

# Het combineren van requirements engineering en testen

Een mogelijke toekomst

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Logo collage including: Gemeente Bussling, ING, Belastingdienst, KZG, anwb, ABN-AMRO, ZwitserLev, CORDARES, Ziggo, kpn, THALES.

Books shown: De kleine CMMI, The little TMMi, Software Process management, Erik van Veenendaal, Jan Jaap Cannegieter.

Logos at bottom: sysQa proud of it, TMMi<sup>®</sup> FOUNDATION.

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## Agenda

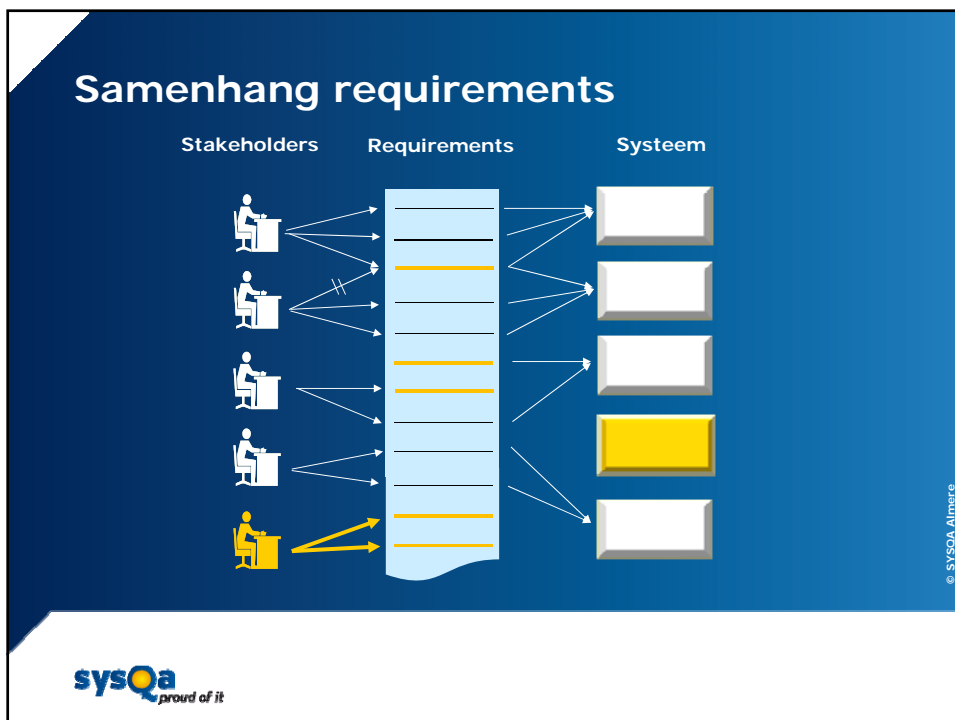
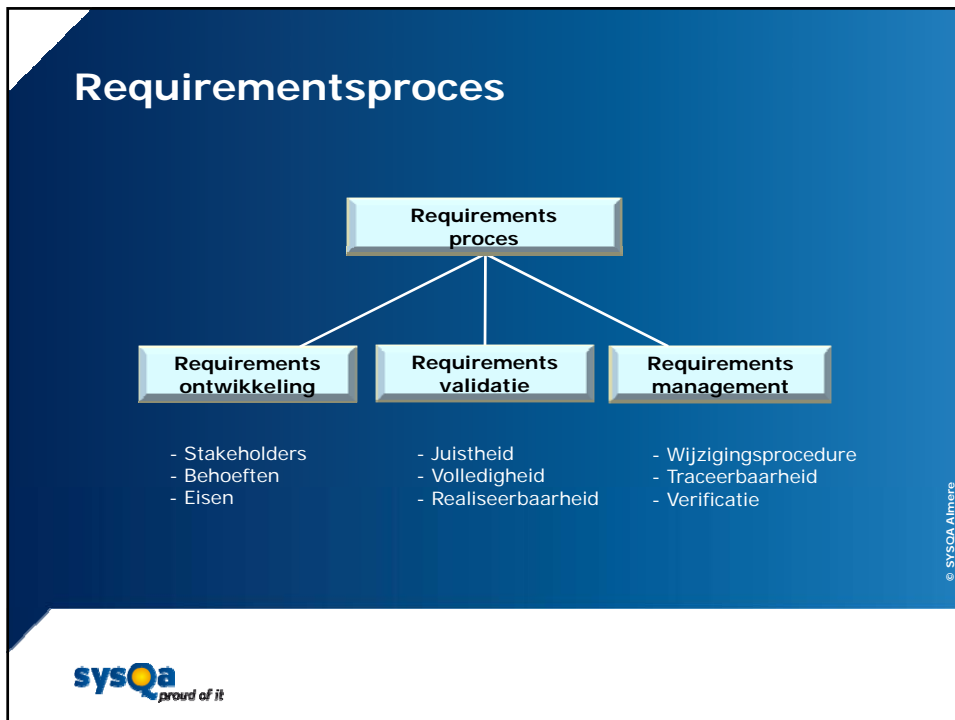
- Essentie requirements engineering
- Idee op hoofdlijnen
- RE-tester en inspanning
- RE-tester en projectkennis
- RE-tester en technieken
- RE-tester en agile
- Final thoughts

