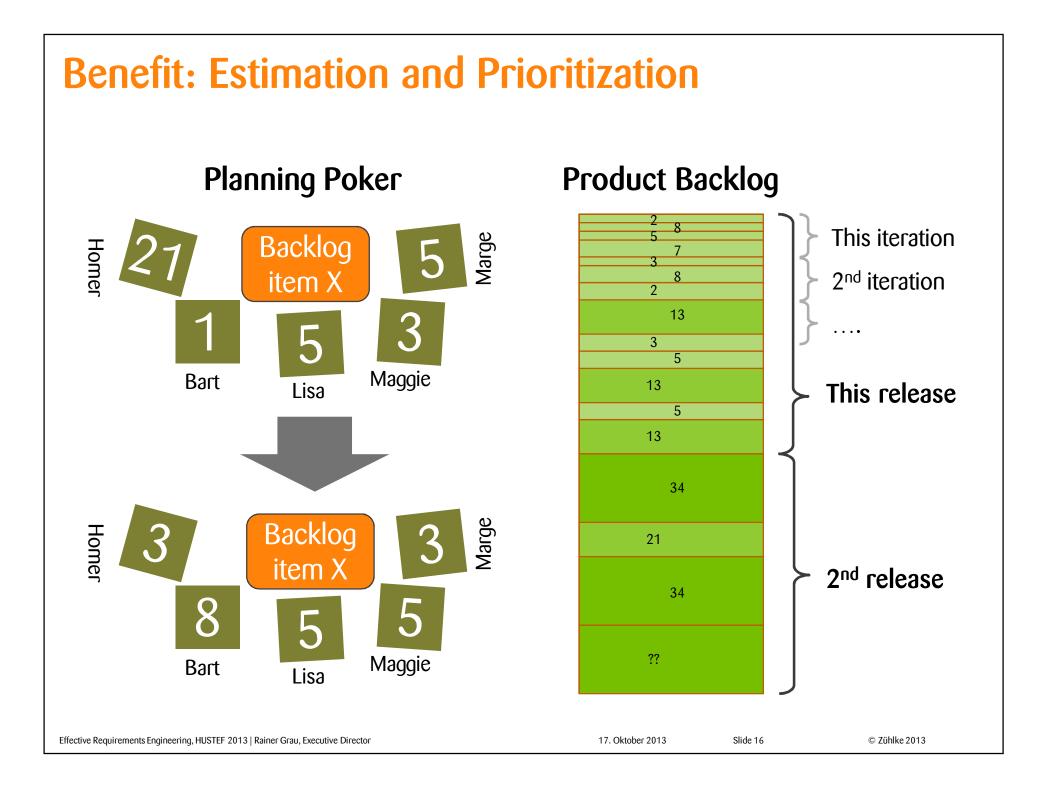








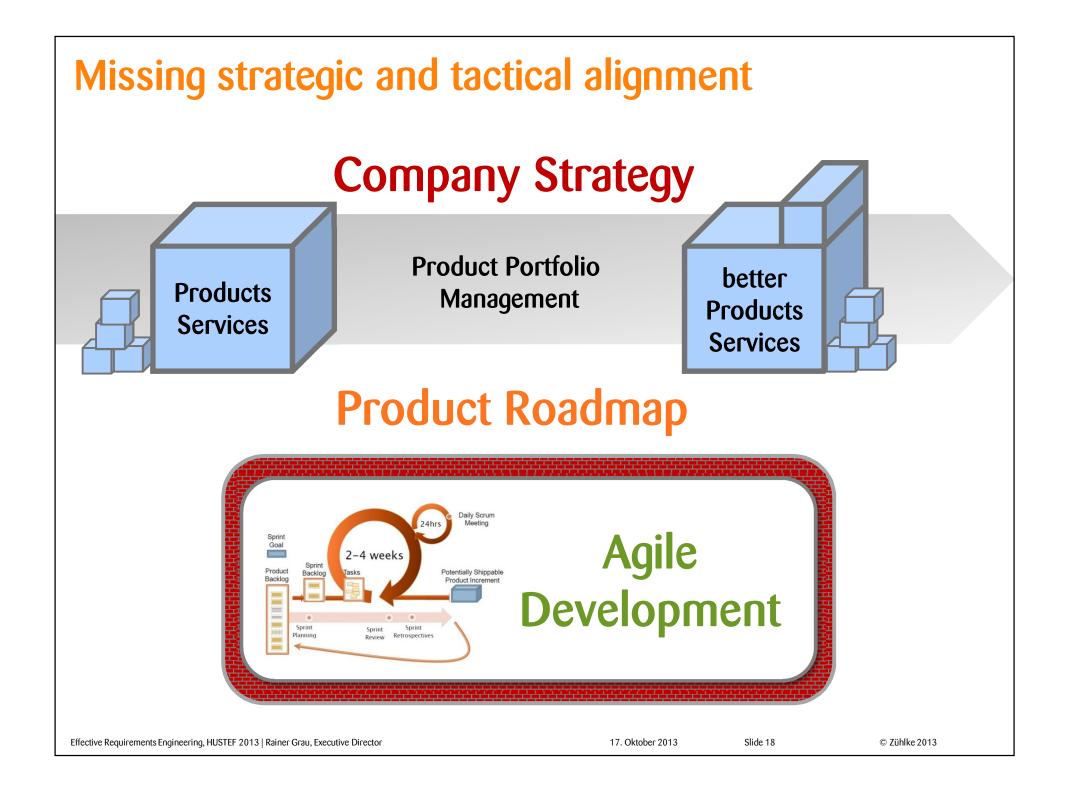




...but agility lost ground in Requirements engineering !