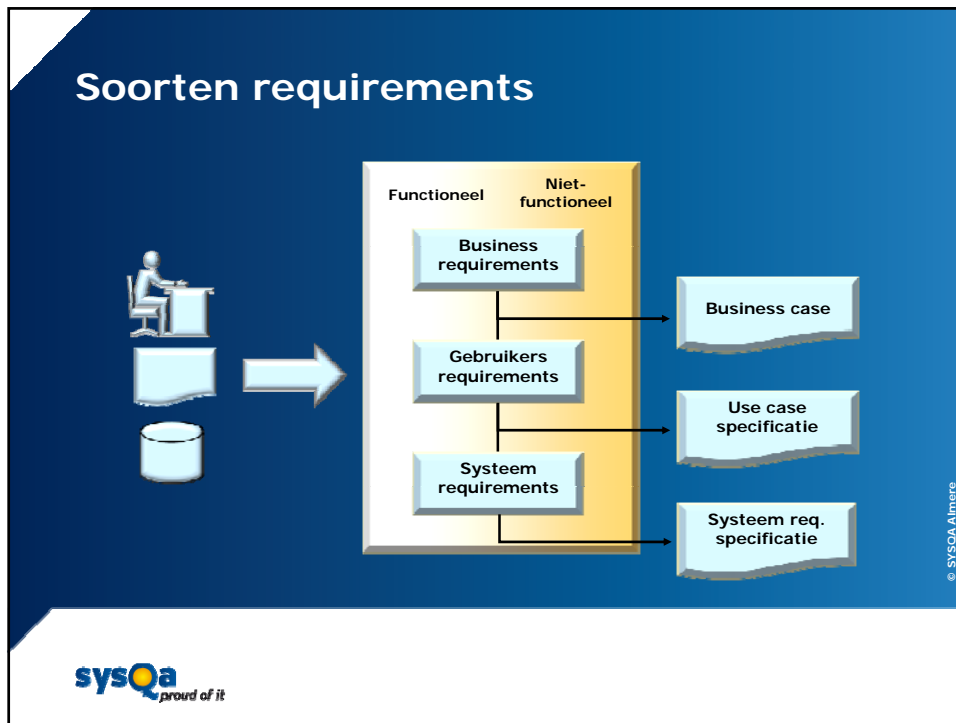
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## Essentie requirements engineering

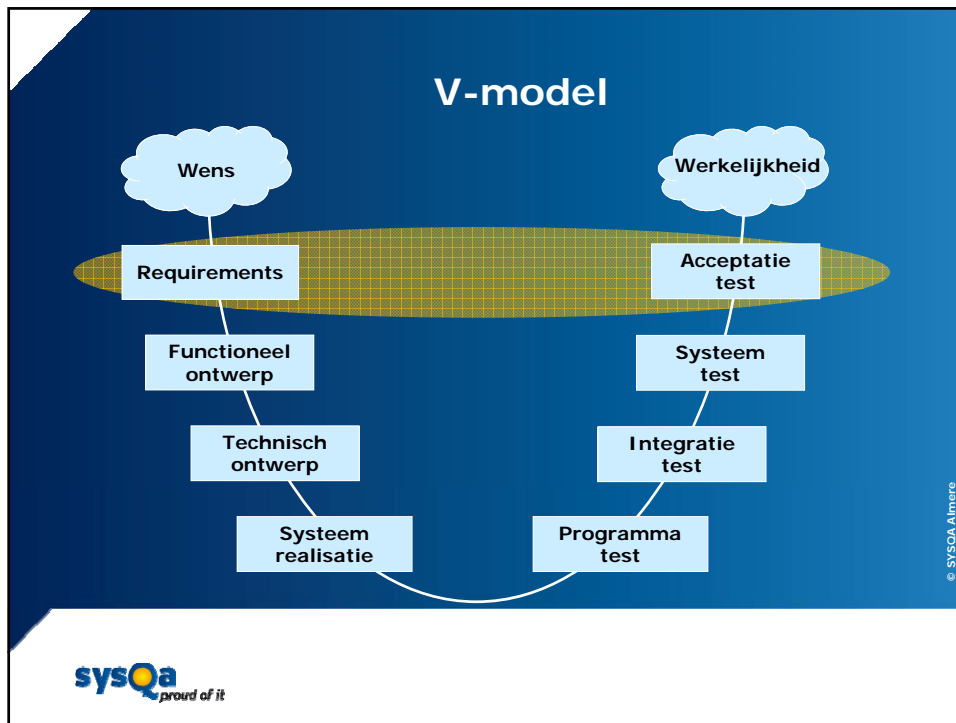






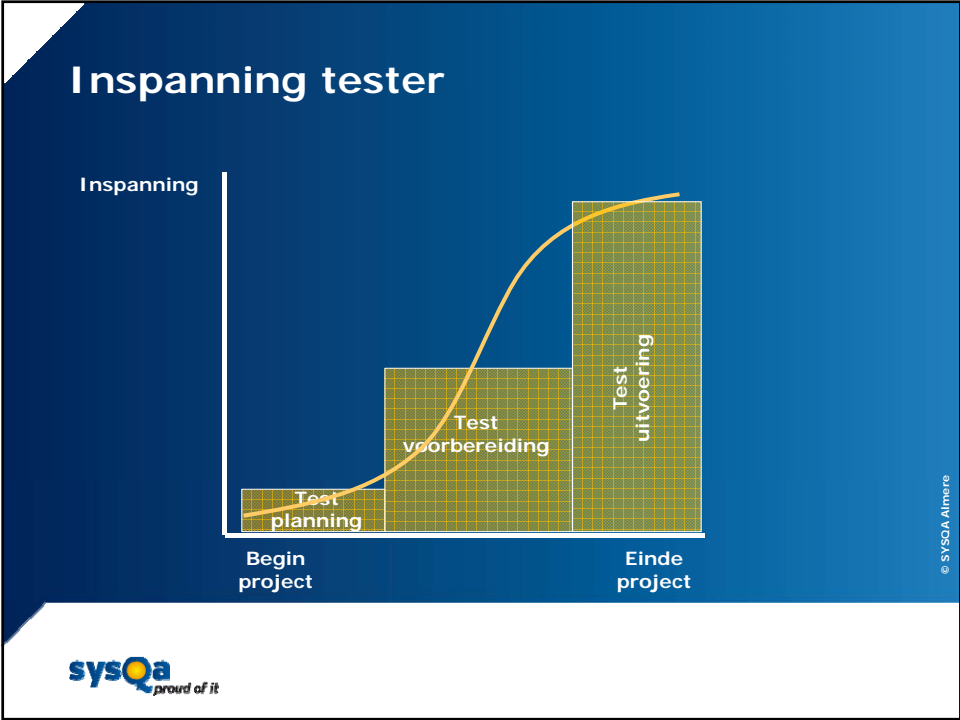
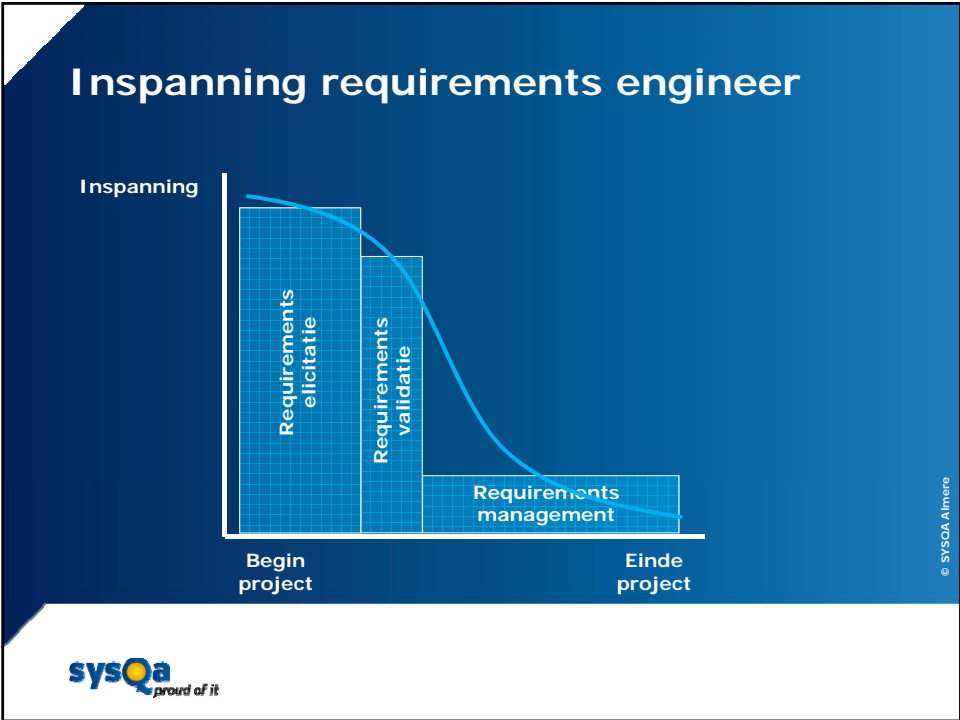
### Idee op hoofdlijnen