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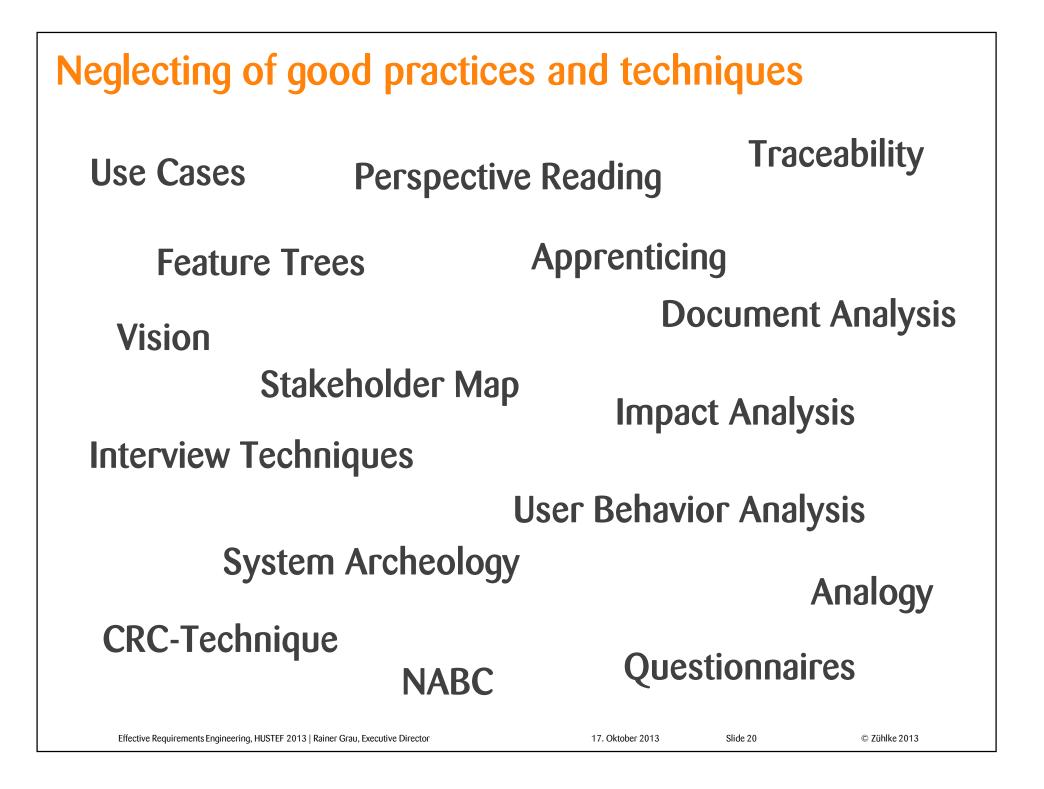
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Slide 19





Effective Requirements Engineering

Intouchable

A Movie about extreme viewpoints that emerge into a better world





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Principles of Effective Requirements Engineering

Product thinking based on ceremonies and continuous RE-flow

- Transparent product roadmap and release planning
- Improved demand / capacity balance
- Ceremonies substantial improve efficiency

Product management based on backlogs and feedback

- Customer oriented
- Creates and preserves tacit team knowledge
- Alignment of strategy, requests management and development
- Clear Prioritization, clear RE maturity model

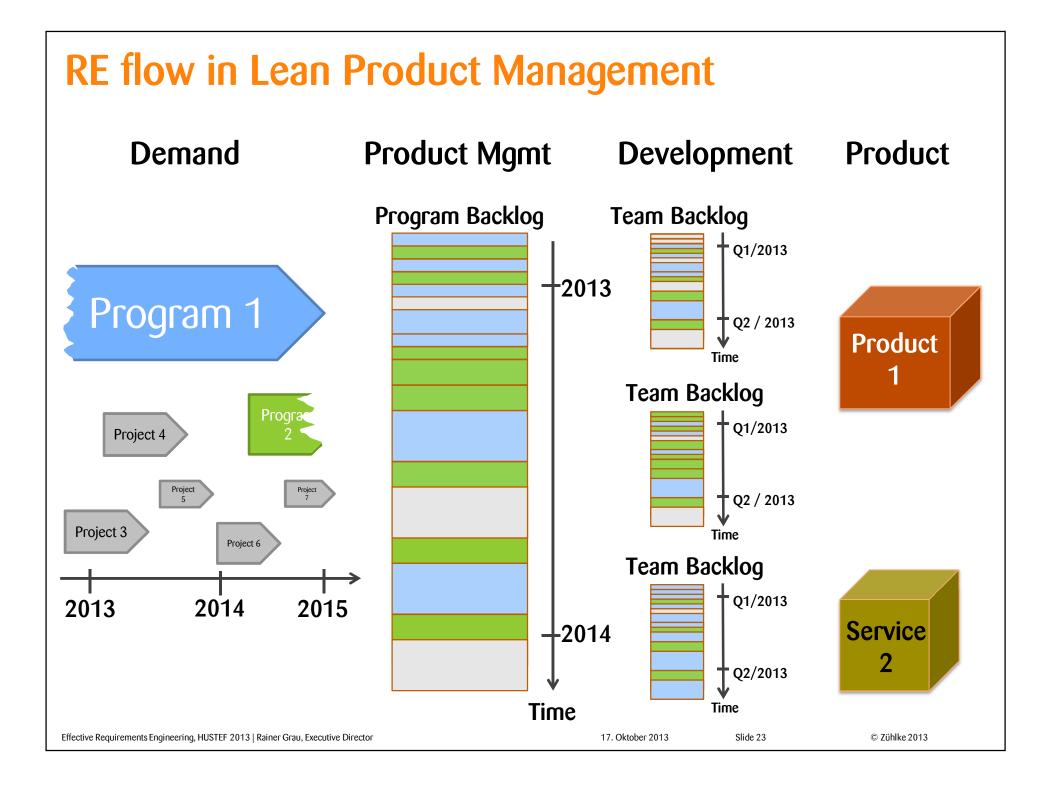
Product repository as organizational memory including the product specification