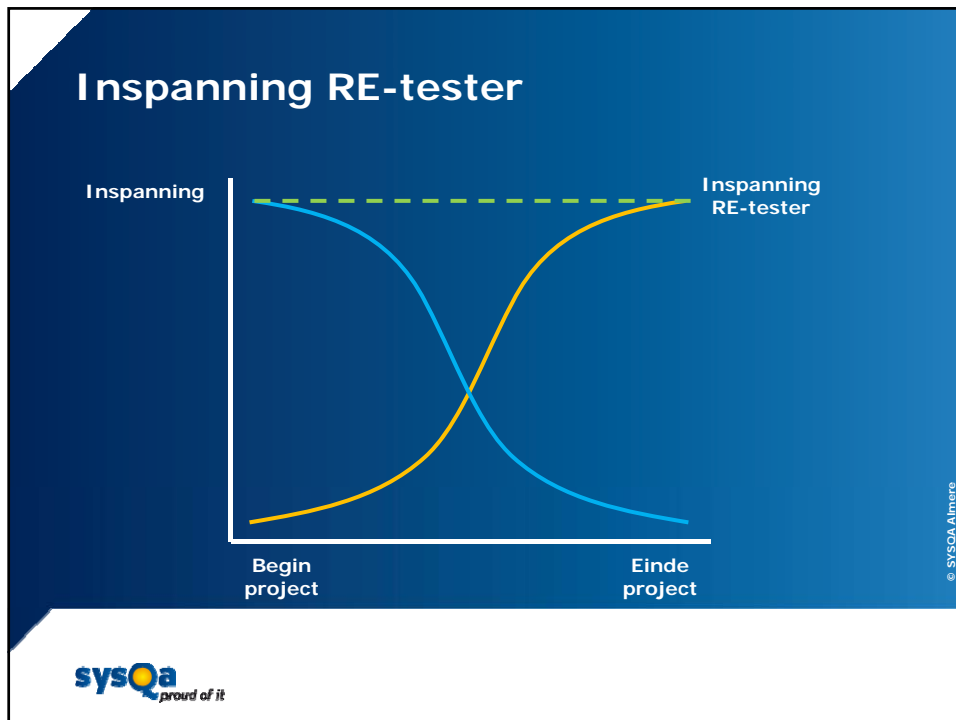
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proud of it