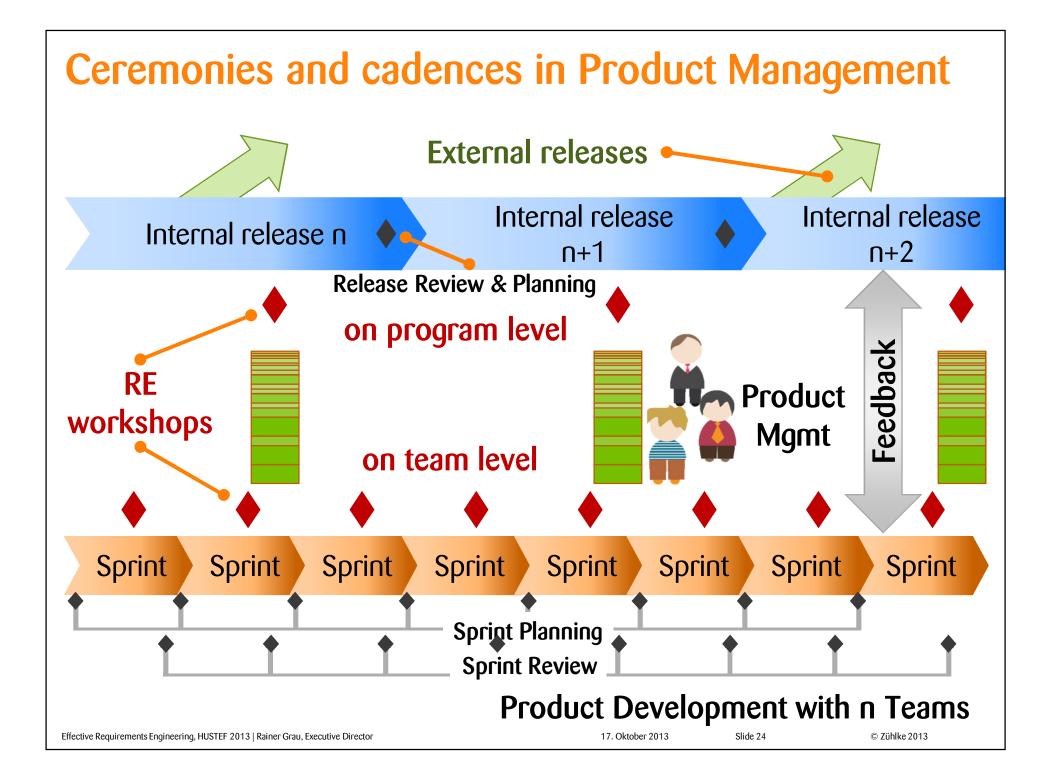
- Product RE-spec as tactical instrument
- Avoid overwhelming upfront RE investment
- Create specification on demand

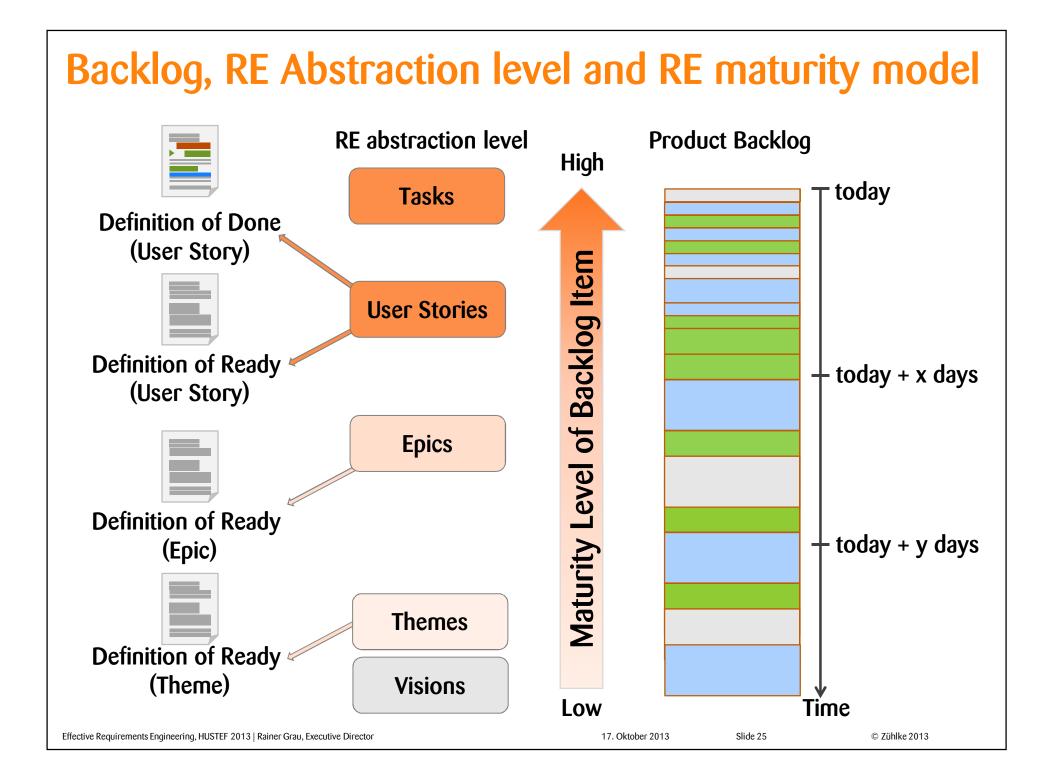


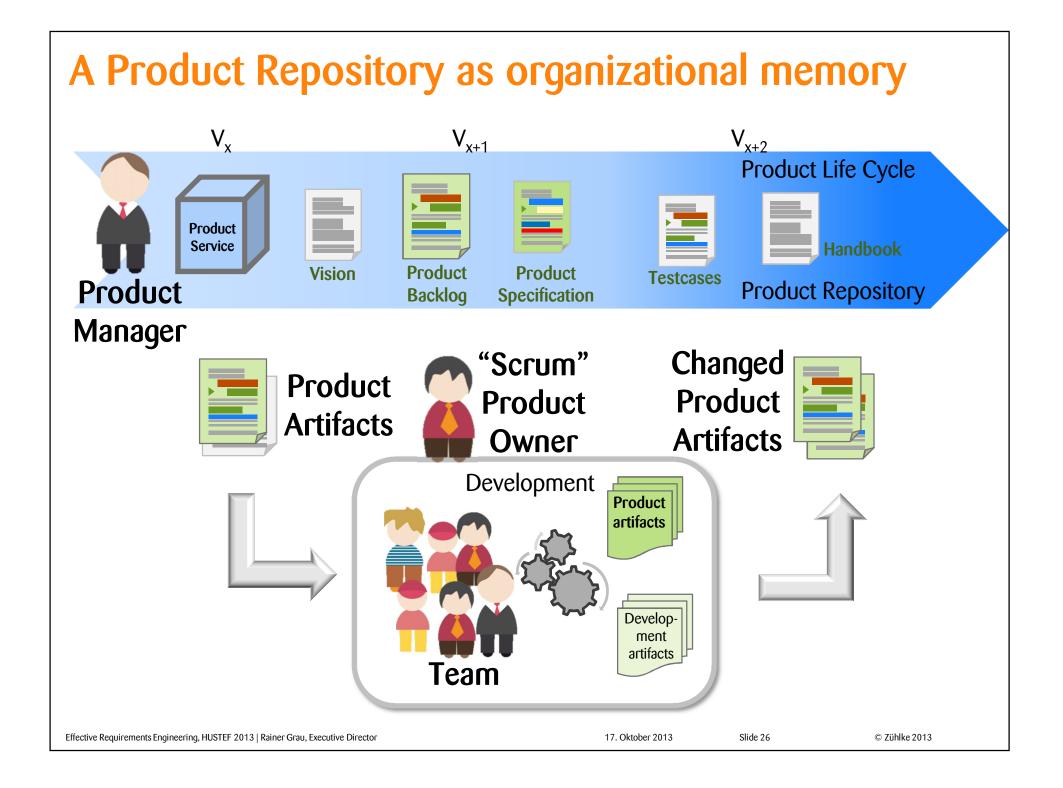
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Effective RE is a smart merger of old school with improvements coming from the agile community

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Questions & Answers

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