## RE-tester en inspanning

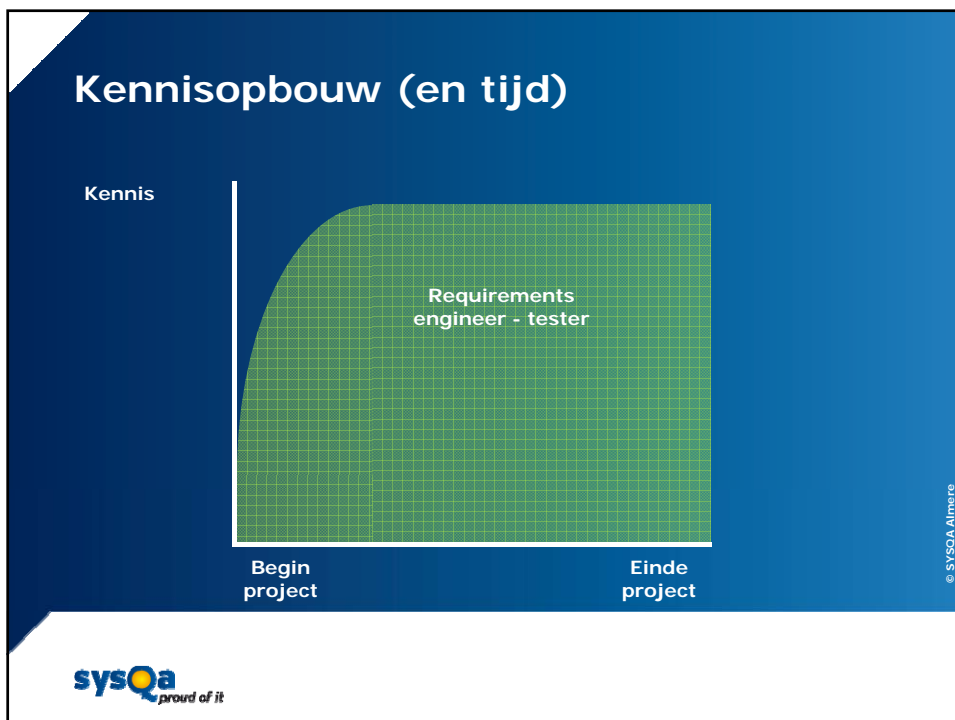
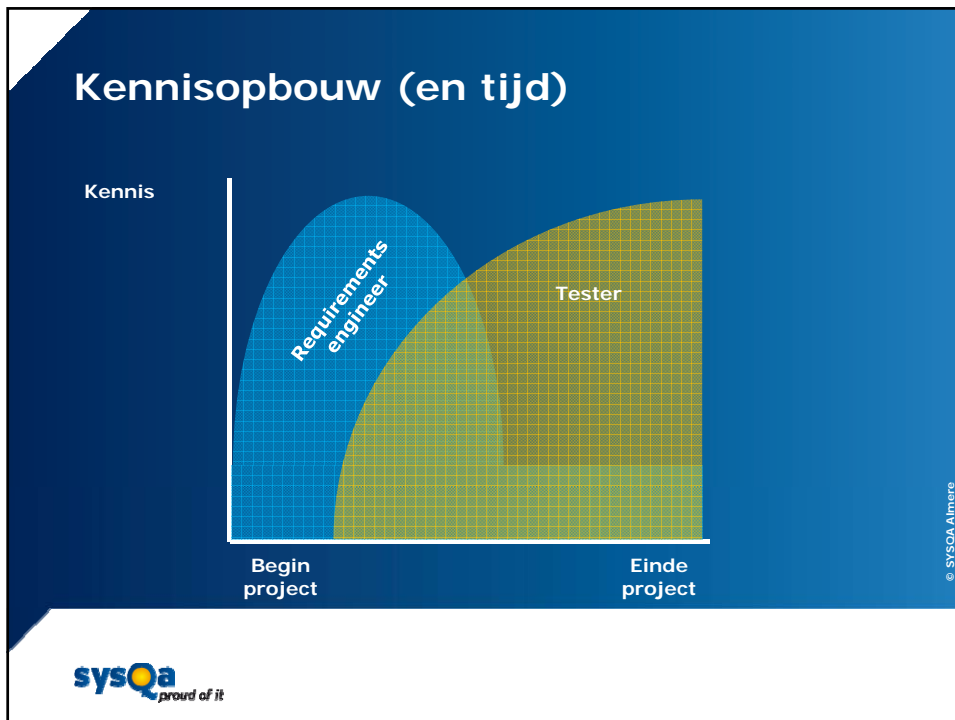
The text 'RE-tester en inspanning' is presented inside a blue speech bubble shape. The logo 'sysQa proud of it' is located in the bottom right corner of the slide.





### RE-tester en projectkennis

A blue speech bubble with a white border contains the text 'RE-tester en projectkennis'. The logo 'sysQa proud of it' is located in the bottom right corner.

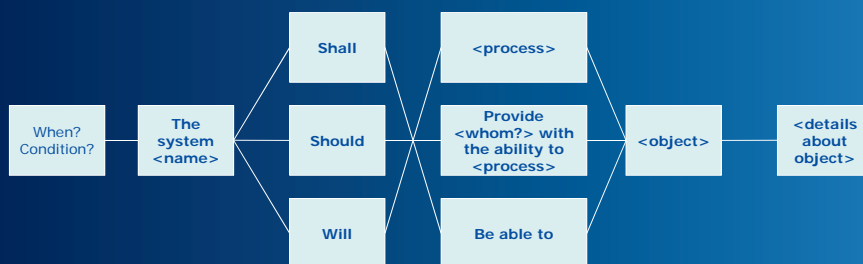




# RE-tester en technieken



## Technieken - systeemrequirements



On request of the client the system shall show the delivery status of an ordered book

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## Technieken - systeemrequirements

Does

On request of the client the system shall show the delivery status of an ordered book

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## Technieken - Systemrequirements

Does the system show the delivery status of a prepared book on request of the client

Priority 1

**Logisch testgeval**

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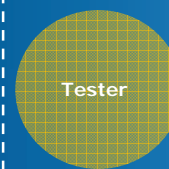
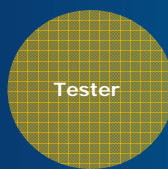
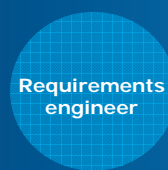
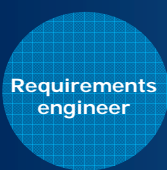
## RE-tester en agile



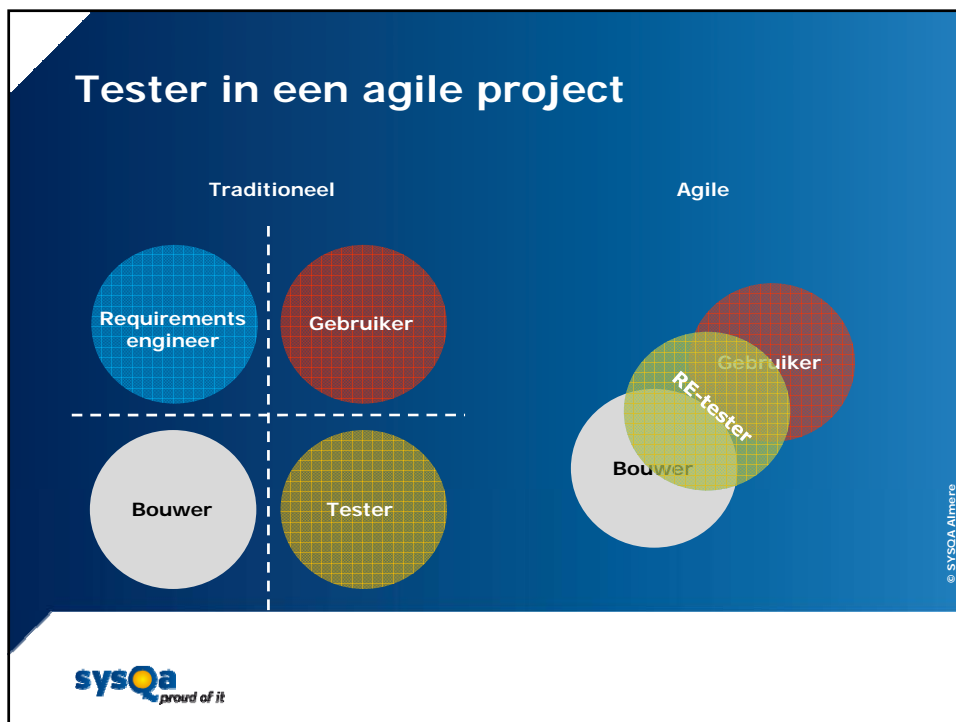
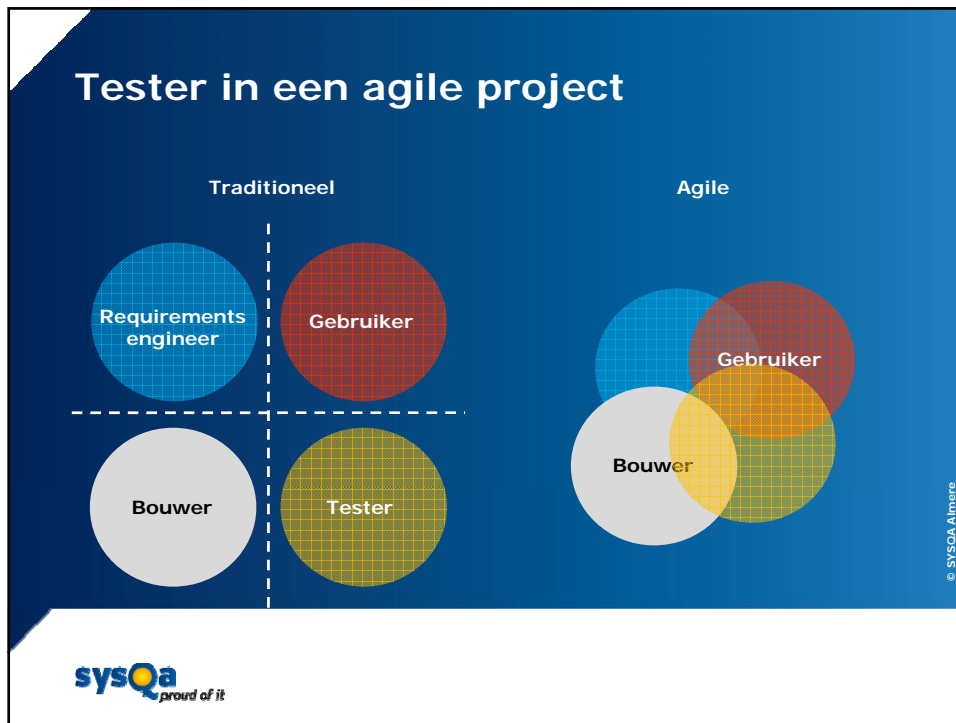
## Tester in een agile project

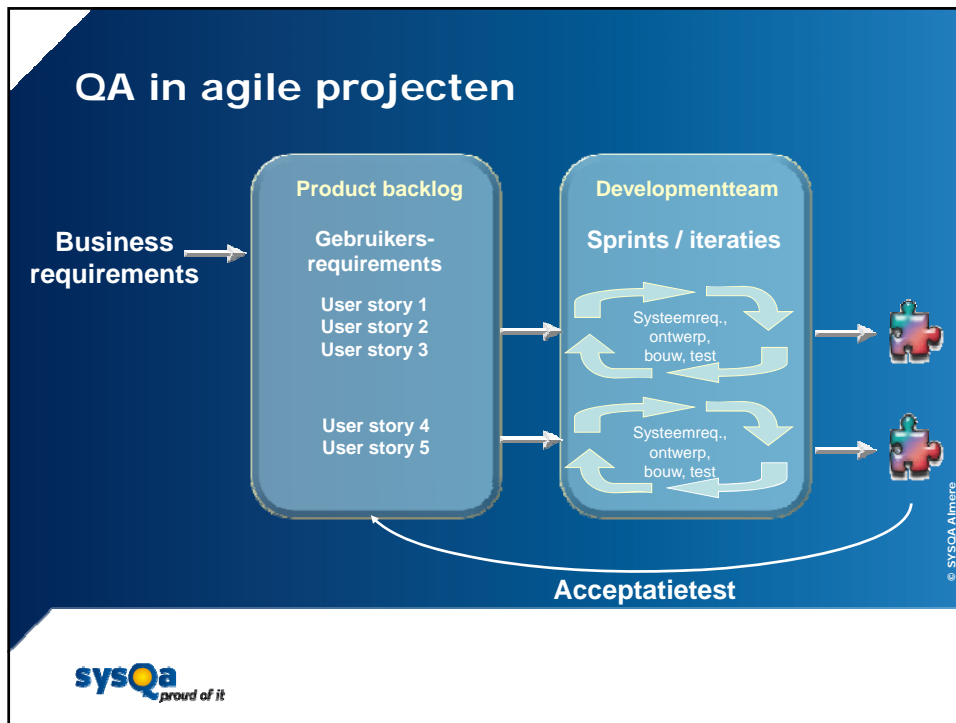
Traditioneel

Agile



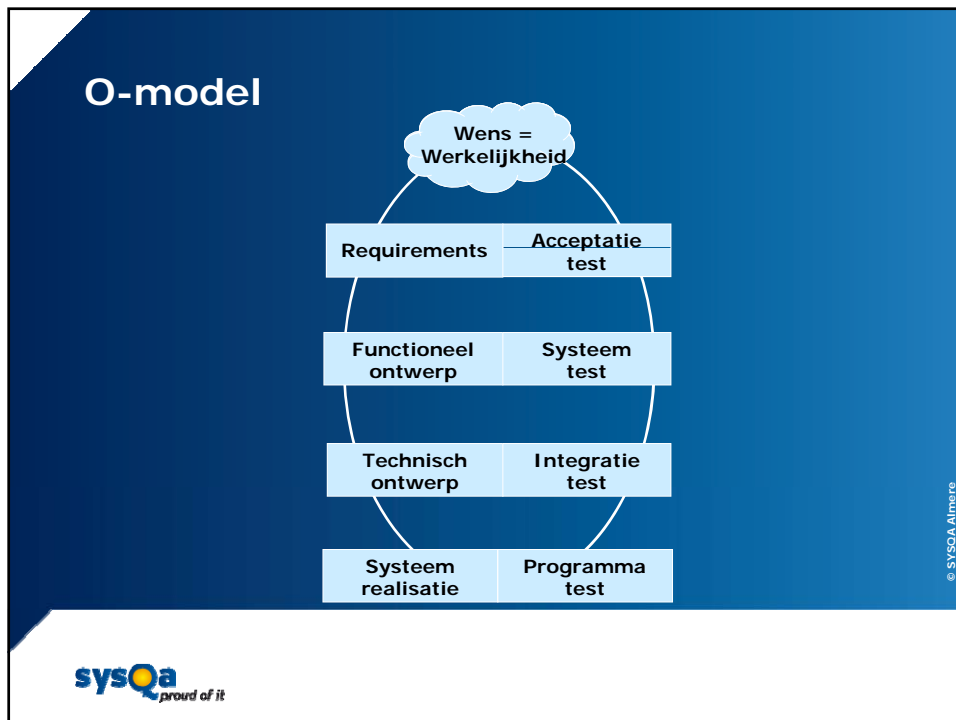
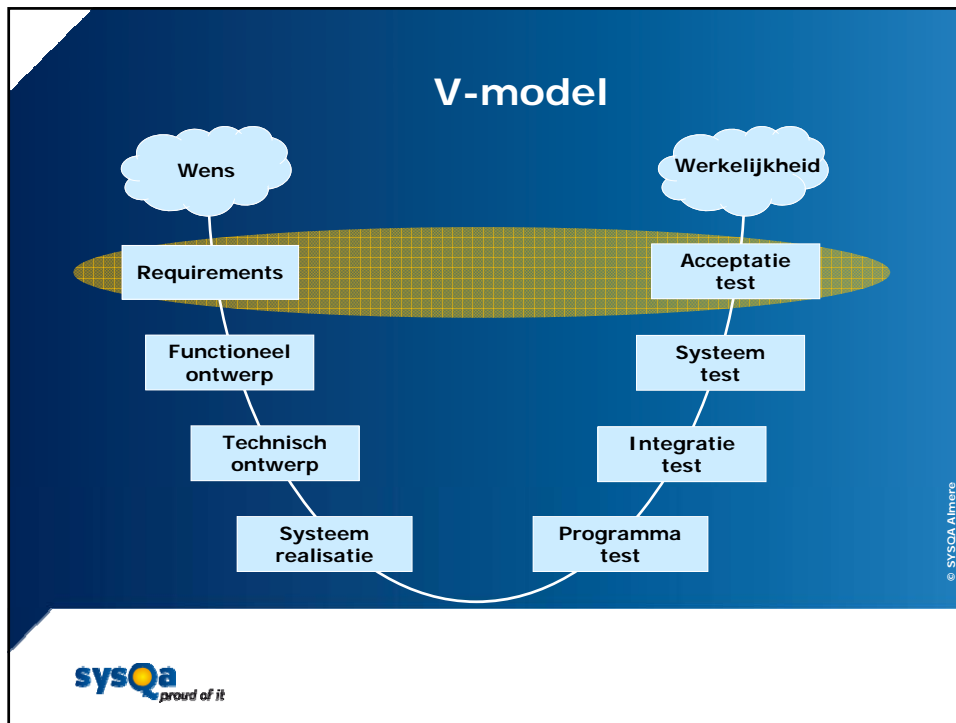
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## En nu?

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## Voordelen

- Tijd / geld besparen door minder inwerken
- Minder discussie door kennisbehoud
- Minder communicatie door minder projectrollen
- Tijd /geld besparen door combineren werkzaamheden
- Tester vroeg betrokken
- Requirements engineer lang betrokken
- Verbreding van de functie

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## Nadelen

- Twee (gerelateerde) vakken beheersen
- 'Single point of failure'
- Slechte requirementsanalisten of slechte testers
- Timemanagement uitdaging
- Onafhankelijkheid tester in het geding

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En wat betekent dat voor mij?

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## Eisen aan de persoon

### Requirementanalist

- Analytisch
- Gestructureerd
- Doorzettingsvermogen
- Inlevingsvermogen
- Creatief
- Vragen stellen
- Luisteren
- Inhoudelijk kennis
- Kennen requirements processen

### Tester

- 
- 
- 
- 
- 
- 
- 
- 

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## En dat betekent voor mij?

Kan ik dit?

Ja

Wil ik dit?

Ja of ?



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proud of it

## Vervolg

- "Succes met de requirements" – M. Arendsen e.a., 2010
- Requirements engineering fundamentals – K. Pohl e.a., 2011
- <http://www.sysqa.nl>
- <http://www.certified-re.de/en/home.html>
- <http://requirementskenniscentrum.nl>



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# Succes met de toekomst

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